Quick Reference Guide
JANUARY 2018

BUILT TO A HIGHER STANDARD

American Standard

HEATING & AIR CONDITIONING

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BUILT TO A HIGHER STANDARD

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HEATING & AIR CONDITIONING

Contents - Residential

Model Nomenclature TOC-6

Connected Home Solutions

- Conventional 24 Volt Connected Controls CHS-1
- AccuLink™ Communicating Connected Controls CHS-3
- Nexia™ Bridges & Starter Bundles CHS-4
- Nexia™ Compatible Products CHS-5

Split System Cooling

- AccuComfort™ Variable Speed Single Phase, 2-5 Tons (4A7V0, 4A7V9) SC-1
- Single Phase, 1½-5 Tons (4A7A7, 4A7A6, 4A7L6) SC-3
- Single Phase, 1½-5 Tons (4A7A4, 4A7A3) SC-5
- Three Phase (4A7C7, 4A7C4, 4A7C3) SC-7

Split System Heat Pumps

- Summary of System Ratings SH-1
- AccuComfort™ Variable Speed Single Phase, 2-5 Tons (4A6V0, 4A6V9, 4A6L9) SH-3
- Single Phase, 1½-5 Tons (4A6H7, 4A6H6, 4A6L8) SH-5
- Single Phase, 1½-5 Tons (4A6H5, 4A6H4) SH-7
- Three Phase (4A6C7, 4A6C4) SH-9

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- Multi-position Chart AH-1
- Features and Benefits AH-2
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- Series 5 Multi-Position, Single Phase, 1½-5 Tons (GAM5) AH-8
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- Heaters for Multi-Position AH-12
- TEM Split System, Single Phase, 1½-5 Tons (TEM8, TEM6) AH-14
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- Heaters for TEM AH-17
- TMM Wall, Stoff, or Over the Water Heater, Single Phase, 1½-5 Tons (TMM5, TMM4) AH-20

Coils

- Split System Aluminum Cased Heat Pump and Cooling (4TXC-05, 4PXC-U, 4PXC-D) COIL-1
- Split System Aluminum Cased Heat Pump and Cooling (4TXF) COIL-2
- Split System Aluminum Uncased Heat Pump and Cooling (4PXA-U) COIL-2
- Cased Heat Pump and Cooling (4GXC, 4MXC) COIL-4

Read Only

This publication is for general reference information only and is not intended for systems equipment / combination selections.

Products listed in this book are not always carried in factory/distributor inventory, nor are all products available through all distribution channels. Consult your Distributor for availability and shipping information.

Since American Standard Heating & Air Conditioning has a policy of continuous product improvement, it reserves the right to change design and specification without notice.

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For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

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HEATING & AIR CONDITIONING

Contents - Residential

Furnaces

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- Humidifiers Fan Powered and Bypass IAQ-8
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Comfort Controls/Zone Sensors

- Conventional 24 Volt Connected Controls CCZS-1
- AccuLink™ Communicating Connected Controls CCZS-3
- Zoning Communicating Sensor with Display (AZONE940) CCZS-5
- Conventional 24 Volt HVAC System Interface Relay Panel for AccuLink™ Controls CCZS-6
- AccuLink™ Platinum 1050 Control Component Overview CCZS-7
- AccuLink™ Zoning Assembly & Zone Expander Panel CCZS-8
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- 24 Volt Modulating Dampers CCZS-11
- Programmable 7 Day CCZS-16
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- Non Programmable CCZS-18
- Remote Sensors CCZS-19
- Outdoor Thermostat Kit CCZS-20

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Contents - Residential

Packaged Units

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- Hybrid/Dual Fuel Convertible, 2-5 Tons (4DCZ5, 4DCY4) PK-4
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- Hydrologic™ Control GEO-13
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- Split Heat Pump Units (2GN, GE) GEO-16
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Ductless

- Single Zone Single Phase, ¾-5 Tons (4DUC7, 4DXC18, 4DXC24, 4MXA27, 4MXA36, 4M00N36) DU-1
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- Multi-Zone Single Phase, 1½-3 Tons (4TXK24, 4MXA27, 4M00D5, 4M00L05, 4M0Flis) DU-4
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- AccuFlex™ Single Zone C-Series U-Matrix System DU-8
- AccuFlex™ VRF Indoor Units DU-12
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- Split systems with Variable Speed Compressor AC/IN-8
- Branch Circuit Wire Sizing Table/Heater On Rating Chart AC/IN-11
- Basic Air Conditioning Formulas AC/IN-12
- Low Ambient Accessories, Cooling & Heating Models AC/IN-13
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Retail

For complete equipment / combination applications, installation instructions and warranty information please refer to Product Data Ratings and/or Installation Guides and Limited Warranty Handbooks.

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Contents - Light Commercial

Model Nomenclature LTOC-11

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- Three Phase, 6-25 Tons, R-22 (TTA) LSC-2
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- ReliaTel™ Controls, 6-25 Tons - Protection/Operation Timings and Features LSC-4

Split System Heat Pumps
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Air Handlers/Heaters
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Comfort Controls/Zone Sensors
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- Programmable for ReliaTel™ Units LCCZS-1
- Zone Sensor Unit Installation LCCZS-3
- Micro Control Zone Sensors LCCZS-4
- Electronic Programmable Zone Sensors for ReliaTel™ Units LCCZS-5
- Integrated Comfort™ Systems Sensors for ReliaTel™ Units LCCZS-5

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- Packaged Cooling with ReliaTel™ Controls, 12½-25 Tons Model Digit Numbers LPC-15
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- Convertible, 3-5 Tons, Electric Heaters LPH-6
- Convertible, 8-10 Tons Electric Heaters & Zone Sensors LPH-7
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- Packaged Heat Pump with ReliaTel™ Controls, 12½-20 Tons Accessories LPH-13
- Packaged Heat Pump with ReliaTel™ Controls, 12½-20 Tons Heaters LPH-14

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Read Only

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HEATING & AIR CONDITIONING

Contents - Light Commercial

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- Convertible, 3-10 Tons Model Digit Numbers LPG-7
- Convertible, 3-10 Tons Accessories LPG-8
- Convertible, 3-10 Tons Zone Sensors/Thermostats LPG-11
- Packaged Gas/Electric with ReliaTel™ Controls 12½-25 Tons, R-410A (YHD-G, YHH-G) LPG-12
- Packaged Gas/Electric with ReliaTel™ Controls 12½-25 Tons, R-410A (YSD-F, YSH-F) LPG-13
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- Foundation™ Packaged Gas/Electric, 3-5 Tons, R-410A LPG-18
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- 3-25 Ton Packaged Units Roof Curb Compatibility Information LAC/IN-1
- 6-20 Tons Split System LAC/IN-2

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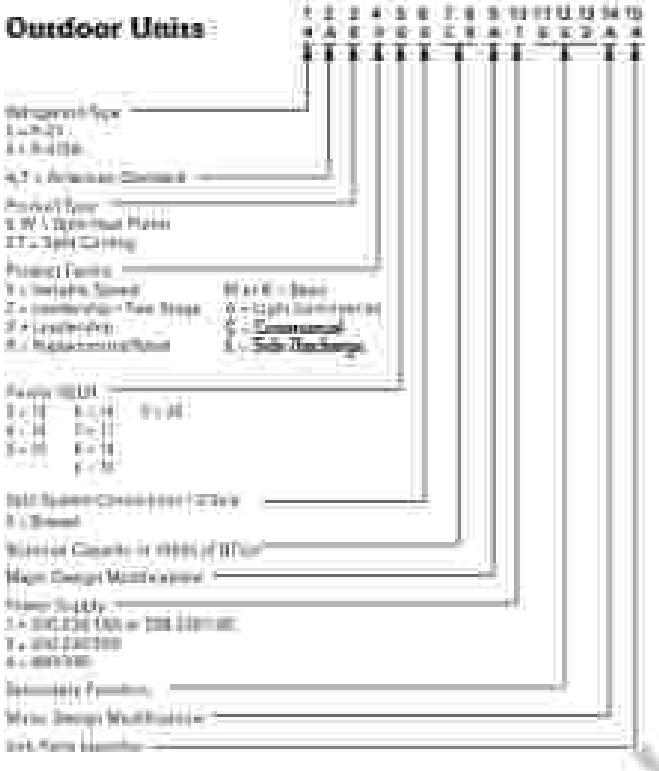
HEATING & AIR CONDITIONING

Model Nomenclature Residential

Outdoor Units



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
4 A 8 A 9 B 0 C 0 A 1 E 2 A 3 A

Refrigerant Type
1 = R-21
4 = R-410A

4,7 = American Standard

Product Type
6 W = Split Heat Pump
2 T = Split Cooling

Product Tanks
1 = Variable Speed
2 = Leadership - Two Stage
3 = Leadership
4 = Replacement/Retail
W or K = Basic
A = Light Commercial
C = Commercial
E = Side Discharge

Fuels (BLU)
3 = 10 6 = 14 9 = 20
4 = 14 7 = 17
5 = 15 8 = 18
9 = 19

Split System Connection Tubing
1 = Brazed

Nominal Capacity in 1000s of BTU/h

Major Design Modification

Power Supply
1 = 200-230 1Ph or 208-230 1Ph
3 = 200-230 3Ph
4 = 460 3Ph

Secondary Function

Minor Design Modification

Unit Rate Identifier

Accessories

1 2 3 4 5 6 7 8 9 10 11
A Y E C O N D C 1 A N

Electric Accessories

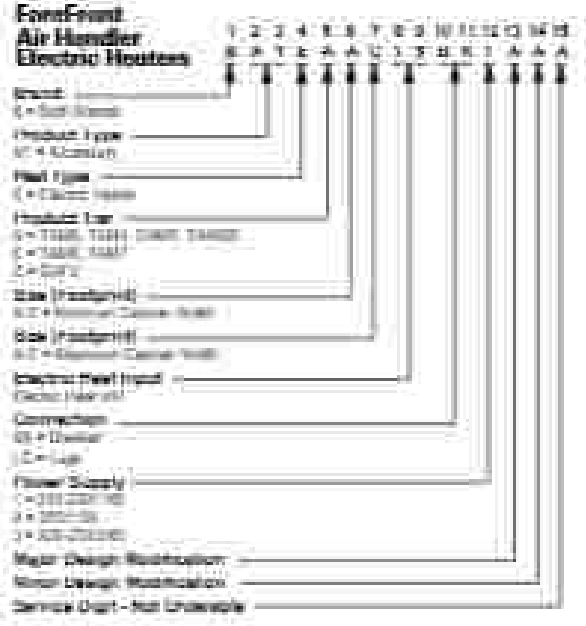
Accessories Type (Include [illegible])

ACCT	= Anti-Cycle Timer	LOWS	= Low Ambient Capacitor
BARB	= Barometric Relief	LPKT	= L.P. Kit
BASE	= Subbase	LSDA	= Long Static Drive
BRZU	= Coupling Kit Adaptor	MNIT	= Mini Pole Accessory Kit
CLHT	= Crankcase Heater	PNEL	= Panel
CLE	= Coil Encasement	PLMB	= Plenum
CLPB	= Root Curb	PLUS	= Adjustable Hole Plugs
DMPR	= Damper	RFLN	= Refrigerant Lines
DBLN	= Dehydrator Conversion Kit	RLAY	= Relay
FCMS	= Extreme Mounting Kit	SEAC	= Seal Circuit Kit
ECON	= Economizer	SEBR	= Bracket
ERTH	= Enthalpy Control	SPEX	= Single Power Entry Kit
FLTR	= Filter	SOIC	= Overhead
GRRD	= Soft Board	TBKT	= This Base Utility Kit
GRLE	= Return Air Grill	TEST	= Test Accessory
HALT	= High Altitude Kit	TRMR	= Transformer
HGBP	= Hot Gas Bypass Control	TRBK	= Turning Kits
HSVS	= High Static Motor	TSVA	= Cooling — Dead Rim Dead Kit
HTNA	= Electric Heater (Digit 1 is Used to Differentiate The Physical Accessory to Load With)	TSVH	= Heat Pump Not Dead Kit
		UTIL	= Outside Kit
		VENT	= Transmission Kit
ISLC	= Isolator	WAH	= Warranty
MAST	= Start Accessory Kit	WATP	= Hydronic Heat Cells
LEDS	= Stator Light	WRKT	= Wire Kit
LEDSCAP	= Leading Caps	ZSTD	= 2 Stage Tap
LIFT	= Lifting Lug Kit		

Major Design Change
Nominal Air Separation Assigned Except for Electric Heaters.
On Electric Heating Digit 9 is Used to Identify Voltage Arm Digit 9.
And 10 the Used to Identify Capacity in 4 W's.

Minor Design Change
Accessory To Unit Matching (When Needed)

Service Digit - Not Orderable



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ForeFront Air Handler

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
G A M 2 A 0 A 0 9 3 2 1 A A A

Brand
T = American Standard
G = Good (American Standard Standard)

Product Type
A = Air Handler
E = Air Handler

Convertability
M = Multi-Stage Array
F = Upflow Front Return, Cavity
T = Delay

Product Tier
E = Comm. Entry Level Feature Tier
A = Better, Panel Replacement Mid-Eff.
S = Better, Entry Level High Eff., Multi-Speed
T = Basic, Panel Replacement High Eff., Variable Speed
B = Basic, Panel Ultimate High Eff., Variable Speed
D = Basic, Comm/Ent. Variable Speed
C = Basic, Cost/Premium

Major Design Change

No Description
C = Air Handler - Cost

Size (Footprint)
A = 17 1/2 x 27 1/2
B = 20 1/2 x 27 1/2
C = 23 1/2 x 27 1/2

Cooling Size Air Handler or Coil
G = AH Coil - 0000 BTU/h (10, 24, 30, 36, 42, 48, 60)

Airflow Type & Capacity
E = Standard Eff., PSC, 1-8 - nom. Tonnage (cfm/ton)
M = 000 BTU Multi-Speed, 1-8 - nom. Tonnage (cfm/ton)
H = High Eff. Variable, 1-8 - nom. Tonnage (cfm/ton)
V = High Eff. Variable, 1-8 - nom. Tonnage (cfm/ton)

Power Supply
A = 208-230 1Ph

System Control Type
S = Standard - 24 VAC
C = CLR 12.0 VDC
G = Gold (24 VAC / Cut 1.0 VDC) and Epoxy Coated Coil Fins
E = Epoxy Coated Coil Fins

Minor Design Change

Service Digit - Not Orderable

ForeFront Air Handler Electric Heaters

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
A A T E A A C 1 5 0 K 1 A A A

Brand
E = Soft Brand

Product Type
M = Modulus

Heat Type
E = Electric Heater

Product Tier
A = TAMS, TAMS, CAMS, CAMSS
E = TAMS, TAMS
C = CAFS

Size (Footprint)
A-C = Minimum Cabinet Width

Size (Footprint)
A-C = Maximum Cabinet Width

Electric Heat Input
Electric Heat Input

Connection
S = Shelter
L = Lugs

Power Supply
1 = 208-230 1Ph
3 = 200-230 3Ph
4 = 208-230 3Ph

Major Design Modification

Minor Design Modification

Service Digit - Not Orderable

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14-18 V1.3S

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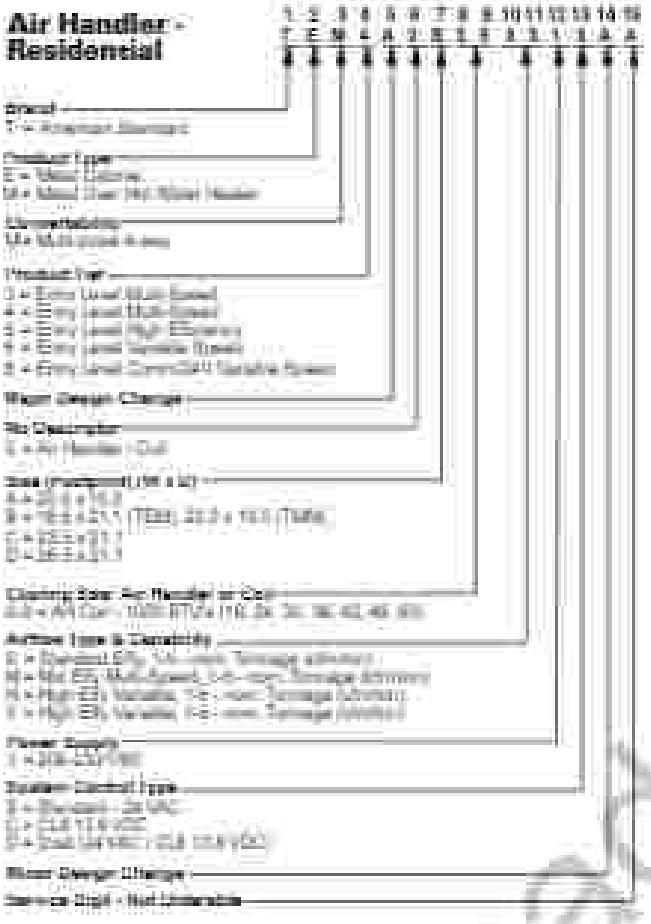
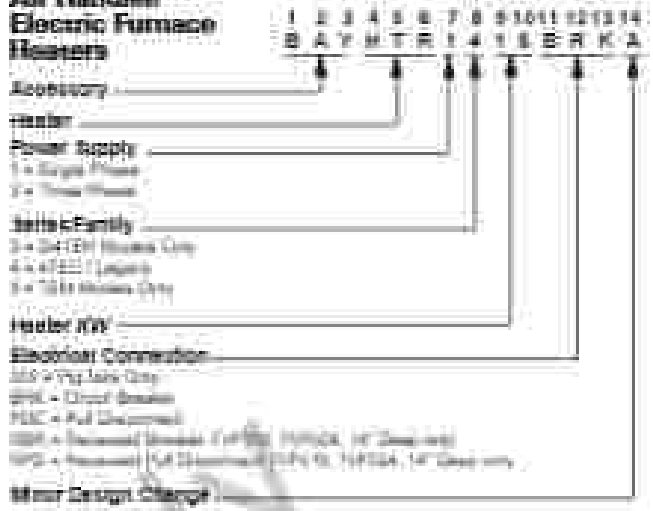
Model Nomenclature Residential

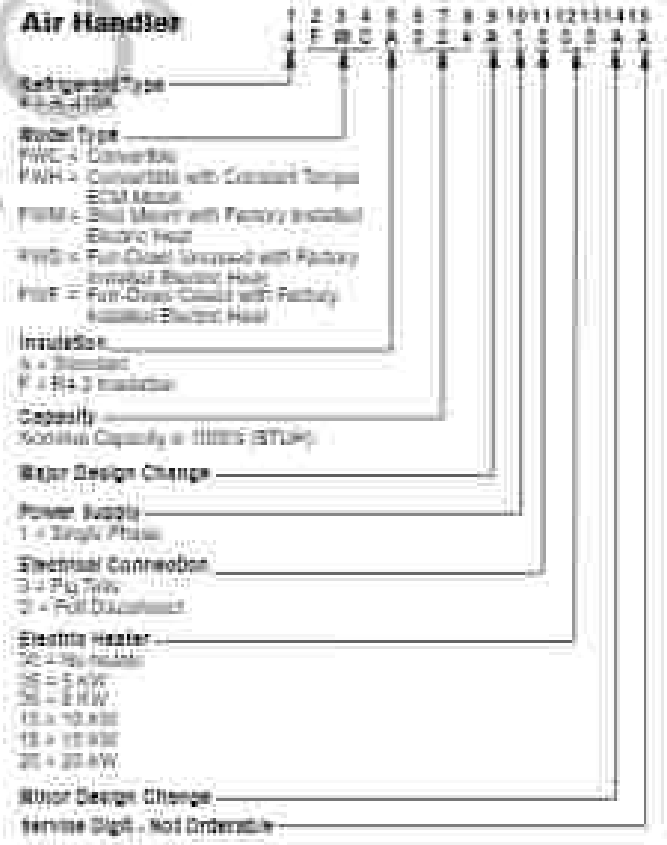
Air Handler - Residential



Air Handler Electric Furnace Heaters



Air Handler



Ready Only

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18-HA13-2A

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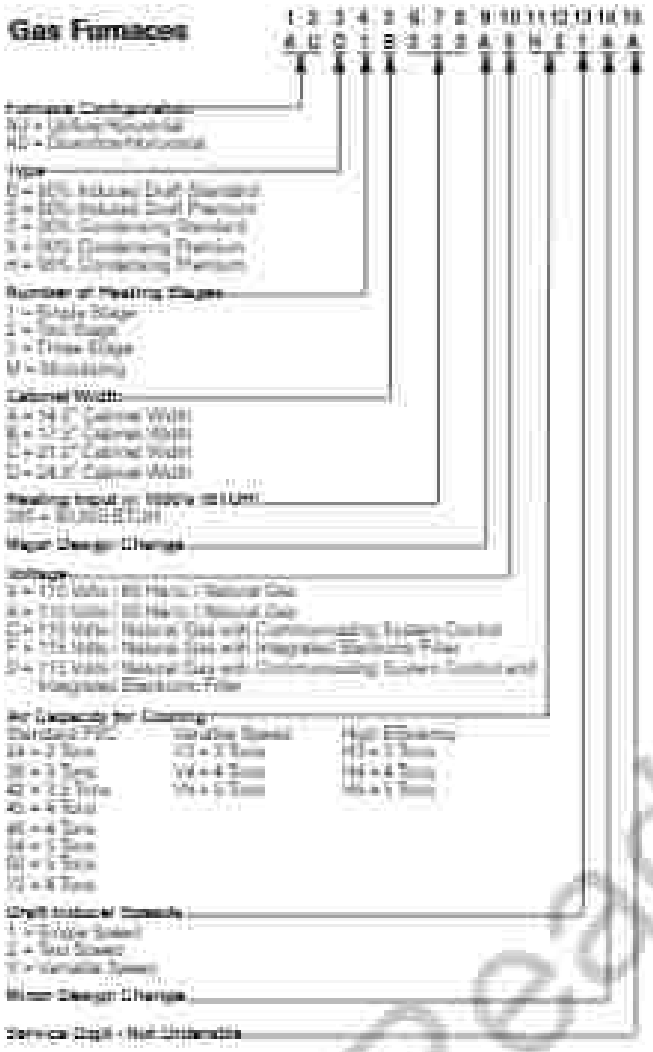
HEATING & AIR CONDITIONING

Model Nomenclature Residential

Gas Furnaces



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

A C D 1 B 3 2 2 A 9 N 2 1 A A

Furnace Configuration
AC = Upflow/Horizontal
AD = Downflow/Horizontal

Type
D = 80% Induced Draft Standard
E = 80% Induced Draft Premium
C = 90% Condensing Standard
X = 90% Condensing Premium
H = 95% Condensing Premium

Number of Heating Stages
1 = Single Stage
2 = Two Stage
3 = Three Stage
M = Modulating

Cabinet Width
A = 14.0" Cabinet Width
B = 17.5" Cabinet Width
C = 21.0" Cabinet Width
D = 24.5" Cabinet Width

Heating Input in 1000's (BTUH)
[illegible] = [illegible] BTUH

Major Design Change

Voltage
[illegible] = 115 Volts / 60 Hertz / Natural Gas
[illegible] = 115 Volts / 60 Hertz / Natural Gas
C = 115 Volts / Natural Gas with Communicating System Control
F = 115 Volts / Natural Gas with Integrated Electronic Filter
D = 115 Volts / Natural Gas with Communicating System Control and Integrated Electronic Filter

Air Capacity for Cooling

Standard PSC	Variable Speed	High Efficiency
24 = 2 Tons	V2 = 2 Tons	H2 = 2 Tons
36 = 3 Tons	V4 = 4 Tons	H4 = 4 Tons
42 = 3.5 Tons	V5 = 5 Tons	H5 = 5 Tons
45 = 4 Tons		
46 = 4 Tons		
54 = 5 Tons		
60 = 5 Tons		
72 = 6 Tons		

Draft Inducer Speeds
1 = Single Speed
2 = Two Speed
V = Variable Speed

Minor Design Change

Service Digit - Not Orderable

S-Series Furnaces

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

S E B 1 B 0 8 0 D 2 F S A A A

Level
S = [illegible]

AFUE
[illegible] = 80%
[illegible] = 80% or Higher

Blower
[illegible] = Base Motor PSC
[illegible] = PSC
[illegible] = CTM
[illegible] = Variable Speed

Gas Valve Stages
1 = Single Stage
2 = 2 Stage
M = Modulating

Cabinet Width
[illegible] = 14.0"
[illegible] = 17.5"
C = 21"
D = 24.5"

BTU Input
[illegible] = [illegible] BTUH

Pilot Options
[illegible] = 3 Way
[illegible] = Deployed Downflow
[illegible] = 3 Way Pilot

Air Capacity for Cooling
[illegible] = [illegible] Tons
[illegible] = [illegible] Tons
[illegible] = [illegible] Tons
[illegible] = [illegible] Tons

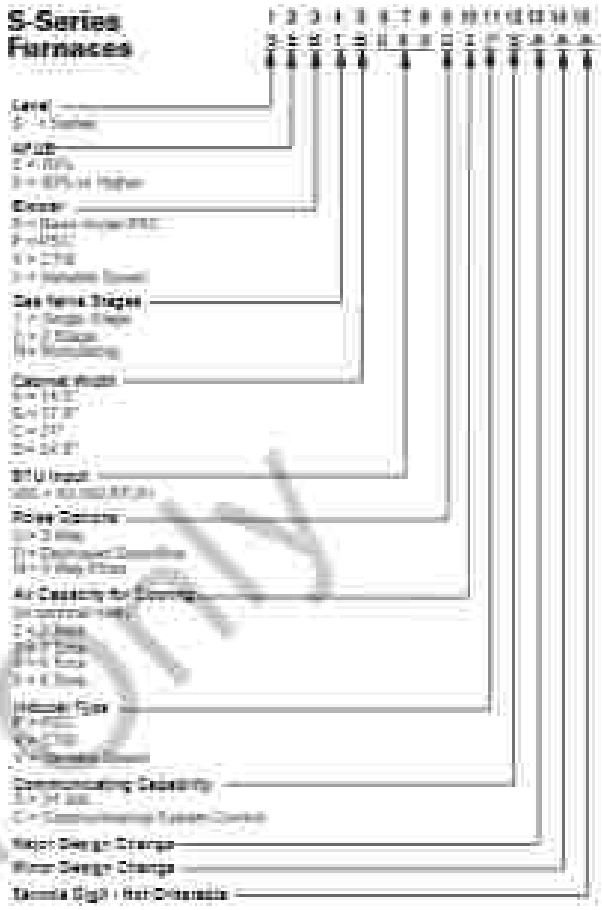
Inducer Type
[illegible] = PSC
[illegible] = CTM
V = Variable Speed

Communicating Capability
[illegible] = [illegible]
C = Communicating System Control

Major Design Change

Minor Design Change

Service Digit - Not Orderable



Read Only

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Effective 1/1/18
14-1517-25

BUILT TO A HIGHER STANDARD

American Standard.

HEATING & AIR CONDITIONING

Model Nomenclature Residential

Heat Pump/ Cooling Coils

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A	T	X	C	B	S	S	S	A	C	S	H	C	A	A

Refrigerant Type
A = R-410A

Series
T = Premium (Cooling and HP)
X = Premium (Cooling and HP)
P = Premium High Efficiency - Gasketed Insulation (Cooling and HP)
C = Standard (Cooling Only)
P = Entry Level (Cooling Only)
C = Entry Level (Cooling and HP)
M = Entry Level (Cooling and HP)

Coil Design
X = Direct Expansion Evaporator Coil

Coil Feature
C = Cased A Coil
A = Uncased A Coil
P = Cased Horizontal Flat Coil

Coil Width (Cased/Uncased)
A = 14.5" / 13.5"
B = 17.5" / 16.5"
C = 21.0" / 19.0"
S = 24.5" / 23.5"
H = 10.5"

Refrigerant Line Coupling/ Airflow Configuration
E = Bottom
S = Upflow only, convertible to Horizontal Left
S = Downflow only, convertible to Horizontal Right

Nominal Capacity in 1000's (BTUH) - Model Number Distinguisher

Major Design Change

Efficiency
C = Standard
E = High Efficiency (derived from 10 SEER products)
S = High Efficiency (TXV modulates to 50%)

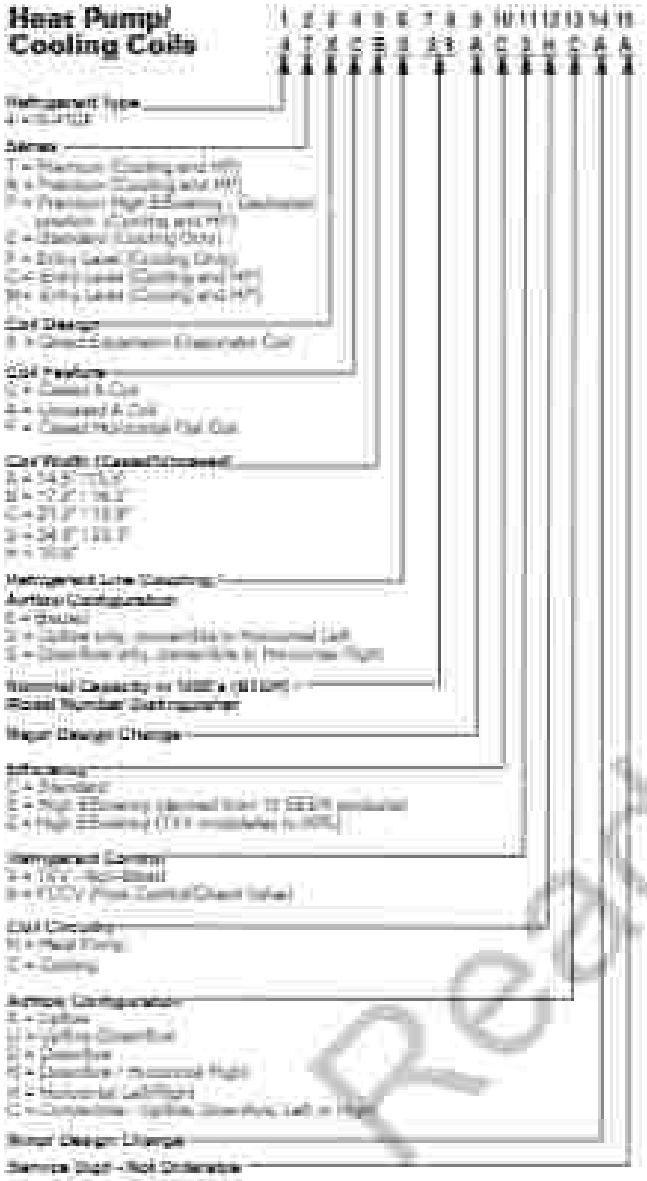
Refrigerant Control
A = TXV - Non-Bleed
B = FCCV (Flow Control/Check Valve)

Coil Circuitry
H = Heat Pump
C = Cooling

Airflow Configuration
E = Upflow
U = Upflow Downflow
D = Downflow
H = Downflow / Horizontal Right
H = Horizontal Left/Right
C = Convertible - Upflow, Downflow, Left or Right

Minor Design Change

Service Digit - Not Orderable



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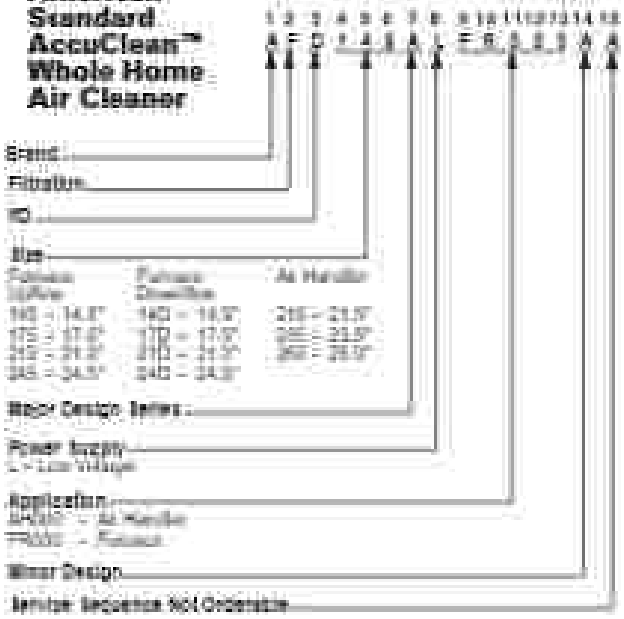
BUILT TO A HIGHER STANDARD
American Standard
HEATING & AIR CONDITIONING

Model Nomenclature Residential

American Standard AccuClean™ Whole Home Air Cleaner



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
A F D 1 4 5 A L F R 5 2 3 A A

Brand
Filtration
HD
Size

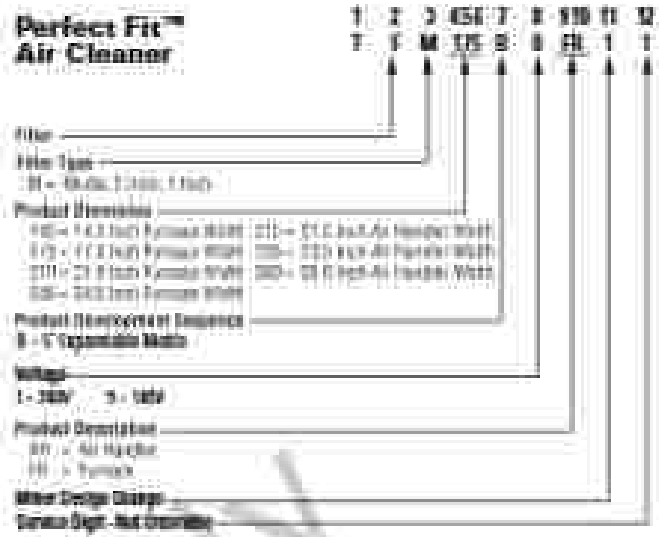
Furnace Upflow	Furnace Downflow	Air Handler
14D – 14.5"	14D – 14.5"	21S – 21.5"
17S – 17.5"	17D – 17.5"	25S – 25.5"
21S – 21.5"	21D – 21.5"	35S – 35.5"
24S – 24.5"	24D – 24.5"	

Major Design Series
Power Supply
L = Low Voltage
Application
AH000 – Air Handler
FR000 – Furnace
Minor Design
Service Sequence Not Orderable

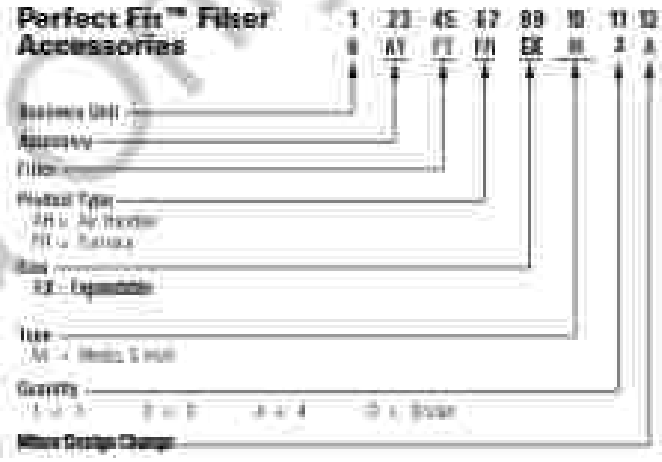
Perfect Fit™ Air Cleaner

1 2 3 4 5 6 7 8 9 10 11 12
T F M 1 7 5 B B FR 1 1

Filter
Filter Type
M = Media, 2 inch, 1 inch
Product Dimensions
14D = 14.5 inch Furnace Width
17S = 17.5 inch Furnace Width
21S = 21.5 inch Furnace Width
24S = 24.5 inch Furnace Width
21D = 21.5 inch Air Handler Width
25S = 25.5 inch Air Handler Width
35S = 35.5 inch Air Handler Width
Product Development Sequence
B = 5" Expandable Media
Voltage
1 = 240V 5 = 120V
Product Description
AH = Air Handler
FR = Furnace
Minor Design Change
Service Digit - Not Orderable



Perfect Fit™ Filter Accessories



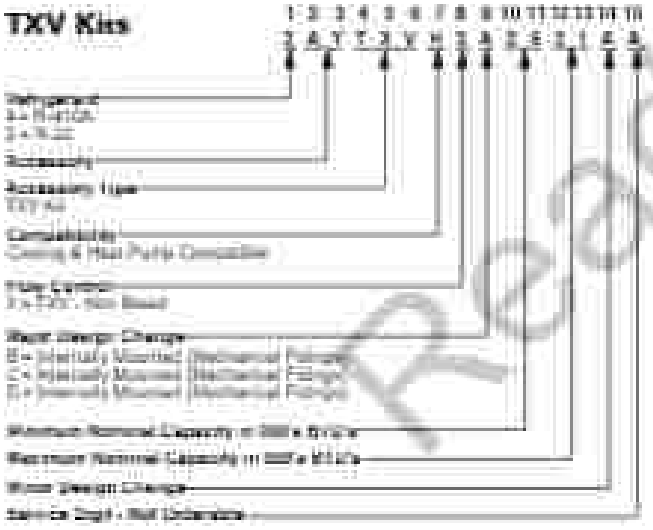
1 2 3 4 5 6 7 8 9 10 11 12
B A1 F1 FR EE M 2 A

Business Unit
Accessory
Filter
Product Type
AH = Air Handler
FR = Furnace
Size
EE = Expandable
Type
M = Media, 2 inch
Quantity
1 = 1 2 = 2 4 = 4 D = Dozen
Minor Design Change

TXV Kits

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
2 A T T 3 V H 3 A 2 6 2 1 4 A

Refrigerant
A = R-410A
2 = R-22
Accessory
Accessory Type
TXV Kit
Compatibility
Cooling & Heat Pump Compatible
Flow Control
3 = TXV - Non Bleed
Major Design Change
B = Internally Mounted (Mechanical Fittings)
C = Internally Mounted (Mechanical Fittings)
D = Internally Mounted (Mechanical Fittings)
Minimum Nominal Capacity in 000's Btu/s
Maximum Nominal Capacity in 000's Btu/s
Minor Design Change
Service Digit - Not Orderable



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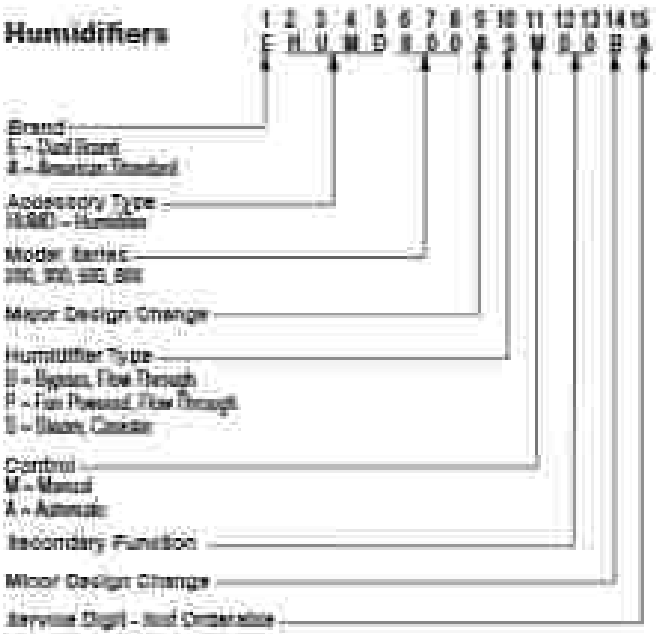
Effective 1/1/18
14-1517-25

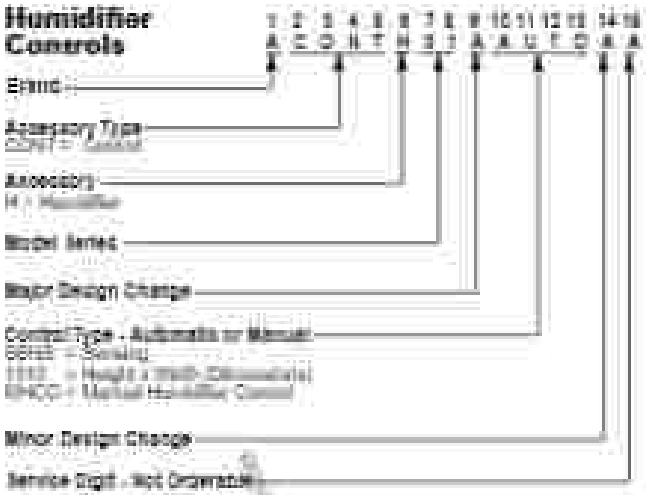
American Standard
HEATING & AIR CONDITIONING

Model Nomenclature Residential

Humidifiers

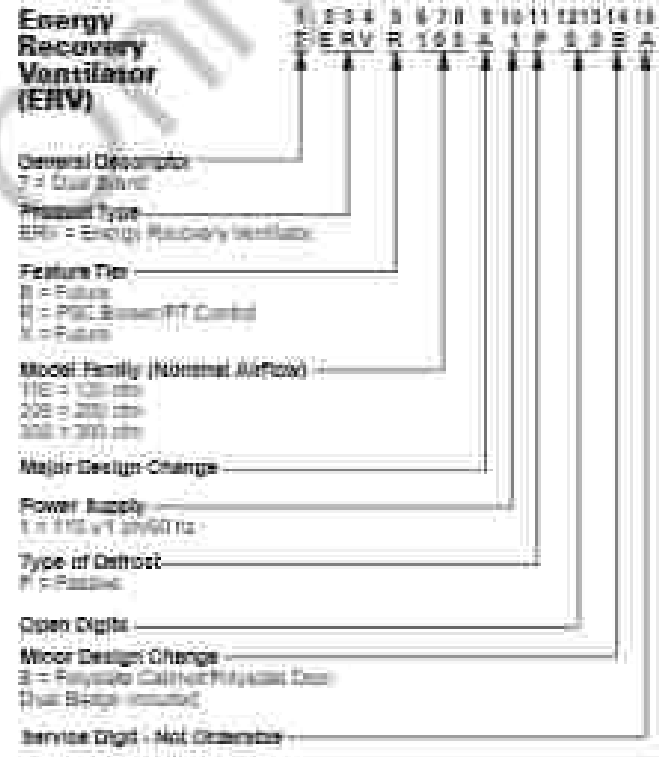


Humidifier Controls



Humidifier Accessories

Energy Recovery Ventilator (ERV)



Ready Only

For complete equipment / combination assembly, installation instructions and warranty information please refer to Product Data Ratings and/or Installation, Owners and Limited Warranty Handbooks.

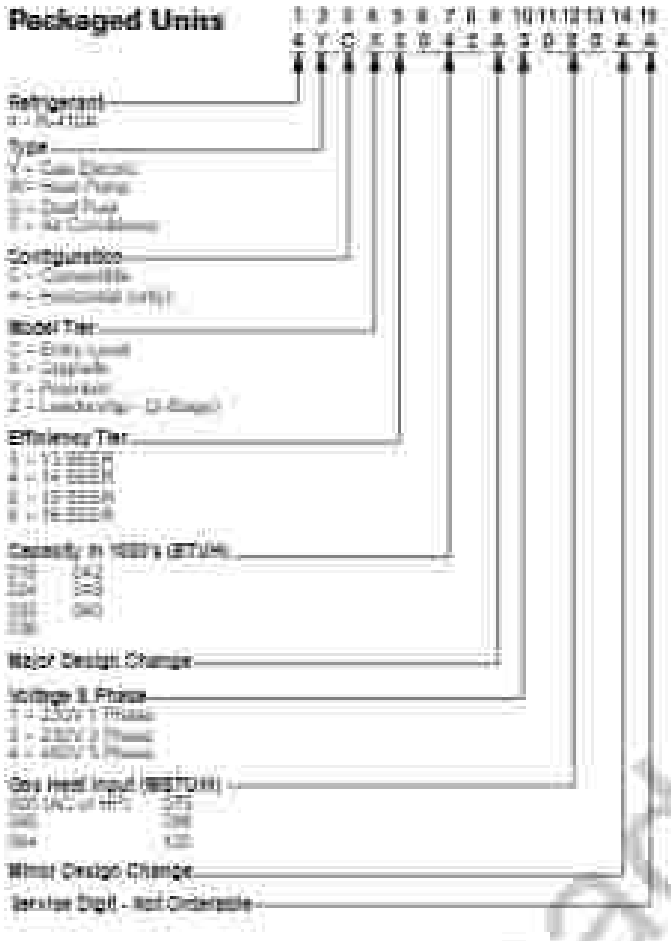
BUILT TO A HIGHER STANDARD

American Standard

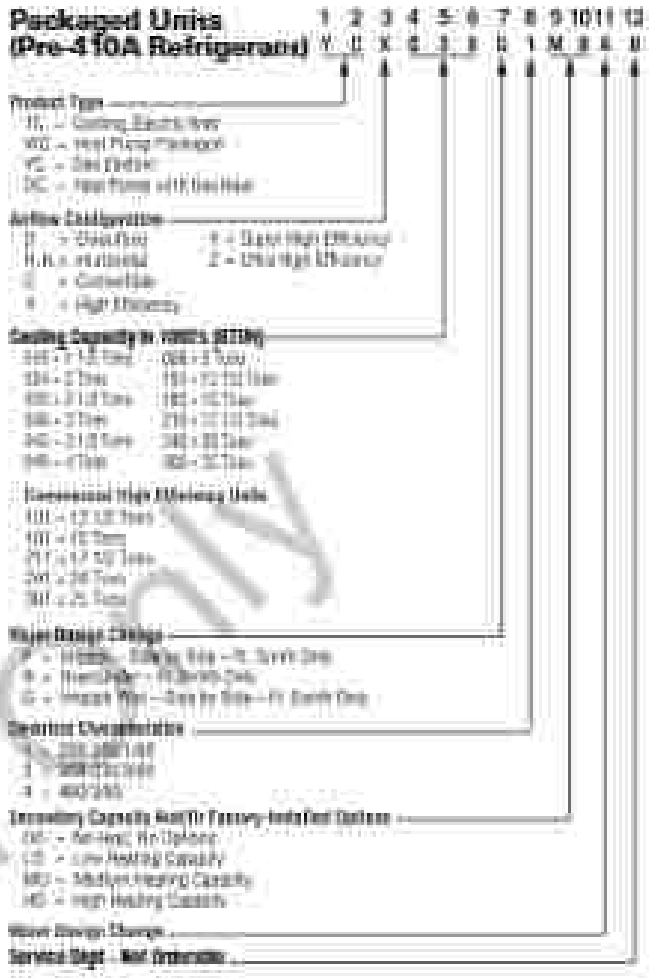
HEATING & AIR CONDITIONING

Model Nomenclature
Residential

Packaged Units



Packaged Units (Pre-410A Refrigerant)



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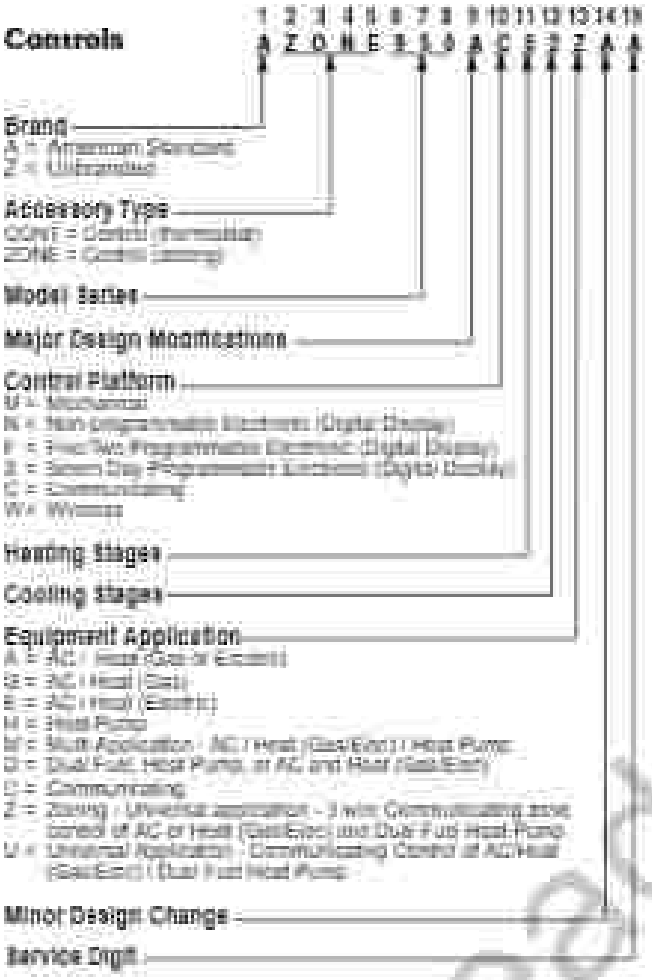
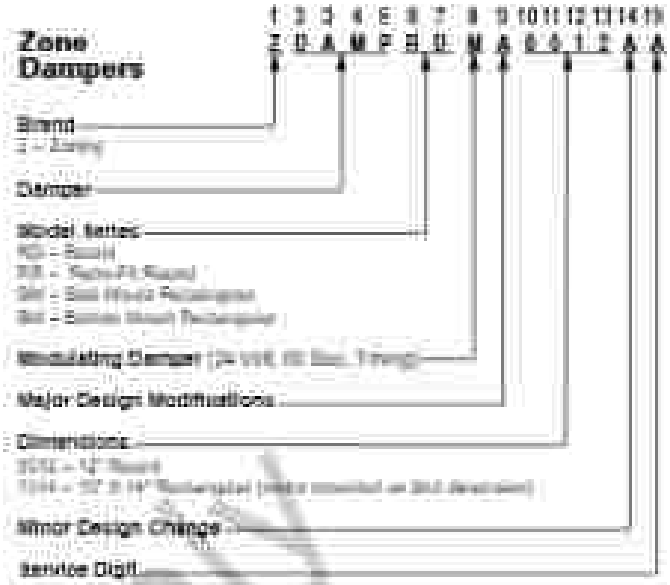
Built to a higher standard.

American Standard.

HEATING & AIR CONDITIONING

Model Nomenclature Residential





Read Only

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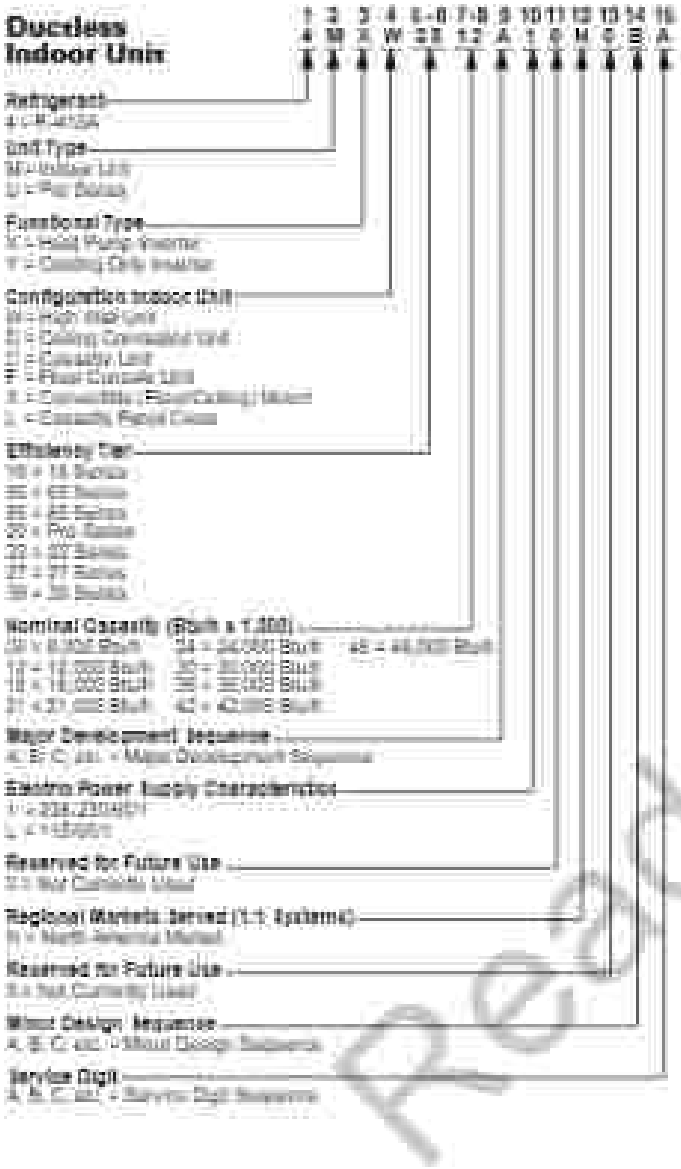
BUILT TO A HIGHER STANDARD

American Standard

HEATING & AIR CONDITIONING

Model Nomenclature
Residential

Ductless Indoor Unit



Ductless Outdoor Unit

Ready

For complete equipment / combination specifications, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installer's Guides and Limited Warranty Handbooks.

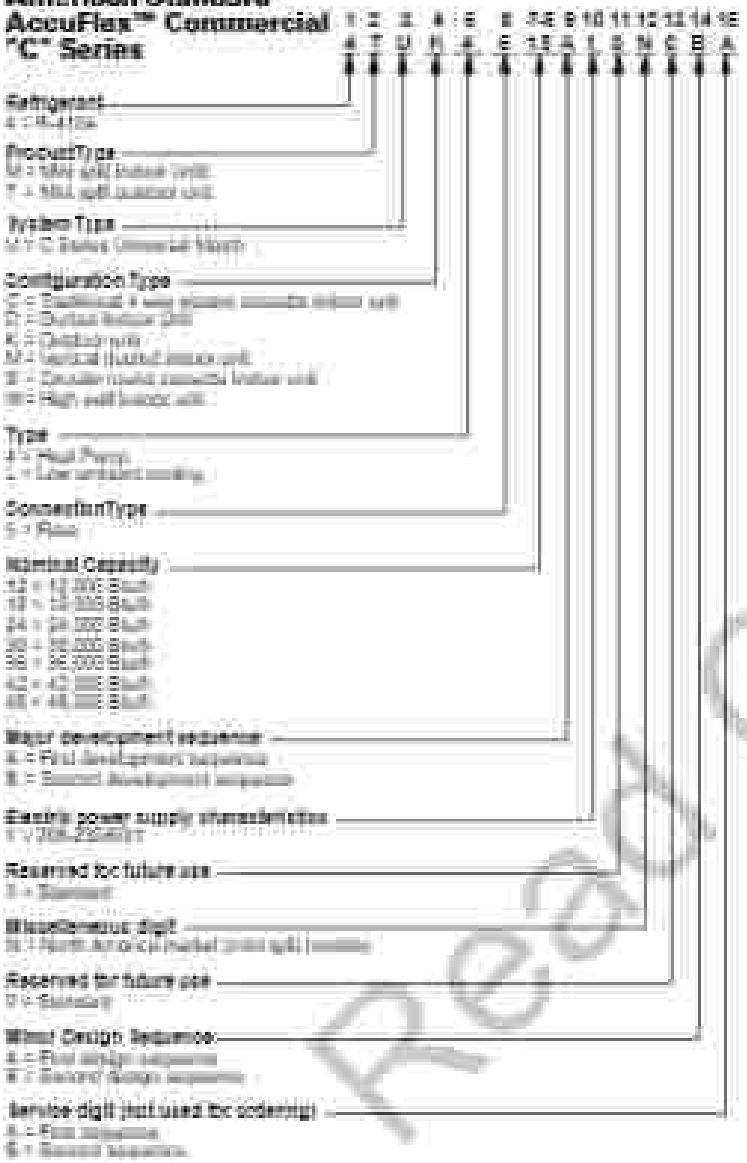
BUILT TO A HIGHER STANDARD

American Standard.

HEATING & AIR CONDITIONING

Model Nomenclature Residential

American Standard AccuFlex™ Commercial "C" Series



1	2	3	4	5	6	7-8	9	10	11	12	13	14	15
4	T	U	H	4	6	1.5	A	1	S	N	C	B	A

Refrigerant
4 = R-410A

Product Type
M = MAX split indoor unit
T = MAX split outdoor unit

System Type
U = C Series Universal Match

Configuration Type
C = Traditional 4 way system cassette indoor unit
D = Ductless indoor unit
K = Outdoor unit
M = Vertical ducted indoor unit
S = Double round cassette indoor unit
W = High wall indoor unit

Type
4 = Heat Pump
L = Low ambient cooling

Connection Type
5 = Flow

Nominal Capacity
12 = 12,000 Btu/h
18 = 18,000 Btu/h
24 = 24,000 Btu/h
30 = 30,000 Btu/h
36 = 36,000 Btu/h
42 = 42,000 Btu/h
48 = 48,000 Btu/h

Major development sequence
A = First development sequence
B = Second development sequence

Electric power supply characteristics
1 = 208-230/60/1

Reserved for future use
7 = Standard

Miscellaneous digit
N = North American market (mini split) models

Reserved for future use
0 = Standard

Minor Design Sequence
A = First design sequence
B = Second design sequence

Service digit (not used for ordering)
A = First sequence
B = Second sequence

Read Only

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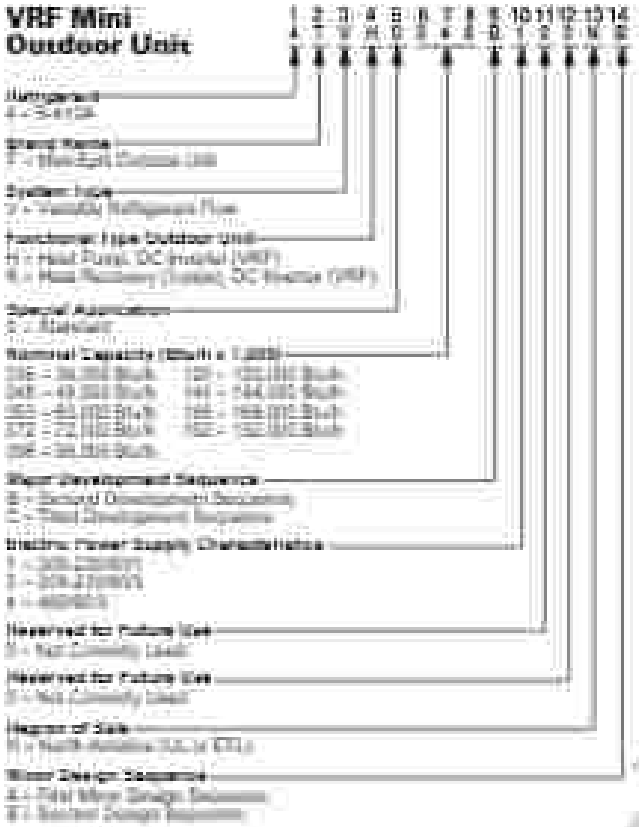
BUILT TO A HIGHER STANDARD

American Standard

HEATING & AIR CONDITIONING

Model Nomenclature Residential

VRF Mini Outdoor Unit



1 2 3 4 5 6 7 8 9 10 11 12 13 14
4 T V H D S 4 8 B 1 2 3 N B

Refrigerant
4 = R-410A

Brand Name
T = Mini-Split Outdoor Unit

System Type
V = Variable Refrigerant Flow

Functional Type Outdoor Unit
H = Heat Pump, DC Inverter (VRF)
R = Heat Recovery (Turbo), DC Inverter (VRF)

Special Application
S = Standard

Nominal Capacity (Btu/h x 1,000)
[illegible]

Major Development Sequence
B = Second Development Sequence
C = Third Development Sequence

Electric Power Supply Characteristics
1 = 208-230/60/1
2 = 208-230/60/3
4 = 460/60/3

Reserved for Future Use
2 = Not Currently Used

Reserved for Future Use
3 = Not Currently Used

Region of Sale
N = North America (UL or ETL)

Minor Design Sequence
A = First Design Sequence
B = Second Design Sequence

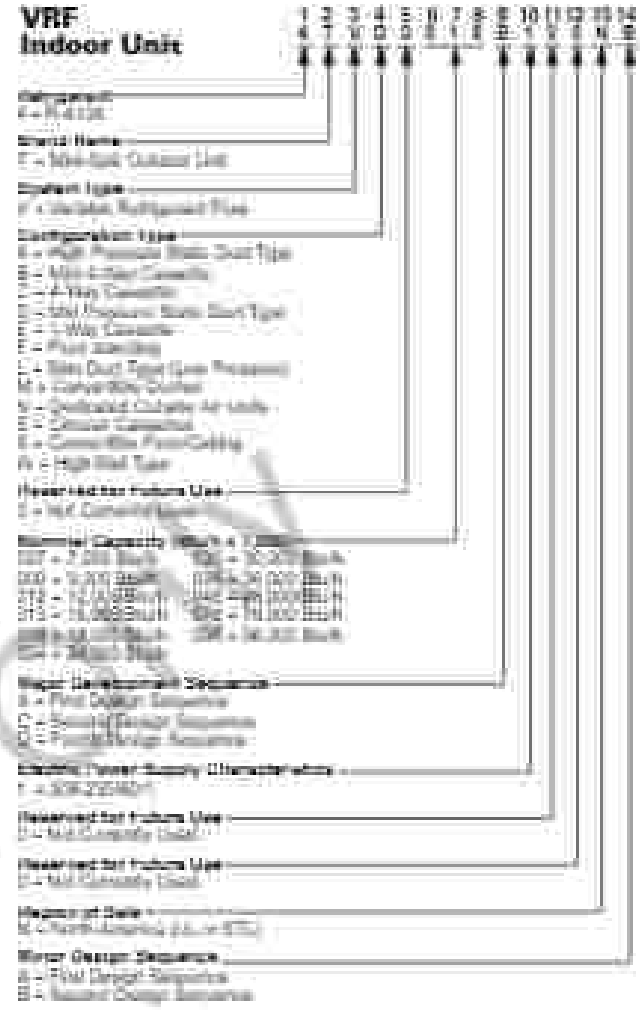
VRF Outdoor Unit

1 2 3 4 5 6 7 8 9 10 11 12 13 14
4 T V H D S 4 8 B 1 2 3 N B

Refrigerant
4 = R-410A

Brand Name
T = Mini-Split Outdoor Unit

System Type
V = Variable Refrigerant Flow



Functional Type Outdoor Unit
H = Heat Pump, DC Inverter (VRF)
R = Heat Recovery (Turbo), DC Inverter (VRF)

Special Application
S = Standard
L = Promoted

Nominal Capacity (Btu/h x 1,000)
[illegible]

Major Development Sequence
B = Second Development Sequence
C = Third Development Sequence (Non Generation)

Electric Power Supply Characteristics
1 = 208-230/60/1
2 = 208-230/60/3
4 = 460/60/3

Reserved for Future Use
2 = Not Currently Used

Reserved for Future Use
3 = Not Currently Used

Region of Sale
N = North America (UL or ETL)

Minor Design Sequence
A = First Design Sequence
B = Second Design Sequence
C = Third Design Sequence

VRF Indoor Unit

1 2 3 4 5 6 7 8 9 10 11 12 13 14
4 T V D S 4 8 B 1 2 3 N B

Refrigerant
4 = R-410A

Brand Name
T = Mini-Split Outdoor Unit

System Type
V = Variable Refrigerant Flow

Configuration Type
A = High Pressure Static Duct Type
B = Mini-4-Way Cassette
C = 4-Way Cassette
D = Mid Pressure Static Duct Type
E = 1-Way Cassette
F = Front Standing
L = Side Duct Type (Low Pressure)
M = Convertible Outlet
N = Dedicated Outside Air Units
S = Circular Cassette
T = Convertible Front/Ceiling
W = High Wall Type

Reserved for Future Use
2 = Not Currently Used

Nominal Capacity (Btu/h x 1,000)
[illegible]

Major Development Sequence
A = First Design Sequence
C = Second Design Sequence
D = Fourth Design Sequence

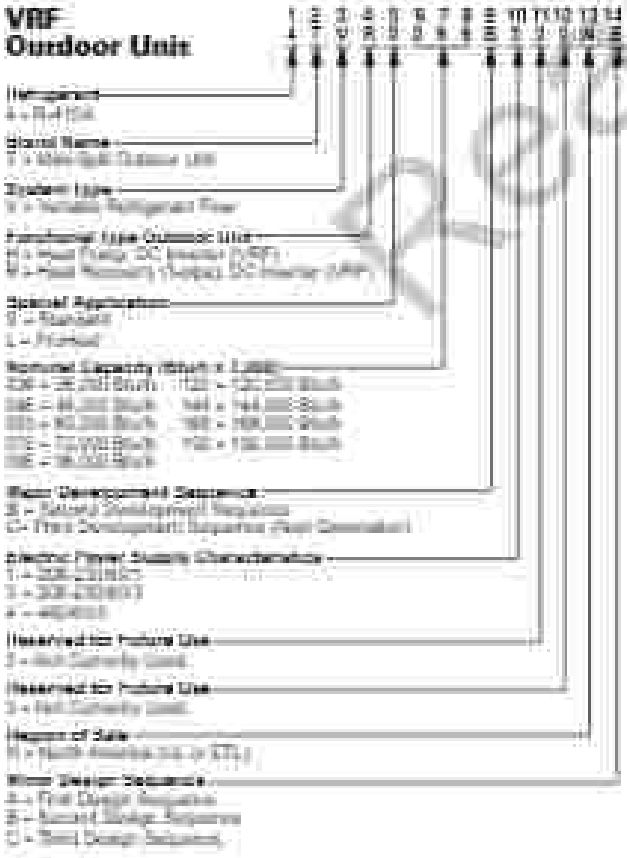
Electric Power Supply Characteristics
1 = 208-230/60/1

Reserved for Future Use
2 = Not Currently Used

Reserved for Future Use
3 = Not Currently Used

Region of Sale
N = North America (UL or ETL)

Minor Design Sequence
A = First Design Sequence
B = Second Design Sequence



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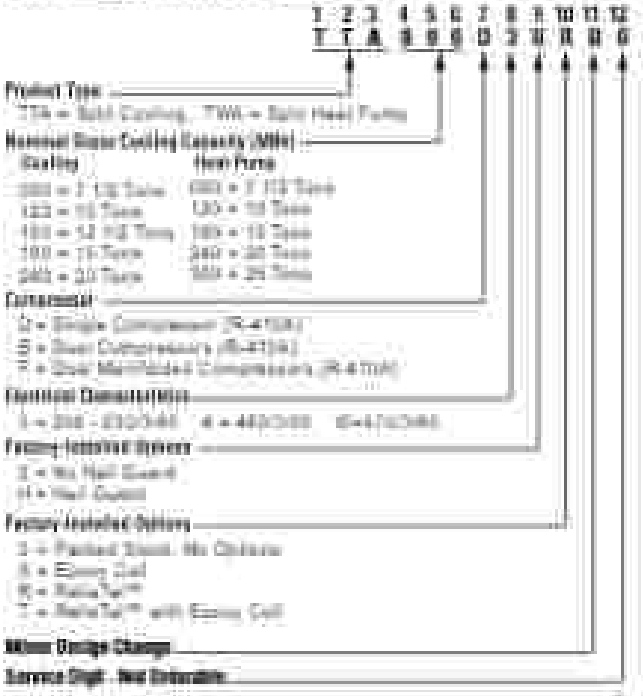
Read Only

American Standard
HEATING & AIR CONDITIONING

Model Nomenclature
Light Commercial

Commercial Condensing Units
Cooling and Heat Pump



Air Handler - Commercial

Read Only

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BUILT TO A HIGHER STANDARD

American Standard

HEATING & AIR CONDITIONING

Model Nomenclature
Light Commercial

Packaged Units

Y	H	C	0	3	7	E	3	R	Z	B	*	*	C	0	0	0	A	1	0	0	0	0	A	1
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25

Digit 1 – Unit Type

Y = 2X Cooling

Digit 2 – Efficiency

H = High Efficiency

Digit 3 – Airflow

C = Convertible

Digit 4,5,6 – Nominal Cross Cooling Capacity (MBH)

024 = 2 Tons

048 = 4 Tons

060 = 5 Tons

Digit 7 – Major Design Sequence

E = R-410A Refrigerant

Digit 8 – Voltage Selection

3 = 208/230/60/3

4 = 460/60/3

Digit 9 – Unit Controls

R = Reliatel™ Microprocessor

Digit 10 – Heating Capacity

0 = No Electric Heat	G = 18 kW (1&3 phase)
B = 6 kW (3 phase)	J = 23 kW (3 phase)
E = 12 kW (3 phase)	

L = Low Heat

M = Medium Heat

H = High Heat

S = Low Heat, Stainless Steel Heat Exchanger

T = Medium Heat, Stainless Steel Heat Exchanger

4 = High Heat, Stainless Steel Heat Exchanger

Digit 11 – Minor Design Sequence

A = First Sequence

Digit 12,13 – Service Sequence

** = Factory Assigned

Digit 14 – Fresh Air Selection

0 = No Fresh Air

A = Manual Outside Air Damper 0-50%

B = Motorized Outside Air Damper 0-50%

C = Economizer, Dry Bulb 0-100% without Barometric Relief

D = Economizer, Dry Bulb 0-100% with Barometric Relief

E = Economizer, Reference Enthalpy 0-100% without Barometric Relief

F = Economizer, Reference Enthalpy 0-100% with Barometric Relief

G = Economizer, Comparative Enthalpy 0-100% without Barometric Relief

H = Economizer, Comparative Enthalpy 0-100% with Barometric Relief

K = Low Leak Economizer, Dry Bulb with Barometric Relief

M = Low Leak Economizer, Comparative Enthalpy with Barometric Relief

P = Low Leak Economizer, Reference Enthalpy with Barometric Relief

Digit 15 – Supply Fan/Drive Type/Motor

0 = Standard Drive

1 = Oversized Motor

4 = Optional Belt Drive Motor

6 = Single Zone VAV

7 = Multi-Speed Indoor Fan

E = Vari Supply Air Temperature Control Standard Motor

Digit 16 – Hinged Service Access/Filters

0 = Standard Panels/Standard Filters

A = Hinged Access Panels/Standard Filters

B = Standard Panels/2" (50.8) Pleated Filters

C = Hinged Access Panels/2" (50.8) Pleated Filters

D = Standard Panels/4" (101.6) Pleated Filters

E = Hinged Access Panels/4" (101.6) Pleated Filters

Digit 17 – Condenser Coil Protection

0 = Standard Coil

1 = Standard Coil with Hail Guard

2 = Black Epoxy Pre-Coated Condenser Coil

3 = Black Epoxy Pre-Coated Condenser Coil with Hail Guard

4 = Complete Coil™ Condenser Coil

5 = Complete Coil™ Condenser Coil with Hail Guard

Digit 18 – Through the Base Provisions

Note: Applicable to Digit 1, 7 and 8 only

0 = No through the Base Provisions

A = Through the Base Electrical

B = Through the Base Gas Piping

C = Through the Base Electrical and Gas Piping

Digit 19 – Disconnect/Circuit Breaker (three - phase only)

0 = No Disconnect/No Circuit Breaker

1 = Unit Mounted Non-Fused Disconnect

2 = Unit Mounted Circuit Breaker

Digit 20 – Convenience Outlet

0 = No Convenience Outlet

A = Unpowered Convenience Outlet

B = Powered Convenience Outlet

Unpowered only on 4P

Digit 21 – Communications Options

0 = No Communications Interface

3 = Honeywell ZONE Controls

A = Honeywell EIA-485 Controls without Zone Sensors

L = Honeywell EIA-485 Controls Interface with LCCV

K = LINCnet™ Communications Interface

Digit 22 – Refrigeration System Option

0 = Standard Refrigeration System

S = Hot Gas Reheat Option

Digit 23 – Refrigeration Controls

Note: Applicable to Digit 7 = E

0 = No Refrigeration Controls

1 = Frostat

2 = Distributed Freezestat

3 = Frostat and Distributed Freezestat

Digit 24 – Smoke Detectors

0 = No Smoke Detector

A = Return Air Smoke Detector

B = Supply Air Smoke Detector

C = Supply and Return Air Smoke Detectors

D = Plenum Smoke Detector

Digit 25 – Monitoring Controls

0 = No Monitoring Controls

1 = Dirty Filter Switch

2 = Fan Failure Switch

3 = Discharge Air Sensing Tube

4 = Dirty Filter Switch and Fan Fail Switch

5 = Dirty Filter Switch and Discharge Air Sensing Tube

6 = Fan Fail Switch and Discharge Air Sensing Tube

7 = Dirty Filter and Fan Fail Switches and Discharge Air Sensing Tube

8 = Room Return Air Sensor

9 = Room Zone Sensor

A = Condensate Drain Pan Overflow Switch

B = Dirty Filter Switch/Fan Condensate Drain Pan Overflow Switch

C = Fan Failure Switch/Fan Condensate Drain Pan Overflow Switch

D = Discharge Air Sensor/Fan Condensate Drain Pan Overflow Switch

E = Dirty Filter Switch/Fan Failure Switch and Condensate Drain Pan Overflow Switch

F = Dirty Filter Switch/Discharge Air Sensing Tube and Condensate Drain Pan Overflow Switch

G = Fan Failure Switch, Discharge Air Sensing Tube and Condensate Drain Pan Overflow Switch

H = Dirty Filter Switch/Fan Failure Switch/Discharge Air Sensor/Fan and Condensate Drain Pan Overflow Switch

Digit 26 – System Monitoring Controls

0 = No Monitoring Controls

A = Demand Control Ventilation (CO2) [28]

B = Fault Detection and Diagnostics [2] (FDD)

C = Fault Detection and Diagnostics [2] (FDD) with Demand Control Ventilation

Digit 27 – Unit Hardware Enhancements

0 = No Enhancements

1 = Oversized Sized (Drain) Pan

Digit 28 – Advanced Unit Controls

0 = Standard Sized (Drain) Pan

1 = Profile Interface

---

(1) Standard on all variable airflow units.

(2) Default mode of sensor will only be to supplied with the unit, but must be field installed.

(3) High pressure control is standard on all units.

(4) Condensate drain shall be attached to 3/4" for variable airflow units.

Digit 12 = 5, 6

3 Phase 230 Volt = High Efficiency Compact Coil

(5) Economizer with Barometric Relief is for downflow configured units only. Order Economizer without Barometric Relief for horizontal configuration. Barometric Relief for horizontal configured units must be ordered as field installed accessory.

(6) Through the base electric required when ordering Economizer or Convenience Outlet.

(7) Requires use of Disconnect or Circuit Breaker.

Not Available

High Efficiency

SC for a Standard Indoor Motor and 60

(8) Standard economizer sensors are TDIs.

(9) The return air smoke detector may not fit up in unit properly on the Packaged Unit when used in conjunction with 3rd party accessories, such as filter rack, economizer and power exhaust. Do not order the return air smoke detector when using this type of accessory.

(10) Return air smoke detector cannot be ordered with Room Controls.

(11) These options are available when ordering Room Controls.

(12) This option is used when ordering Room Controls.

(13) Includes gas piping and shutoff field assembly required.

(14) Not available with high static/motor and blower assembly.

(15) Room Sensor utilized with Digit 25 = 1 or 2 (Room CO2 Controls without Zone Sensor).

(16) Available for 2 or 3 ton High Efficiency Models.

(17) Required selection of 2" Pleated Filters (option B or C) in Digit 16.

For complete equipment / combination assembly, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installation Guides and Limited Warranty Handbooks.

Effective 01/18
SA-PRC018-EN

BUILT TO A HIGHER STANDARD

American Standard.

HEATING & AIR CONDITIONING

Model Nomenclature Light Commercial

G	A	C	1	8	0	A	3	E	Z	A	0	0
1	2	3	4	5	6	7	8	9	10	11	12	13

Digit 1 – Unit Type

G = Packaged Cooling, Electric Heat
G = Packaged Cooling, Electric Heat

Digit 2 – Efficiency

A = ASHRAE 90.1 - 2010

Digit 3 – Airflow Configuration

C = Convertible
D = Downflow Only[1]

Digit 4, 5, 6 – Nominal Cross Cooling Capacity (MBH)

180 = 15 Tons
210 = 17½ Tons
240 = 20 Tons
300 = 25 Tons

Digit 7 – Major Design Sequence

A

Digit 8 – Voltage Selection

3 = 208-230/60/3
4 = 460/60/3
5 = 380/60/3
6 = 575/60/3

Digit 9 – Unit Controls

S = Electromechanical

Digit 10 – Heating Capacity

Note: (Applicable to Digit 1 & models only)

E = No Heat
G = 18 kW Electric Heat
M = 36 kW Electric Heat
P = 54 kW Electric Heat
R = 72 kW Electric Heat

Note: (Applicable to Digit 1 & models only)

H = Gas Heat - High[2]
L = Gas Heat - Low
M = Gas Heat - Medium
S = Gas Heat - 5% Pt 2x - Low
M = Gas Heat - 5% Pt 2x - Medium
Z = Gas Heat - 5% Pt 2x - High[2]

Digit 11 – Minor Design Sequence

Digit 12-13 – Service Sequence

S = Scale

Digit 14 – Fresh Air Selection

C = No Fresh Air
A = Manual Outside Air Damper 0-50%
B = Minimum Outside Air Damper 0-50%
C = Economizer, Dry Bulb 0-100%, without Barometric Hood
D = Economizer, Dry Bulb 0-100%, with Barometric Hood[3]
E = Economizer, Reference Enthalpy 0-100%, without Barometric Hood
F = Economizer, Reference Enthalpy 0-100%, with Barometric Hood[3]
G = Economizer, Comparative Enthalpy 0-100%, without Barometric Hood
H = Economizer, Comparative Enthalpy 0-100%, with Barometric Hood[3]

Digit 15 – Supply Fan/Drive Type/Motor

D = Standard Motor
T = Oversized Motor
F = Multi-Speed Standard Motor
G = Multi-Speed Oversized Motor

Digit 16 – Not Used

Digit 17 – Condenser Coil Protection

C = Standard Coil
A = Complete Coil[4] Condenser Coil

Digit 18 – Through The Base Provisions

Note: (Applicable to Digit 1 & models)

C = No Through The Base Provisions
A = Through The Base Electric

Note: (Applicable to Digit 1 & models only)

D = No Through The Base Provisions
A = Through The Base Electric
B = Through The Base Gas[5]
C = Through The Base Electric Gas

Digit 19 – Disconnect Switch

C = No Disconnect Switch Need
1 = Unit Mounted Non-Fused Disconnect Switch[6]

Digit 20 – Not Used

Digit 21 – Not Used

Digit 22 – Not Used

Digit 23 – Not Used

Digit 24 – Not Used

Digit 25 – System Monitoring Controls

C = No Monitoring Controls
A = Condensate Drain Pan Overflow Switch

[1] Some field set up required.
[2] Must be ordered with Through the Base Electrical option.
[3] All Factory Installed Options are Built-in Units. Direct order returns for authorized production units.
[4] High heat is available on downflow units only.

Read Only

For complete equipment / combination assertions, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

Effective 1/1/18
14-1014-20

BUILT TO A HIGHER STANDARD
American Standard
HEATING & AIR CONDITIONING

Conventional 24 Volt Connected Controls

GOLD 824
ACONT824AS52DA

NEXIA

ACONT824AS52DA

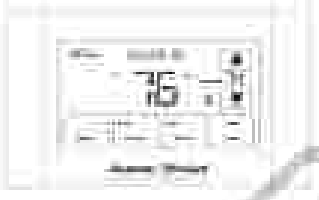
- Nexia™ Z-Wave Bridge Inside
- Connect over 200 Z-Wave devices(1)(2)
- WiFi or Ethernet connection
- Control from a smartphone, tablet, or computer (3)(4)
- 4.3" diagonal color touchscreen
- 7 Day programmable with up to four schedules per day
- Five day weather forecast, weather radar, and weather alerts (4)
- Indoor relative humidity display
- Enhanced dehumidification (cooling)
- 2 Auxiliary dry contacts control 2 of the following: Whole house humidifier, dehumidifier, or ventilation system
- Test modes and alert diagnostics
- Screen access restrictions
- Nexia™ Diagnostics (4)
- Over the air software upgrade (4)
- Local software upgrade option
- Silver color
- Limited Warranty, 5 yr. base/10 yr. registered

Application:

- Conventional gas/electric, heat pump, and dual fuel systems
- Conventional boiler systems (forced air only)
- Conventional HVAC systems
- 2 Heat / 2 cool
- Heat Pump systems: Up to 5 stages heat / 2 stages cool (2 compressor heat - 3 auxiliary heat / 2 cooling)
- Heat Pump switchover valve selectable "with cool or with heat"
- Remote wired indoor temperature sensor (optional) ZZSENSAL0400AA
- Remote wireless indoor temperature and humidity sensor (optional): ZSENS830AW00MA
- Remote wired outdoor temperature sensor (optional) BAYSEN01ATEMPA
- PWM Circuit (BK terminal), controls indoor unit variable speed blower
- Wall cover plate BAYCOVR800A

Dimensions:

- Product: 5.43"w x 3.39"h x 1.30"d
- Display: 4.15"w x 2.65"h



SILVER 724
ACONT724AS42DA

NEXIA

ACONT724AS42DA (4)

- Nexia™ compatible (3)(4)
- WiFi connectivity
- Control from a smartphone, tablet, or computer (3)(4)
- 4.3" diagonal black and white touchscreen
- 7 Day programmable with up to 4 schedules per day
- Humidity sensor and RH display
- Remote temperature sensor connections (1 indoor/1 outdoor)
- Auxiliary & compressor heat lockouts
- Auxiliary dry contact
- Enhanced dehumidification (cooling)
- PWM Circuit (BK terminal), controls indoor unit variable speed blower
- Energy Savings Mode (ESM)
- Screen lock and guest lock
- Service test modes
- Upgradable software
- Color: Designer Silver
- Limited Warranty: 1 yr. base/5 yr. registered

Application:

- Up to 4 Stages Heat/2 Stages Cool
- Conventional gas/electric, heat pump, and dual fuel systems
- Conventional boiler systems (baseboard & radiators)
- Remote wired indoor temperature sensor (optional): ZZSENSAL0400AA
- Remote wired outdoor temperature sensor (optional): BAYSEN01ATEMPA
- Wall cover plate BAYCOVR800A
- Nexia™ Bridge is required for control of Z-Wave devices and remote climate access. The Nexia™ Bridge is purchased separately. (3)(4)

Dimensions:

- Product: 5.9"w x 3.47"h x .95"d
- Display: 3.8"w x 2.3"h

(1) Requires internal service and Nexia™ smart home system registration.
(2) Nexia™ remote climate access is included with the purchase for up to 4 Connected Controls per home. Adding accessories to additional controls (4) your Nexia™ system may require a monthly subscription.
(4) Available 2018

For complete equipment / combination assertions, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

B/Nexia 1/1/18
14-1011-08

Read Only

BUILT TO A HIGHER STANDARD
American Standard
HEATING & AIR CONDITIONING

Conventional 24 Volt Connected Controls

SILVER 624
ACONT624A542DA

NEXIA

ACONT624A542DA

- Nexia™ compatible
- Z-wave connectivity
- Control from a smartphone, tablet, or computer (note)
- 4.3" diagonal black and white touchscreen
- 7 Day programmable with up to 4 schedules per day
- Humidity sensor and RH display
- Remote temperature sensor connections (1 indoor/1 outdoor)
- Auxiliary & compressor heat lockouts
- Auxiliary dry contact
- Enhanced dehumidification (cooling)
- Adjustable variable speed fan settings (PWM)
- Energy Savings Mode (ESM)
- Screen lock and guest lock
- Service test modes
- Upgradable software
- Silver color
- Limited Warranty, 1 yr. [illegible] 3 yr. registered

Application:

- Up to 4 Stages Heat/2 Stages Cool
- Conventional gas/electric, heat pump, and dual fuel systems
- Conventional boiler systems (baseboard & radiators)
- Remote wired indoor temperature sensor (optional): ZZSENSAL0400AA
- Remote wired outdoor temperature sensor (optional): BAYSEN01ATEMPA
- Wall cover plate BAYCOVR600A
- Nexia™ Bridge is required for control of Z-Wave devices and remote climate access. The Nexia™ Bridge is purchased separately.

Dimensions:

- Product: 5.9"w x 3.47"h x .95"d
- Display: 3.8"w x 2.3"h

Read Only

(1) Requires internal service and Nexia™ smart home system registration.
(2) Nexia™ remote climate access is included with the purchase for up to 4 Connected Controls per home. Adding accessories or additional controls to your Nexia™ system may require a monthly subscription. Remote access is via most web enabled smartphones, tablets and computers.
(3) Requires Nexia™ Bridge.

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

Effective 1/1/19
14-1011-20

BUILT TO A HIGHER STANDARD

American Standard

HEATING & AIR CONDITIONING

AccuLink™ Communicating Connected Controls

PLATINUM 1050
AZON1050AC52ZA

NEXIA

AZON1050AC52ZA

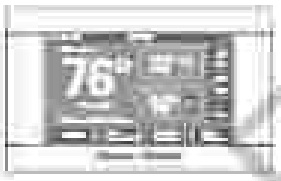
- Nexia™ Z-Wave Bridge Inside
- Connect over 200 Z-Wave devices(1)
- Nexia™ Diagnostics (2)
- WiFi or Ethernet connection
- Control from a smartphone, tablet, or computer (3)
- 7" diagonal color touchscreen
- 1 Touch Presets - Home, Away, Sleep
- 7 Day programmable with up to four schedules per day
- Customizable Home Screen
- Runtime History
- Allergy and Quick Clean Air Cycles
- Smart Continuous Fan
- Adjustable Continuous Airflow (35-100%)
- Screen access restrictions
- Dealer Contact Widget
- Service, Filter, Humidifier, UV Light, Air Cleaner Reminders
- Five day weather forecast, weather radar, and weather alerts (2)
- Indoor relative humidity display
- Test modes and alert diagnostics
- Over the air Software Upgrade (2)
- Local Software Upgrade option
- Color: Designer Silver
- Limited Warranty: 5 yr. base/10 yr. registered

Application:

- AccuComfort™ Variable Speed
- AccuLink™ II Two Stage Systems
- AccuLink™ II Zoning Systems
- AccuComfort™ Variable speed outdoor cooling or heat pump unit combined with S-Series non-communicating variable speed furnace and "C" model Relay Panel
- Relay panel (BAY24VRPS2DC) is required when applied with conventional systems (Gas Electric, Heat Pump, Dual Fuel, Boilers - forced air only)
- Relay Panel Supports:
  - Up to 5 stages heat, 2 stages cool
  - Connections for Remote indoor and outdoor temperature sensors
  - 3 Dry Auxiliary Contacts to control whole house humidifier, dehumidifier, or ventilation system
- Remote wired indoor temperature sensor (optional) ZZSENSAL0400AA
- Remote wireless indoor temperature and humidity sensor (optional) ZSENS900AW00MA
- Remote wired outdoor temperature sensor (optional) BAYSEN01ATEMPA

Dimensions:

- Product: 7.2"w x 4.5"h x 1.2"d
- Display: 6.1"w x 3.3"h



PLATINUM 850
ACONT850AC52UA

NEXIA

ACONT850AC52UA

- Nexia™ Z-Wave Bridge Inside
- Connect over 200 Z-Wave devices
- WiFi (802.11 b/g/n) or Ethernet connection
- Control from a smartphone, tablet, or computer (3)
- 4.3" diagonal color touchscreen
- Compatible with AccuLink™ communicating systems (variable speed and two stage)
- Compatible with conventional 24 volt HVAC, heating, heat pump, and dual fuel systems when used with accessory relay panel model BAY24VRPAC52DB
- 7 Day programmable with up to six schedules per day
- Five day weather forecast, weather radar, and weather alerts (2)
- Indoor relative humidity display
- Test modes and alert diagnostics
- Nexia™ Diagnostics
- Upgradable software
- Silver color
- Wall Cover Plate BAYCOVR000A
- Limited Warranty: 5 yr. base/10 yr. registered

Application:

- AccuLink™ communicating systems (variable speed and two stage)
- Variable speed outdoor cooling combined with S-Series non-communicating variable speed furnace and "C" model Relay Panel
- Conventional gas/electric, heat pump, dual fuel systems, or boiler systems (forced air only) with use of relay panel model BAY24VRPAC52DB. Relay panel controls up to 5 stages heat, 2 stages cool, remote indoor and outdoor connections, humidifier, dehumidifier, and ventilation system
- Remote wired indoor temperature sensor (optional) ZZSENSAL0400AA
- Remote wireless indoor temperature and humidity sensor (optional) ZSENS900AW00MA
- Remote wired outdoor temperature sensor (optional) BAYSEN01ATEMPA

Dimensions:

- Product: 5.43"w x 3.39"h x 1.00"d
- Display: 4.15"w x 2.85"h

(1) Requires internet service and connection to Nexia™ smart home system.
(2) Nexia™ remote climate access is included with the purchase of up to 4 Connected Controls per home. Adding accessories to your Nexia™ system may require a monthly subscription for remote access via most web-enabled smartphones, tablets and computers.

For complete equipment / combination assertions, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

Read Only

Effective 1/1/18
14-1011-08

BUILT TO A HIGHER STANDARD

American Standard

HEATING & AIR CONDITIONING

Nexia™ Bridges & Starter Bundles

Nexia™ Bridge

Nexia™ Bridge
SKU: 811097025635

- Includes Nexia™ Bridge (Z Wave to broadband), ethernet cable, and power supply
- The Nexia™ Bridge allows remote access of Z Wave enabled devices through your smart phone, tablet, or PC
- Secure Connection with server for homeowner protection
- Easy Installation and Set Up

Application:
Use with Nexia™ compatible Z Wave devices.

Dimensions:
- Nexia™ Bridge: 2.13" w x 4.65" d x 1.2" h
- Shipping Weight: 1 lb

Nexia™ Bridge

Nexia™ Bridge
SKU: 811097025635

- Includes Nexia™ Bridge (Z Wave to broadband), ethernet cable, and power supply
- The Nexia™ Bridge allows remote access of Z Wave enabled devices through your smart phone, tablet, or PC
- Secure Connection with server for homeowner protection
- Easy Installation and Set Up

Application:
Use with Nexia™ compatible Z Wave devices.

Dimensions:
- Nexia™ Bridge: 4.0" w x 4.8" h x 1.4" d
- Shipping Weight: 1 lb

Nexia™ Bridge Starter Bundle with Home Appliance Module

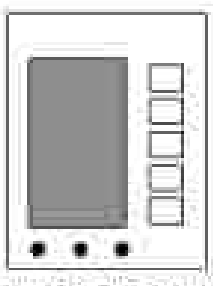
Nexia™ Home Starter Bundle
SKU: 811097029129

- Includes: Nexia™ Bridge (Z Wave to broadband), type RP100BX Home Appliance Module, ethernet cable and power supply
- The Nexia™ Bridge allows remote access of Z Wave enabled devices through your smart phone, tablet, or PC
- Secure Connection with server for homeowner protection
- Easy Installation and Set Up

Application:
- Use with Nexia™ compatible Z Wave devices.

Dimensions:
- Nexia™ Bridge 4.0" w x 4.8" h x 1.4" d
- Home Appliance Module: 4.0" W x 2.4" H x 1.6" d
- Shipping Weight: 2 lbs.

Scene Controller



Nexia™ One Touch

Nexia™ One Touch
SKU: 811097025541

- Control smart products with the touch of a button ®
- Assign any mode or automation to any button
- 16 Programmable Presets
- Works stand alone, no phone and computer required

Application:
- Power: 2 AAA Alkaline Batteries
- RF: 908.4 MHz
- Battery Life: Approximately 1 year
- Indoor Use Only
- Mounting: Includes screws and wall anchors

Dimensions:
- Size: 3.25" w x 4.56" h x .060" d
- Weight: 1 lb

For complete equipment / combination selection, installation instructions and warranty information, please refer to Product Data/Ratings and/or Owner's Guides and Limited Warranty Handbooks.

® Nexia, Inspired, and Nexia™ smart home system registered

BUILT TO A HIGHER STANDARD
American Standard
HEATING & AIR CONDITIONING

Nexia™ Compatible Products

Dimmer Modules

Light Dimmer Module

Dimmer Light Module
SKU: 811097020082

- Dimmer Light Module and Z-Wave Signal Repeater
- Used to control and dim plug-in incandescent lighting ①

Application:

- Max load both outlets = 15 Amps, 1800 Watt resistive
- Max load Z-Wave controlled outlet = 300 Watts incandescent only
- Shipping Weight 1 lb.

Home Appliance Module

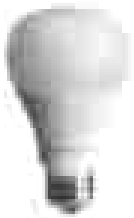
Appliance Module
SKU: 811097020044

- Home Appliance Module and Z-Wave Signal Repeater
- Used to control small appliances and plug-in incandescent, fluorescent, and LED lighting. On/Off control ①
- May be used to control/reduce standby loss from plug-in power supplies and small electronic loads ①

Application:

- Max load both outlets = 15 Amps, 1800 Watt resistive
- Max load Z-Wave controlled outlet = 600 Watts incandescent, 1/2 HP, 1800 Watt resistive
- Shipping Weight 1 lb.

Lighting



Z-Wave Light Bulb

LED Light Bulb
SKU: 093863122986

- 60 watt equivalent LED dimmable Z-Wave light bulb
- Compatible with any certified Z-Wave based system such as Nexia™ ①
- Instant on and fully dimmable
- 22.5 years life at 3 hours per day average use
- 2700K soft white light
- Light can be activated, deactivated and fully dimmed remotely ①
- Light can be triggered from compatible sensors and locks ①

Application:

- Protocol: Z-Wave
- Manufacturer: Linear
- Manufactured in China

Unit Dimensions:

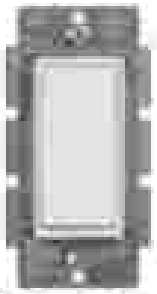
- 2.95" x 4.92" x 2.95"
- Unit weight: 4.8 oz

Case Dimensions:

- Quantity - 10 units
- 4.5" x 3.3" x 5.3"

Warranty

- 1-Year Limited Warranty



G.E. In-Wall Fan Control Switch

Fan Control Switch
SKU: 030878127301

- Turn fan on/off and control up to three speed levels remotely from Nexia™ app
- Interchangeable paddles, white and light almond included in package (wall plate not included)
- Easy to install, includes space saving screw terminals and neutral jumper wires
- Automate with Nexia™ based on temperature (with Z-Wave temperature sensor) or time of day
- Trigger actions from other smart products
- LED indicator glows in dark

Application:

- Protocol: Z-Wave
- Power: 120 VAC, 60Hz
- Max Load: 1.5A no more than two identical fans per switch not to exceed 1.5A resistive load - Controls Fan Motor Only - for use with split capacitor or shaded pole ceiling fan motors
- Operating Temperature: 0°C-40°C
- Indoor Use Only
- Specifications subject to change without notice

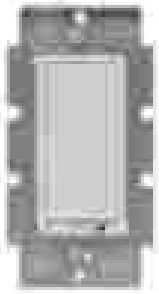
For complete equipment / combination assertions, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

① Requires internet service and Nexia™ smart home system registration.

Reader Only

BUILT TO A HIGHER STANDARD
American Standard
HEATING & AIR CONDITIONING

Nexia™ Compatible Products



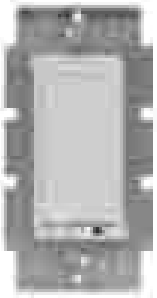
G.E. In-Wall Dimmer Switch

Dimmer Switch
SKU: 043180457127

- Turn light on/off or dim any incandescent lighting remotely from Nexia™ app to
- Interchangeable paddles, white and light almond included in package (wall plate not included)
- Easy to install; includes space-saving screw terminals
- Automate with Nexia™ based on time of day
- Trigger actions from other smart products
- LED indicator glows in dark

Application:
- Protocol: Z-Wave
- Power: 120 VAC, 60Hz
- Max Load: 1000W, 2-gang 800W and 3-gang 600W
- Operating Temperature: 0°C-40°C
- Indoor Use Only
- Specifications subject to change without notice

Warranty
- 1 Year Limited Warranty



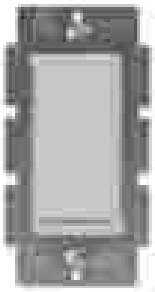
G.E. In-Wall On/Off Switch

On/Off Switch
SKU: 043180457097

- Turn any light on/off remotely from Nexia™ app to
- Interchangeable paddles, white and light almond included in package (wall plate not included)
- Easy to install; includes space-saving screw terminals
- Automate with Nexia™ based on time of day
- Trigger actions from other smart products
- LED indicator glows in dark

Application:
- Protocol: Z-Wave
- Power: 120 VAC, 60Hz
- Max Load: 960W Incandescent, 1/3 HP Motor, 1800W (15A) Resistive
- Operating Temperature: 0°C-40°C
- Indoor Use Only
- Specifications subject to change without notice

Warranty
- 1 Year Limited Warranty



G.E. In-Wall 3-Way Add-on Switch

3-Way Add-on Switch
SKU: 043180457103

- The GE Add On Switch mirrors the functionality of the GE switch with which it is paired. Unlike traditional lighting controls, all paired switches perform the same functions. (1)
- Compatible with all In Wall GE Switches, Dimmers and Fan Controls
- Required for use with 3- and 4-way wiring
- Interchangeable paddles, white and light almond included in package (wall plate not included)
- Easy to install; includes space-saving screw terminals

Application:
- Protocol: Z-Wave
- Power: 120 VAC, 60Hz
- Operating Temperature: 0°C-40°C
- Indoor Use Only
- Specifications subject to change without notice

Warranty
- 1 Year Limited Warranty

Read Only

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

CHS-8

(1) Requires internet service and Nexia™ smart home system registration.

Effective 1/1/19
14-1011-20

BUILT TO A HIGHER STANDARD
American Standard
HEATING & AIR CONDITIONING

Nexia™ Compatible Products

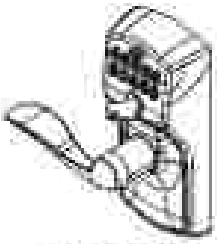
Linear In-Wall Switch

On/Off Switch
SKU: 093863122941
- Turn any light on/off remotely from Nexia™ app (1)
- Includes decor wall plate
- Serves as Z-Wave repeater
- Automate with Nexia™ based on time of day
- Trigger actions from other smart products
- LED indicator glows in dark

Application:
- Protocol: Z-Wave
- Power: 120 VAC, 60Hz
- Max Load: 960W Incandescent, 1/2 HP maximum
- Operating Temperature: 0°C-40°C
- Indoor Use Only
- Specifications subject to change without notice

Warranty
- 1 Year Limited Warranty

Locks and Deadbolts



Lever Lock

Lever Lock
- Remotely engage/release locking mechanism from a computer or compatible web enabled mobile device (1)
- Confirm lock status from a computer or compatible web enabled mobile device (1)
- Assign up to 19 personalized 4 digit codes
- Up to 3 year battery life
- Provides battery level status at the lock and remotely (1)
- Available in 3 finishes: Bright Brass, Satin Nickel, Aged Bronze
- Class 2 rated door lock
- Lifetime limited mechanical and finish warranty
- 1-year limited electronics warranty

Model number and finish:
- BAY599BBALLFEA - Bright Brass SKU: 043156296231
- BAY599SNALLFEA - Satin Nickel SKU: 043156296248
- BAY599ABALLFEA - Aged Bronze SKU: 043156296255

Dimensions:
- Carton Size: 8" x 7.75" x 9.56"
- Shipping Weight: 5.5 lbs.

Deadbolt

Deadbolt Lock
- Remotely engage/release locking mechanism from a computer or compatible web enabled mobile device (1)
- Confirm lock status from a computer or compatible web enabled mobile device (1)
- Assign up to 19 personalized 4 digit codes
- Up to 3 year battery life
- Provides battery level status at the lock and remotely (1)
- Available in 3 finishes: Bright Brass, Satin Nickel, Aged Bronze
- Class 2 rated door lock
- Lifetime limited mechanical and finish warranty
- 1-year limited electronics warranty

Model number and finish:
- BAY369BBADBBEA - Bright Brass SKU: 043156295982
- BAY369SNADBBEA - Satin Nickel SKU: 043156296157
- BAY369ABADBBEA - Aged Bronze SKU: 043156296194

Dimensions:
- Carton Size: 5.75" x 7.93" x 8.5"
- Shipping Weight: 6 lbs.

Read Only

For complete equipment / combination assertions, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

(1) Requires internet service and Nexia™ cloud home system registration.

E/Notice: 1/1/18
14-1011-20

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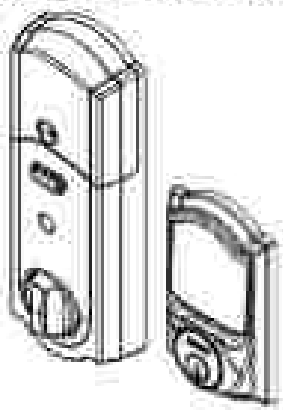
American Standard
HEATING & AIR CONDITIONING

Nexia™ Compatible Products

Locks and Deadbolts



Touchscreen Deadbolt Camelot

Camelot Touchscreen Deadbolt

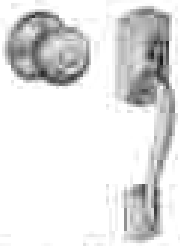
- Motorized bolt automatically locks and unlocks when code is entered
- Anti-pick shield protects against tampering
- Built-in alarm technology
- Remotely lock/unlock from a computer or compatible web enabled mobile device ☺
- Confirm lock status from a computer or compatible web enabled mobile device ☺
- Assign up to 30 personalized 4-6 digit codes
- Up to 3 year battery life
- Provides battery level status at the lock and remotely ☺
- Camelot touchscreen deadbolt available in Satin Nickel or Aged Bronze finish
- Lifetime limited mechanical and finish warranty
- 1-year limited electronics warranty

Model number and finish:

- BAY489SNACAMEA - Satin Nickel SKU: 043156312108
- BAY489ABACAMEA - Aged Bronze SKU: 043156312191
- BAY489BBACAMEA - Bright Brass SKU: 043156312207
- BAY489MBACAMEA - Matt Black SKU: 043156405[illegible]

Dimensions:

- Camelot: Inside 3.0"w x 5.0" H Inside 3.0"w x 8.28"h
- Shipping Weight: 3.8 lbs.



Handleset with Interior Knob

Lower Part of Schlage® Handleset with Interior Knob

- Lower part of handleset with knob in Satin Nickel, Aged Bronze or Bright Brass finish
- Lifetime limited mechanical and finish warranty

Finish	SKU
Satin Nickel	043156908325
Aged Bronze	043156908349
Bright Brass	043156908288

Handleset with Interior Lever

Lower Part of Schlage® Handleset with Interior Lever

- Lower part of handleset with lever in Satin Nickel, Aged Bronze or Bright Brass finish
- Available in left or right hand orientation
-
- Lifetime limited mechanical and finish warranty

L/R	Finish	SKU
LH	Satin Nickel	043156908233
RH	Satin Nickel	043156908226
LH	Aged Bronze	043156908271
RH	Aged Bronze	043156908264
LH	Bright Brass	043156908219
RH	Bright Brass	043156908202

Gregorian Knobs & Levers

Finish	SKU
Satin Nickel	043156894472
Aged Bronze	043156889938
Bright Brass	043156891245

Finish	SKU
Satin Nickel	043156791422
Aged Bronze	043156889914

Read Only

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

CHB-8

☺ Requires internet service and Nexia™ smart home system registration.

E/Rev.Date 1/1/19
14-1011-20

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Nexia™ Compatible Products

Touchscreen Deadbolt Century

Century Touchscreen Deadbolt

- Motorized bolt automatically locks and unlocks when code is entered
- Anti-pick shield protects against tampering
- Built-in alarm technology
- Remotely lock/unlock from a computer or compatible web enabled mobile device ☆
- Confirm lock status from a computer or compatible web enabled mobile device ☆
- Assign up to 30 personalized 4-6 digit codes
- Up to 3 year battery life
- Provides battery level status at the lock and remotely ☆
- Century touchscreen deadbolt available in Satin Nickel finish only

- Lifetime limited mechanical and finish warranty
- 1 year limited electronics warranty

Model number and finish:

- BAY469SNACENEA - Satin Nickel SKU: 043156312283
- BAY469MBACENEA - Matt Black SKU: 043156454069

Dimensions:

- Century: Outside 3.0"w x 5.0" H Inside 3.0"w x 8.17"h
- Shipping Weight: 3.8 lbs.

Wireless Cameras

Wireless Indoor Camera

Wireless Indoor Camera:
SKU: 811097020428

- Nexia™ Web Camera - Wireless
- Indoor, field camera (power supply included)
- Remotely view and monitor your home from a computer or compatible web enabled mobile device ☆
- Secure Connection with server for homeowner protection
- Plug and Play with System
- Infrared illumination for night vision

Application:

- Resolution: 1920 x 1080, 1280 x 720, 640 x 480, 320 x 240
- Video Compression: H.264, MJPEG
- Operating Temp: 32°F (0°C) to 113°F (45°C)
- Storage Temp: -4°F (-20°C) to 158°F (70°C)
- Wireless: IEEE 802.11b/g/n, WEP 64/128 bit, WPA/WPA2 personal security support
- Power Adapter: 12V/1A, 100~240VAC (indoor use only)

Dimensions:

- 2.8" W x 2.7" H x 1.2" D

Wireless Outdoor Camera

Wireless Outdoor Camera
SKU: 811097020419

- 1080P Wireless Web Camera
- Outdoor, field camera (power supply included)
- 300% more pixels 60% wider field (140°) of view from prior model outdoor camera
- 16GB onboard storage
- Built in motion sensor (trigger video when motion detected) and infrared illumination for night vision
- Remotely view and monitor your home from a computer or compatible web enabled mobile device ☆
- Secure Connection with server for homeowner protection
- Plug and Play with System

Application:

- Resolution: 1280 x 720, 640 x 480, 320 x 240
- Video Compression: H.264, MJPEG
- Operating Temp: -4°F (-20°C) to 104°F (40°C)
- Storage Temp: -40°F (-40°C) to 158°F (70°C)
- Wireless: IEEE 802.11b/g/n, WEP 64/128 bit, WPA/WPA2 personal security support
- Power Adapter: 12V/1.5A, 100~240VAC (indoor use only)

Dimensions:

- 3.3" W x 4.8" H x 3" D

For complete equipment / combination assertions, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

☆ Requires internet service and Nexia™ control home system registration.

B/Nexia 1/1/18
14-1011-08

Read Only

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Nexia™ Compatible Products

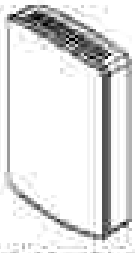
Wireless Indoor Camera

Wireless Indoor Camera
SKU: 811097020303
- Nexia™ Web Camera - Wireless
- Indoor, fixed camera (power supply included)
- Remotely view and monitor your home from a computer or compatible web enabled mobile device (1)
- Secure Connection with server for homeowner protection
- Plug and Play with System
- Infrared illumination for night vision

Application:
- Resolution: 1280 x 720, 640 x 480, 320 x 240 (QVGA)
- Video Compression: H.264, MJPEG
- Operating Temp: 32°F (0°C) to 104°F (40°C)
- Storage Temp: -4°F (-20°C) to 158°F (70°C)
- Wireless: IEEE 802.11n/802.11b, 802.11g compatible, WEP 64/128 bit, WPA/WPA2 personal security support
- Power Adapter: 12V/1A, 100~240VAC

Dimensions:
- 71mm W x 120mm H x 79mm D

Remote Temperature Sensor



Remote Wireless Indoor Sensor
Available 1st Quarter

ZSEN5930AW00MA
- Indoor Wireless Temperature and Humidity Sensor for use with ACONT824, ACONT850, AZON1650
- Operating Ambient Temperature Range: 32° to 104°F (0° to 40°C)
- Power Supply: Two AAA alkaline batteries
- Sensor Accuracy: +/-1°F over the sensing range of 32°F to 120°F (0° to 48.9°C)
- Operating Relative Humidity: 10% to 90% non-condensing

Dimensions in in. (mm):
- 2.0" (51)w x 3.25" (83)h x .6 (15)d
- Storage Temperature: -40° to 140°F (-40° to 65°C)
- Finish: White

Reader Only

Security Sensors & Alarms

Sensative Door/Window Sensor
SKU: 851188005107
- Ultra thin design (less than 3 mm.) for invisible mounting between most doors/windows and their frames
- Simple to set up with the included adhesive backing and Long lasting battery life. (Up to 10 years)
- Indoor or outdoor use
- Not for use on metal surfaces

Application:
- Protocol: Z-Wave
- Manufacturer: Sensative

Application:
- Indoor Range: 130 ft.
- Magnetic Range: 0.6"
- Operating Temperature: -4°F-140°F (-20°C-60°C)

Dimensions:
- Size: 7.7"l x 0.6"w x 0.12"l magnet 1.2"l x 0.43"w x 0.04"l
- Weight: 2 oz.

Warranty
- 1-Year Limited Warranty

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

(1) Requires internal service and Nexia™ enabled home system registration.

Effective 1/1/19
14-1011-20

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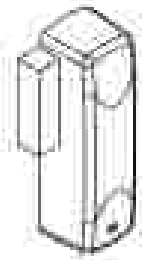
HEATING & AIR CONDITIONING

Nexia™ Compatible Products

Security Sensors & Alarms



Door/Window Sensor

Door/Window Sensor
SKU: 811097020105

- Door / Window Sensor
- Reports open/closed status of doors and windows (1)
- Set Nexia™ to send notification when doors or windows are opened (2)
- Set Nexia™ to change the thermostat setting when windows have been opened or closed (2)
- Simple installation and set up
- Up to 3 year battery life for normal usage, no wiring required
- For indoor use
- White and brown cover available to match your door or window

Application:
- Operating Temp: -0°C to 49°C
- Range: 60 ft
- Operating frequency: 908.41 MHz

Dimensions:
- 3.5"w x 1.75"h x 1"d
- Shipping weight: 1 lb

Motion Sensor

Motion Sensor
SKU: 811097020112

- Motion Sensor
- Text or e-mail alert when activity is detected (1)
- Trigger Nexia™ compatible cameras when motion is detected (2)
- Set up to turn on lights when there is activity present (2)
- Simple installation and set up
- Up to 3 year battery life
- For indoor use

Application:
- Operating Temp: -0°C to 49°C
- Range: 60 ft
- Detection area: 20' * 20' (radial distance)
- Detection angle: 90 degrees
- Operating frequency: 908.41 MHz
- Pet Immunity: Set at approx. 50 lbs / 22.7 kg. Optional

Dimensions:
- 3.5"w x 2.5"h x 2"d
- Shipping weight: 1 lb

Fibaro Z-Wave Multi Sensor

Z-Wave Multi Sensor
SKU: 857934005098

- Detects motion, temperature and light
- Fully integrated to trigger Nexia™ Automations
- Multiple LED options for signaling motion detection
- Tamper and low battery alarm notifications
- Easy installation, no wiring required
- Powered by CR123A, 3.6v battery
- Recommended installation height is 2.4 m or 7' 7/8"

Application:
- Operating Temp: -0°C to 40°C
- Range: Up to 50 m outdoors, up to 30 m indoors
- Operating frequency: 908 MHz US
- Light Intensity Measuring Range: 0-32000 LUX
- Measured Temp Range: -20 - 100°C
- Temperature Measuring Accuracy: 0.5°C (within 0°C to 40°C range)

Dimensions:
- 1.732" x 1.732" x 1.732"
- Shipping weight: 1 lb

Z-Wave Doorbell Sensor

Z-Wave Doorbell Sensor
SKU: 811097020398

- Detects and alerts when doorbell button is pressed
- Fully integrated to trigger Nexia™ Automations
- Easy installation

Application:
- Power: 2 AAA Alkaline Batteries
- RF: Z-Wave ZM5202, US 908.4 MHz
- Doorbell Connection: 2 Wire Polarized
- Voltage: 14-40 VAC
- Wire Input: 16-24 Ga Solid Wire

Dimensions:
- 3.2" x 2.0" x 0.80"
- Weight: .25 lb

(1) Requires internet service and Nexia™ hub / home system registration.
(2) Requires Nexia™ compatible connection control
(3) Requires Nexia™ compatible camera

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

Read Only

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Nexia™ Compatible Products

Sounder/Strobe

Sounder/Strobe
SKU: 093863125058

- Z-Wave Sounder/Strobe
- 105DB at 1m
- 360 lumen, 4 LED strobe light
- Battery backup
- Siren only/strobe only/siren and strobe modes
- For non life safety applications

Application:
- Protocol: Z-Wave
- Manufacturer: Linear
- Manufactured in Taiwan

Unit Dimensions:
- 3" x 4.6" x 1.6"
- Shipping weight: 11 oz

Case Dimensions:
- Quantity - 18 units
- 11" x 11" x 15"
- Shipping weight: 2 lbs, 9 oz

Warranty
- 1-Year Limited Warranty

Smoke/Carbon Monoxide Alarm

Smoke/Carbon Monoxide Alarm
SKU: 029054013028

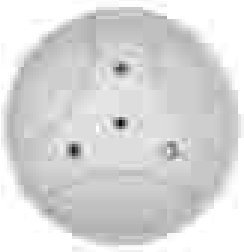
- Combination Smoke & Carbon Monoxide Alarm
- Set Nexia™ to send alerts when alarm is triggered (1)
- Photoelectric smoke sensor helps reduce false alarms such as from cooking or shower steam
- Mute unwanted alarms or test the alarm function with a simple button push
- 2 AA batteries included
- 1 year limited warranty

Application:
- Protocol: Z-Wave
- Manufacturer: First Alert
- Manufactured in Mexico

Unit Dimensions:
- 6.75"w x 7"h x 2.5"d
- Shipping weight: 11 oz

Case Dimensions:
- Quantity - 3 units
- 9"w x 7"h x 7.6"d
- Shipping weight: 2 lbs, 9 oz

Warranty
- 1-Year Limited Warranty



GoControl™ Glass Break Sensor

GoControl™ Glass Break Sensor-
SKU: 093863133282

- Fully supported by Nexia™ web and mobile applications
- Detects the sounds of breaking glass
- Easily mounts near any window or door susceptible to break in
- Can be customized to send immediate alerts to phone or email (1)
- Can communicate with other Nexia™-enrolled devices. For example: Automate your smart lights to turn on and your siren and strobe light to activate the moment a window is broken.

Application
- Mounts within 18' of window or door
- Includes 2 lithium batteries and mounting hardware
- Indoor use only
- Operating Temperature: 32°F-120°F
- Country of Origin: China

Unit Dimensions:
- 8.0"w x 5.3"h x 2.6"d
- Weight: 7.3 oz.

Case Dimensions:
- Quantity - 24 units
- 20"w x 12"h x 8"d
- Minimum Order: 1 Case
- Standard Lead Time: Stock

Warranty
- 1-Year Limited Warranty

(1) Requires internet service and Nexia™ email home system registration.

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

Effective 1/1/19
14-1011-20

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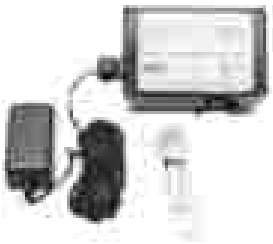
Nexia™ Compatible Products

FortrezZ Water Valves

Indoor Actuator

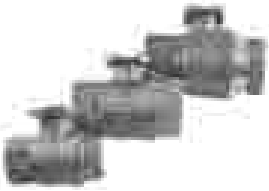


Indoor Actuator and Brass Ball Water Valves

SKU: 045633411890
Indoor Actuator
SKU: 712038006881
3/4" Brass Ball Valve
SKU: 712038006878
1" Brass Valve
SKU: 712038006885
1-1/4" Brass Valve

- Remotely operated Z-Wave water valve compatible with Nexia™ smart home systems (1)
- Automatically turns off main water supply when a water event is detected
- Select 3/4", 1", or 1-1/4" brass water valve for use with indoor actuator
- Can be used as irrigation device
- Multiple valves can be used and programmed in a Z-Wave Network
- Meets the standard of most state and municipal authorities
- Tactile switches to manually activate the valve
- Ask insurance company for specific details about premium discounts for flood protection

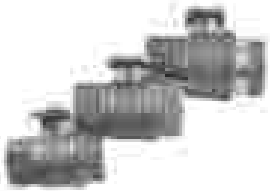
Brass Water Valves



Outdoor actuator

Outdoor Water Valve Variants
SKU: 881798583283
Outdoor actuator and indoor control with 25' cable (2)(3)
SKU: 881798583260
Outdoor actuator and indoor control with 50' cable (2)(3)
SKU: 881798583284
Outdoor actuator and indoor control with 100' cable (2)(3)

Brass Water Valves



Brass Ball Water Valves
SKU: 712038006881
3/4" Brass Ball Valve (3)(4)
SKU: 712038006878
1" Brass Valve (3)(4)
SKU: 712038006885
1-1/4" Brass Valve (3)(4)

(1) Requires internet service and Nexia™ smart home system registration.
(2) Used with brass ball valves (ordered separately)
(3) For applications that require outside installation above or below grade with temporary submersion at limited depth. See installation instructions for details.
(4) Used with outdoor water valve variant (ordered separately)

Retail Only

For complete equipment / combination assortment, installation instructions and warranty information, please refer to Product Data Ratings and/or Installation Guides and Limited Warranty Handbooks.

Effective 1/1/18
14-1811-08

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Nexia™ Compatible Products

FortrezZ Flood and Temperature Sensor

Flood and Temperature Sensor
SKU: 045635411760

- Compatible with Nexia™ smart home system (1)
- When the sensor is used with Nexia™ and FortrezZ water valves it will signal the valve to automatically turn off the water supply, eliminating further flooding. Sensor also monitors temperature.
- Checks for leaks every 4 seconds
- Calibrated to prevent false alarms
- Works with both well or city water
- Gold plated sensing probes for corrosion resistance
- Sensor floats and continues to alert for up to 24 hours
- 2 x AA Alkaline batteries last up to 2 years
- Low Battery Alerts to remind you to change batteries
- LED indicator

Specifications:

- Power: 2xAA alkaline batteries
- Overall Size: 3" x 2.1" x 1.1"
- Weight: 0.24lbs w/ batteries installed
- Operating temperature: 14 deg F to 158 deg F
- Temperature report: +/- 2 deg C accuracy
- System Requirement: Any Z-Wave enabled network

Garage Door Controller

Garage Door Controller

Garage Door Controller
SKU: 093863124389

- Produced by Linear Technologies
- Fully supported by Nexia™ web and mobile applications (1)
- Activates a garage door opener remotely
- AC line powered
- Includes battery-powered Tilt Sensor that is mounted on the garage door that reports door position
- Produces audible and visual signals for safety purposes
- Certified to ETL Standard for Moving Barriers, Z-Wave Standards and Nexia™ product certification standards
- Easy installation
- Integrates with most existing, multi-section doors (after 1983) and suitable for installation on existing or new garage door opening systems of many brands
- Does not include garage door opener or garage door
- Compatible with most garage door opener that accept a standard push button input. Not compatible with openers using a proprietary communication protocol to the wall switch such as Genie Series II and the MyQ system.

Unit Dimensions:

- 9.27"w x 7.04"h x 4.5"d
- Shipping weight: 2 lbs

Case Dimensions:

- Quantity - 3 units
- 10.3"w x 24.1"h x 7.9"d
- Shipping weight: 11.2 lbs

Read Only

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installer's Guides and Limited Warranty Handbooks.

(1) Requires internet service and Nexia™ email home system registration.

BUILT TO A HIGHER STANDARD
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HEATING & AIR CONDITIONING

Nexia™ Compatible Products

Dome Z-Wave Products

Dome Mouser

Dome Mouser

- Electronic mouse trap
- Battery powered, requires four AA Batteries (not included)
- Battery life: 2 years
- 80 zaps per set of batteries
- Safe for pets and kids

Application:
- Protocol: Z-Wave
- Manufacturer: Dome

Unit Dimensions:
- 8.5" x 4.5" x 8"

Warranty
- 1-Year Limited Warranty

Dome Siren

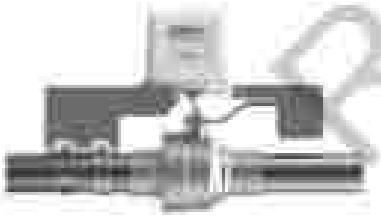
Dome Siren

- Siren mounts on wall, tabletop, or shelftop
- Controllable volumes, sirens, and LEDs
- Binary switch (Siren)
- Indicator (Chimes)
- Notifications (Siren)
- 2xCR123 3.5V battery
- Range: Up to 150'

Application:
- Protocol: Z-Wave
- Manufacturer: Dome

Unit Dimensions:
- Ø2.75" x 1.2"

Warranty
- 1-Year Limited Warranty



Dome Water Main Shut-Off

Dome Water Main Shut-Off

- Installs on any 1/2" to 1-1/2" size 1/4 turn flat handle brass ball valve
- Open or close any valve remotely when given a signal
- Install over existing valve
- Power supply: 12 VDC
- Operating Range: 32°F - 112°F (0°C-44°C)
- Range: Up to 150'

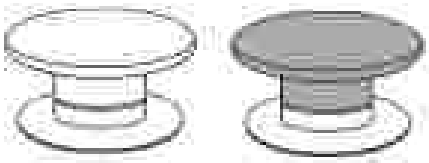
Note: Actuator only. Valve not included.

Application:
- Protocol: Z-Wave
- Manufacturer: Dome

Unit Dimensions:
- 2.5" x 3.5" x 8"

Warranty
- 1-Year Limited Warranty

Fibaro Buttons



Fibaro Buttons
SKU: 857934005133 - White
SKU: 857934006099 - Black
- Control Z-Wave devices with 1 to 5 clicks or by holding the button down

Application:
- Battery Life: Approximately 2 years
- Indoor or Outdoor Use
- Mounting to any surface
- Indoor Range: 131 ft.
- Outdoor Range: 164 ft.
- Operating Temperature: 32°F-104°F (0°C-40°C)

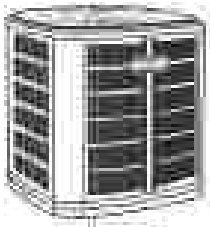
Dimensions:
- Size: 1.9" dia. x 1.4" h
- Weight: 1 lb

For complete equipment / combination assertions, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

Effective: 1/1/18
14-1011-08

Read Only

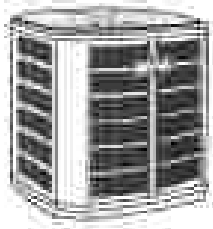
AccuComfort™ Variable Speed Cooling Single Phase – 2-5 Tons



Platinum 20
(Variable Speed)

Table SC-1-A — Platinum 20 R-410A AccuComfort™ Variable Speed Cooling (30–100% capacity)—with AccuLink™ ①

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Shipping Weight (lbs.)	Sound Rating	MCA*	Max. Fuse*	Line Size Dia. (in.) Vapor	Line Size Dia. (in.) Liquid
4A7V0024A (0)(0)(0)	208/230/1/60	24,000	217	8.0	17	25	⅞	⅜
4A7V0030A (0)(0)(0)	208/230/1/60	30,000	224	8.0	18	25	⅞	⅜
4A7V0036A (0)(0)(0)	208/230/1/60	36,000	224	8.0	22	30	⅞	⅜
4A7V0042A (0)(0)(0)	208/230/1/60	42,000	224	8.0	22	30	⅞	⅜
4A7V0048A (0)(0)(0)	208/230/1/60	48,000	284	8.0	27	40	1⅛	⅜
4A7V0060A (0)(0)(0)	208/230/1/60	60,000	314	8.0	27	40	1⅛	⅜



Platinum 18
(Variable Speed)

Table SC-1-B — Platinum 18 R-410A AccuComfort™ Variable Speed Cooling (30–100% capacity) with AccuLink™ ①

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Shipping Weight (lbs.)	Sound Rating	MCA*	Max. Fuse*	Line Size Dia. (in.) Vapor	Line Size Dia. (in.) Liquid
4A7V0024A (0)(0)(0)	208/230/1/60	24,000	217	8.0	17	25	⅞	⅜
4A7V0030A (0)(0)(0)	208/230/1/60	30,000	224	8.0	18	25	⅞	⅜
4A7V0036A (0)(0)(0)	208/230/1/60	36,000	224	8.0	22	30	⅞	⅜
4A7V0042A (0)(0)(0)	208/230/1/60	42,000	224	8.0	22	30	⅞	⅜
4A7V0048A (0)(0)(0)	208/230/1/60	48,000	284	8.0	27	40	1⅛	⅜

① Model nos. 4A7V(0)(0)(0)A, A2C1624B(0) or A2C1624C(0) outdoor.
* Information subject to change. Please confirm with current Product Guide or visit our factory connection.
— Tested in accordance with ARI 210/240 Standard 2111-2228 (Ducted Systems Ratings).

Read Only

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American Standard
HEATING & AIR CONDITIONING

AccuComfort™ Variable Speed Cooling Single Phase – 2-5 Tons

Table SC-2-A — Features	Platinum 20 (4A7V5)	Platinum 18 (4A7V5)
• SEER up to	22.00	19.00
• **Duration™** compressor	1	1
• Number of stages	Variable	Variable
• **ComfortR™** mode approved	✔	✔
• **AccuLink™** system	✔	✔
• **DuraEase™** base, fast complete drain, weatherproof	✔	✔
• **Easy-Sess™** cabinet, service access	✔	✔
• **Spine Fin™** coil	✔	✔
• Compressor sound enclosure	✔	✔
• Compressor sump heat	✔	✔
• Factory supplied charge	R-410A	R-410A
• Gleaky corrosion resistant finish	✔	✔
• High pressure switch	✔	✔
• Low pressure switch	✔	✔
• Internal high / low pressure & temperature protection	✔	✔
• Liquid line filter drier - factory installed or factory supplied for field install	✔	✔
• Seacoast shield - factory installed	✔	—
• Sommer gray cabinet	✔	✔
• **12-year registered limited warranty on compressor, 10-year on outdoor coil & all other functional parts (Residential Use)(1)**	✔	✔
• **Extended warranties available**	✔	✔

Read Only

Table SC-2-B — Optional Accessories

Model Number	Description	Shown in Report		
BAYECMT323	Extreme Conditions Mounting Kit (Base 2/3)	2	2	2-5
BAYECMT304	Extreme Conditions Mounting Kit (Base 4)	2	3-5	007-060
BAYISLT101	Rubber Isolators	1	✔	✔
BAYLEGS007	Snow Legs - 7" High (Black)	1	✔	✔
BAYLEGS004	Snow Legs - 4" High (Black)	1	✔	✔
BAYVOTA003	Vertical Discharge Air Kit Base 3	10	2	—
BAYVOTA004	Vertical Discharge Air Kit Base 4	10	3-5	—
BAYSEAC001	Seacoast Kit	1	—	✔
[illegible]	Hornette Sprocket	1	✔	✔

Comfort Controls — See Comfort Controls/Zone Sensors Section

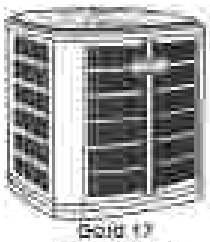
(1) Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at www.americanstandard.com or by phone at 800-894-9970. Otherwise Residential Standard Heating & Air Conditioning Base Limited Warranty terms will apply. Base Limited Warranty information as specific products can be found on AZCoverMe.com

(2) Used for additional seasonal comfort protection. Refer to bulletin number 100-007871-A-EN for application information.

BUILT TO A HIGHER STANDARD

American Standard
HEATING & AIR CONDITIONING

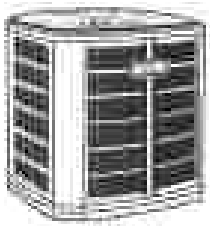
Split System Cooling
Single Phase – 1½-5 Tons



Gold 17
(Two Stage)

Table SC-3-A — Gold 17 R-410A Split System Two Stage Cooling (70/100% capacity)

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Dimensions (in.) H	W	D	Shipping Weight (lbs.)	Sound* Rating	MCA*	Max. Fuse*	Line Size (in) (1) Gas	(2) Liq.
4A7A7024A1000B	208/230/1/60	24,000	41	37	34	276	72	15	25	⅞	⅜
4A7A7030A1000B	208/230/1/60	30,000	41	37	34	282	72	20	35	⅞	⅜
4A7A7036A1000B	208/230/1/60	36,000	41	37	34	291	73	27	45	⅞	⅜
4A7A7048A1000B	208/230/1/60	48,000	41	37	34	297	74	31	50	1⅛	⅜
4A7A7060A1000B	208/230/1/60	60,000	41	37	34	312	74	37	60	1⅛	⅜



Silver 16
(Single Stage)

Table SC-3-B — Silver 16 R-410A Split System Single Stage Cooling

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Dimensions (in.) H	W	D	Shipping Weight (lbs.)	Sound* Rating	MCA*	Max. Fuse*	Line Size (in) (1) Gas	(2) Liq.
4A7A6018A1000A	208/230/1/60	18,000	29	33	30	189	73	12	20	⅞	⅜
4A7A6024A1000A	208/230/1/60	24,000	29	33	30	195	71	15	25	⅞	⅜
4A7A6030A1000A	208/230/1/60	30,000	37	37	30	227	71	17	25	⅞	⅜
4A7A6036A1000A	208/230/1/60	36,000	37	37	34	240	69	19	30	⅞	⅜
4A7A6042A1000A	208/230/1/60	42,000	43	37	34	258	76	21	35	⅞	⅜
4A7A6048A1000A	208/230/1/60	47,000	43	37	34	268	73	24	40	⅞	⅜
4A7A6054A1000A	208/230/1/60	49,000	43	37	34	276	73	25	40	⅞	⅜
4A7A6060A1000A	208/230/1/60	57,000	43	37	34	327	76	30	50	1⅛	⅜
4A7A6060A1000A	208/230/1/60	60,000	43	37	34	327	74	30	50	1⅛	⅜

Silver 16
(Single Stage)

Table SC-3-C — Silver 16 R-410A Side Discharge Single Stage Cooling

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Dimensions (in.) H	W	D	Shipping Weight (lbs.)	Sound* Rating	MCA*	Max. Fuse*	Line Size (in) (1) Gas	(2) Liq.
4A7L6018A1000AA	208/230/1/60	18,000	35	42	34	168	72	12	20	⅞	⅜
4A7L6024A1000AA	208/230/1/60	23,000	35	42	34	168	72	15	20	⅞	⅜
4A7L6030A1000AA	208/230/1/60	29,000	35	42	34	180	74	17	25	⅞	⅜
4A7L6036A1000AA	208/230/1/60	36,000	35	47	34	240	74	19	30	⅞	⅜
4A7L6042A1000AA	208/230/1/60	41,000	35	47	34	240	73	22	35	⅞	⅜
4A7L6048A1000AA	208/230/1/60	47,000	35	47	34	240	73	24	40	⅞	⅜
4A7L6060A1000AA	208/230/1/60	57,000	43	47	34	253	73	31	50	1⅛	⅜

(1) For [illegible] and standard airflow only. (2) Size of suction service connection may be different for some models. See [illegible] for the appropriate (1) through the fourth (4) digit represented as appropriate model [illegible]

Example: 4A7L6060A1000AA indicates whether there are 3 power leads that when rotated

* Information subject to change. Please confirm with current Product Data/Service Parts for current factory production.

** Rated in accordance with ARI Standard 270. 2006 (Decibel when applicable).

Split System Cooling Single Phase – 1½-5 Tons

Table SC-4-A — Features

	Gold 17 (4A7A7)	Silver 16 (4A7A6)	Silver 14 (4A7L6)
• SEER up to	18.00	17.00	17.00
• Duration™ compressor	✔	✔	✔
• Number of stages	2	1	1
• Comfort-R™ mode approved	✔	✔	✔
• DuraEase™ base, tool complete drain, weatherized	✔	✔	—
• Easy-Reach™ cabinet, service access	✔	✔	—
• Spine Fin™ coil	✔	✔	—
• Copper Tube, Aluminum Fin coil	—	—	✔
• Factory sweated couplings	R-410A	R-410A	R-410A
• Galvaneal corrosion resistant finish	✔	✔	✔
• High pressure switch	✔	✔	✔
• Internal high / low pressure & temperature protection	✔	✔	✔
• Liquid line filter drier - factory installed or factory supplied for field install	✔	✔	✔
• Quick start kit factory installed	—	✔[1,2]	—
• Solid steel gray cabinet	✔	✔	✔
• 12-year registered limited warranty on compressor, 10-year on outdoor coil & all other functional parts (Residential Use)[1,2]	✔	—	—
• 10-year registered limited warranty on compressor, 10-year on outdoor coil & all other functional parts (Residential Use)[1,2]	—	✔	✔
• Extended warranties available	✔	✔	✔

Table SC-4-B — Optional Accessories

Model Number	Description	Shipping Weight[3]			
AY20KEIT5	Enviu, Defrost Control Kit	1	✔	✔	✔
BAYCLHTR03RE3	Crankcase Heater Kit (Scroll)	.4	4-5	3½-5	3½-5
BAYCLHTR05RE3	Crankcase Heater Kit (Scroll)	.7	2-3	1½-3	1½-3
BAYECMT201	Extreme Conditions Mounting Kit (Base 2½)	.2	—	1½-2½	—
BAYECMT304	Extreme Conditions Mounting Kit (Base 4)	.3	—	3-5	—
BAYISLT101	Rubber Isolators	.1	✔	✔	✔
BAYKSKT203	Start Kit	.1	2-3	2½-3	2½-3
BAYKSKT205	Start Kit	.1	4-5	—	—
BAYLEB03**	Snow Legs - 7" High (Black)	.1	✔	✔	✔
BAYLEB06**	Snow Legs - 4" High (Black)	.1	✔	✔	✔
BAYLOAM103	Low Ambient Kit	.1	✔	—	—
BAYLOAM107A	Low Ambient Kit	.1	✔	✔	✔
BAYSCRN003	Small Scroll Compressor Enclosure	.8	—	2½-3	2½-3
BAYSCRN004	Small Scroll Compressor Enclosure	.8	—	3½-5	3½-5
BAYSEAC001	Seacoast Kit	-	✔	✔	—
BAYWINC104	Wind Baffle Kit	—	—	—	3½-4½
BAYWINC101	Wind Baffle Kit	—	—	—	2-3
TXVSCT701A0000	Anti-Short Cycle Timer	.2	✔	✔	—
AYSVPAN[0103]AA	Service Valve Panel Cover Kit	.3	—	1½-3	—
AYSVPAN[0143]AA	Service Valve Panel Cover Kit	.3	2	—	—
AYSVPAN[0144]AA	Service Valve Panel Cover Kit	.2	3-5	3½-5	—
AYSVPAN[0145]AA	Service Valve Panel Cover Kit	.3	—	3½-5	—
RUUD3000	Hydrolic Sprayguard	.1	✔	✔	✔
BRKXXXC05	Wall Mount Kit	—	—	—	✔

Comfort Controls — See Comfort Controls/Zone Sensors Section

(1) Registered Limited Warranty terms are available when you register within 90 days of installation. You can register online at www.americanstandardac.com or by phone at 800-893-8220. Otherwise, American Standard Heating & Air Conditioning's base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASCustomerPlus.com.

(2) Not for use with programmable thermostats.

(3) Approximate shipping weight.

(4) Used for additional electronic compressor protection. Refer to Outdoor Controls (AY/AYQ) Section for applicable information.

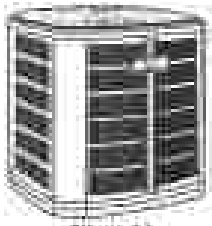
(5) Available from Trane Parts.

For complete equipment / combination assembly, installation instructions and warranty information, please refer to Product Data/Ratings, Unitary Installers Guides and Limited Warranty Handbooks.

Effective 1/1/18
SC-4A7A-1-18

Preview Only

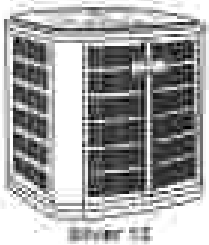
Split System Cooling
Single Phase – 1½-5 Tons



Silver 14
(Single Stage)

Table SC-5-A — Silver 14 R-410A Split System Single Stage Cooling

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Dimensions (approximate) (in.) H	W	D	Shipping Weight (lbs.)	Sound Rating	MCA	Max. Fuse	Line Size (in.) Gas	Line Size (in.) Liq.
4A7A4218L1000A	208/230/1/60	17,000	28	28	20	153	72	12	20	½	⅜
4A7A4224L1000A	208/230/1/60	23,500	28	28	20	155	71	14	20	½	⅜
4A7A4230L1000A	208/230/1/60	23,600	28	28	20	155	71	14	20	½	⅜
4A7A4236L1000A10	208/230/1/60	35,400	28	28	20	163	73	17	25	½	⅜
4A7A4236L1000A	208/230/1/60	35,400	28	28	20	163	73	17	25	½	⅜
4A7A4236L1000AA10	208/230/1/60	34,300	33	33	30	180	73	18	30	½	⅜
4A7A4236L1000AA	208/230/1/60	34,200	33	33	30	180	73	18	30	½	⅜
4A7A4248L1000A10	208/230/1/60	46,300	28	37	28	216	71	22	35	½	⅜
4A7A4248L1000A	208/230/1/60	46,500	28	37	28	216	71	22	35	½	⅜
4A7A4248L1000AA	208/230/1/60	47,000	28	37	34	227	71	24	40	½	⅜
4A7A4260L1000A	208/230/1/60	58,000	37	37	34	246	71	31	50	½	⅜



Silver 13
(Single Stage)

Table SC-5-B— Silver 13 R-410A Split System Single Stage Cooling

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Dimensions (approximate) (in.) H	W	D	Shipping Weight (lbs.)	Sound Rating	MCA	Max. Fuse	Line Size (in.) Gas	Line Size (in.) Liq.
4A7A3018H1000B	208/230/1/60	17,000	28	28	20	153	72	12	20	½	⅜
4A7A3024H1000B	208/230/1/60	23,500	28	28	20	155	74	14	20	½	⅜
4A7A3030H1000B	208/230/1/60	29,000	28	28	20	157	72	16	25	½	⅜
4A7A3036H1000B	208/230/1/60	34,500	28	28	20	170	74	18	25	½	⅜
4A7A3042E1000A	208/230/1/60	41,700	28	33	30	205	72	22	35	½	⅜
4A7A3048A1000B	208/230/1/60	47,000	28	37	34	216	74	24	40	½	⅜
4A7A3048E1000B	208/230/1/60	47,000	37	33	30	223	74	24	40	½	⅜
4A7A3048A1000A	208/230/1/60	48,000	28	37	34	227	74	24	40	½	⅜
4A7A3060D1000A	208/230/1/60	58,000	37	37	34	261	80	32	50	½	⅜

(1) Models are not legal for installation in California, Nevada, New Mexico and Arizona. All other models are legal for installation in all US states and areas.

(2) [illegible] SEER when matched with [illegible] coil. Consult outdoor unit number. Product Data/Service Facts for current factory product list.

* Variable speed outdoor unit matched with multi-speed indoor unit. Product Data/Service Facts for current factory product list.

** Rating in accordance with AHRI Standard 210/240 (Ratings may vary).

BUILT TO A HIGHER STANDARD™

American Standard
HEATING & AIR CONDITIONING

Split System Cooling Single Phase – 1½-5 Tons

Table SC-6-A — Features

	Silver 14 (4A7A4)	Silver 13 (4A7A3)
• SEER up to	18.00	14.75
• Durawin™ compressor	✔	✔
• Number of stages	1	1
• ComfortR™ mode approved	✔	✔
• DuraBase™ base, full composite drain, weatherproof	✔	✔
• Easy-Start™ cabinet, service access	✔	✔
• Spine Fin™ coil	✔	✔
• Factory supplied charge	R-410A	R-410A
• Drives condenser, evaporator fans	✔	✔
• High pressure switch	✔	✔
• Internal high / low pressure & temperature protection	✔	✔
• Liquid line filter drier - factory installed or factory supplied for field install	✔	✔
• Condenser grid cabinet	✔	✔
• 10-year registered limited warranty on compressor, outdoor coil & all other functional parts (Residential Use)[1]	✔	✔
• Extended warranties available	✔	✔

Table SC-6-B — Optional Accessories

Model Number	Description	Drawing Page		
AYD60ITA	Evap. Defrost Control Kit	1	✔	✔
BAYCOHT030RES	Comfaxia Heater Kit (Scroll)	1	3[1]-3	1[1]-3
BAYCOHT030RES	Comfaxia Heater Kit (Scroll)	1	1[1]-3	1[1]-3
BAYECMT023	Extreme Conditions Mounting Kit (Base 2X)	2	1[1]-4	1[1]-4
BAYECMT024	Extreme Conditions Mounting Kit (Base 4)	2	3[1]-5	4[1,4]-5[2]
BAYISLT001	Rubber Isolators	1	✔	✔
BAYKSKT001	Start Kit	1	2[1]-3	2-5
BAYLEGS01T	Snow Legs - 7" High (Black)	1	✔	✔
BAYLEGS004	Snow Legs - 4" High (Black)	1	✔	✔
BAYLOAM1C0	Low Ambient Kit	1	✔	✔
BAYSCRP001	Small Scroll Compressor Enclosure	1	1[1]-3	1[1]-3
BAYSCRP004	Small Scroll Compressor Enclosure	1	3[1]-5	3[1]-5
BAYSEAC101	Sequencer Kit	1	✔	✔
BAYSUTT001R0000	Anti-Short Cycle Timer	2	✔	✔
AAYSVPANL0002AA	Service Valve Panel Cover Kit	2	1[1]-4	1[1]-2[1]
AAYSVPANL0003AA	Service Valve Panel Cover Kit	2	2[1]-3[1],4	3-4
AAYSVPANL0344AA	Service Valve Panel Cover Kit	2	3	—
AAYSVPANL0344AA	Service Valve Panel Cover Kit	2	3	5
BAYSSCHM0	Heavier Screen Kit	1	✔	✔

Comfort Controls — See Comfort Controls/Zone Sensors Section

[1] Registered Limited Warranty terms are available when you register within 60 days of installation. For more detailed limited warranty information go to my.ameristar.com or by phone at 800-504-8000. American American Standard Heating & Air Conditioning's Base Limited Warranty terms are applicable. Base Limited Warranty information on specific products can be found on AACooperfan.com.

[2] Not for use with programmable thermostats.

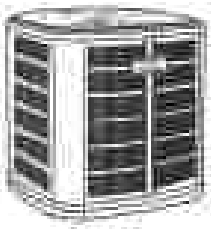
[3] Armored, all power off.

[4] Used for additional seasonal operation. Refer to bulletin number UHUC0114-05 for application information.

Field Copy Only

For complete equipment / combination assembly, installation instructions and warranty information, please refer to Product Data Ratings and/or Installation Guides and Limited Warranty Handbooks.

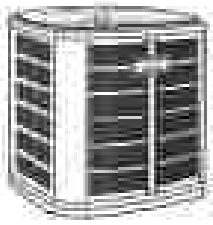
Split System Cooling
Three Phase



Gold 17
(Two Stage)

Table SC-T-A — Gold 17 - 3 Phase R-410A Split System Two Stage Cooling

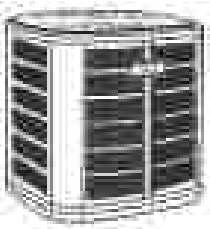
Model Number	Power Supply	Nom. Cap. Cooling (Btuh)	Nominal Dimensions (in.) H	W	D	Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in) 7/8 Gas	7/8 Liq
4A7C7036A3000A	208/230/1/60	36,000	43	37	34	283	72	17	25	⅞	⅞
4A7C7048A3000A	208/230/1/60	48,000	43	37	34	283	73	19	30	⅞	⅞
4A7C7060A3000A	208/230/1/60	60,000	43	37	34	308	74	22	35	1⅛	⅞
4A7C7036A4000A	460/3/60	36,000	43	37	34	283	72	8	15	⅞	⅞
4A7C7048A4000A	460/3/60	48,000	43	37	34	283	73	9	15	⅞	⅞
4A7C7060A4000A	460/3/60	60,000	43	37	34	308	74	10	15	1⅛	⅞



Silver 14
(Single Stage)

Table SC-T-B — Silver 14 - 3 Phase R-410A Split System Single Stage Cooling

Model Number	Power Supply	Nom. Cap. Cooling (Btuh)	Nominal Dimensions (in.) H	W	D	Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in) 7/8 Gas	7/8 Liq
4A7C4036A3000A	208/230/1/60	36,000	43	37	34	283	72	17	25	⅞	⅞
4A7C4048A3000A	208/230/1/60	48,000	43	37	34	283	73	19	30	⅞	⅞
4A7C4060A3000A	208/230/1/60	60,000	43	37	34	308	74	22	35	1⅛	⅞
4A7C4060A4000A	460/3/60	60,000	43	37	34	308	74	10	15	1⅛	⅞
4A7C4036A4000A	460/3/60	36,000	43	37	34	283	72	8	15	⅞	⅞
4A7C4048A4000A	460/3/60	48,000	43	37	34	283	73	9	15	⅞	⅞



Silver 13
(Single Stage)

Table SC-T-C — Silver 13 - 3 Phase R-410A Split System Single Stage Cooling

Model Number	Power Supply	Nom. Cap. Cooling (Btuh)	Nominal Dimensions (in.) H	W	D	Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in) 7/8 Gas	7/8 Liq
4A7C3036A3000A	208/230/1/60	36,000	43	37	34	283	72	17	25	⅞	⅞
4A7C3048A3000A	208/230/1/60	48,000	43	37	34	283	73	19	30	⅞	⅞
4A7C3060A3000A	208/230/1/60	60,000	43	37	34	308	74	22	35	1⅛	⅞
4A7C3060A4000A	460/3/60	60,000	43	37	34	308	74	10	15	1⅛	⅞
4A7C3036A4000A	460/3/60	36,000	43	37	34	283	72	8	15	⅞	⅞
4A7C3048A4000A	460/3/60	48,000	43	37	34	283	73	9	15	⅞	⅞

* Information subject to change. Please consult unit nameplate and consult Product Data/Service Facts for current ratings and procedures.

** Tested in accordance with AHRI Standard 270-2008.

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American Standard
HEATING & AIR CONDITIONING

Split System Cooling Three Phase

Table SC-3-A — Features

	Gold 17 (4A7C7)	Silver 14 (4A7C4)	Silver 13 (4A7C5)
• SEER up to	17.25	14.05	13.25
• Durafin™ condenser	✔	✔	✔
• ComfortLink™ mode scanner	✔	✔	✔
• DuraEase™ quiet, fast connect drain, weatherproof	✔	✔	✔
• Easy-Serv combined service access & refrigerant connections with ¼" coil protection	✔	✔	✔
• Spine Fin™ coil	✔	✔	✔
• Compressor sump heat - factory installed	—	✔	—
• Refrigerant (R-22 not factory supplied)	R-410A	R-410A	R-22
• Quiet-y corrosion resistant finish	✔	✔	✔
• High pressure switch	✔	✔	✔
• Compressor sound enclosure	—	—	Yes
• Internal high / low pressure & temperature protection	✔	✔	✔
• Liquid line filter drier - factory installed or factory supplied for field install	✔	✔	✔
• Corrosion guy coil/rail	✔	✔	✔
• 5-year basic limited warranty on compressor, 1-year on outdoor coil & all other functional parts (Commercial Use)	✔	✔	✔
• 5-year registered limited warranty on compressor, outdoor coil & all other functional parts (Residential Use)[2][3]	✔	✔	✔
• Extended warranties available	✔	✔	✔

Table SC-3-B — Optional Accessories

Model Number	Description	Phase[1]	Weight*			
AY2SWITS	Easy Defrost Control Kit	1		✔	✔	✔
BAYECHT323	Extreme Conditions Mounting Kit (Size 3/3.5)	3		—	3	2/3-3
BAYECHT324	Extreme Conditions Mounting Kit (Size 4)	3		3-5	3½-5	3½-5
BAYBLT101	Rubber Isolators	1		✔	✔	✔
BAYHSHT303	Start Kit	1		✔	—	5
BAYHSHT304	Start Kit	1		—	—	3
BAYLEG30T	Spine Legs - 7" High (Black)	1		✔	✔	✔
BAYLEG3004	Spine Legs - 4" High (Black)	1		✔	✔	✔
BAYLOAM101	Low Ambient Kit	1		✔	✔	✔
BAYLOAM101A	Low Ambient Kit	1		✔	✔	✔
BAYSEE0001	Single Cylinder Compressor Sight Glass	3		—	—	2½
BAYSEE0003	Small Scroll Compressor Sight Glass	3		3	3	3
BAYSEE0004	Large Scroll Compressor Sight Glass	3		4-5	3½-5	4-5
BAYSEA0101	Seacoast Kit	1		✔	✔	✔
TAYSACTSCWG00	A/S-Short Cycle Timer	3		✔	✔	✔
AAYSYPAN0020AA	Service Valve Panel Cover Kit	3		—	3½-4	3-4
AAYSYPAN1544AA	Service Valve Panel Cover Kit	3		—	3	2½
AAYSYPAN2044AA	Service Valve Panel Cover Kit	3		—	5	5
AAYSYPAN3048AA	Service Valve Panel Cover Kit	3		3-5	—	—
PMD0306R	Hermetic Sequencer	1		✔	✔	✔

Comfort Controls — See Comfort Controls/Zone Sensors Section

[1] Applies to 3 phase equipment only.
[2] Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at www.tranesystems.com or by phone at 800-894-9905. Otherwise American Standard Heating & Air Conditioning's Basic Limited Warranty terms will apply. Basic Limited Warranty information for specific products can be found on ASOwnersClub.com.
[3] Not for use with programmable thermostats.
[4] Activated via Power Off.
[5] Used for additional solenoid operated (pneumatic style) to Sporlan number (SH-CV-21-1-A-GR) for application information.

For complete equipment / combination assembly, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installation Guides and Limited Warranty Handbooks.

Effective 1/1/18
SC-PRC-3-18

Read Only

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American Standard
HEATING & AIR CONDITIONING

Split System Heat Pumps
Summary of System Ratings

IMPORTANT:

This table is intended as an at-a-glance overview. See AHRI for complete and up-to-date indoor and outdoor system ratings by model. Not all matches will attain ratings shown below.

Silver 14		1.5 Ton			2 Ton			2.5 Ton			3 Ton			3.5 Ton			4 Ton			5 Ton		
4TWA / 4TWX Air Handlers	13 SEER																					
	14 SEER																					
	15 SEER																					
	15 SEER/12 EER																					
4A8 Furnaces** Air Handlers	CAT2																					
	13 SEER																					
	14 SEER																					
	15 SEER/12 EER																					

Silver 15		1.5 Ton			2 Ton			2.5 Ton			3 Ton			3.5 Ton			4 Ton			5 Ton		
4TWA / 4TWX Air Handlers	13 SEER																					
	14 SEER																					
	15 SEER																					
	15 SEER/12 EER																					
4A8 Furnaces** Air Handlers	CAT2																					
	13 SEER																					
	14 SEER																					
	15 SEER/12 EER																					

Silver 16		1.5 Ton			2 Ton			2.5 Ton			3 Ton			3.5 Ton			4 Ton			5 Ton		
4TWA / 4TWX Air Handlers	13 SEER																					
	14 SEER																					
	15 SEER																					
	15 SEER/12 EER																					
4A8 Furnaces** Air Handlers	CAT2																					
	13 SEER																					
	14 SEER																					
	15 SEER/12 EER																					

Silver 16 Low Profile Side Discharge		1.5 Ton			2 Ton			2.5 Ton			3 Ton			3.5 Ton			4 Ton			5 Ton		
4TWA / 4TWX Air Handlers	13 SEER																					
	14 SEER																					
	15 SEER/12 EER																					
4A8 Furnaces** Air Handlers	CAT2																					
	13 SEER																					
	14 SEER																					
	15 SEER/12 EER																					

Split System Heat Pumps

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data Ratings and/or Installers Guides and Limited Warranty Pamphlets.

Effective 1/1/15
14-1015-05

Split System Heat Pumps
Summary of System Ratings

IMPORTANT:

This table is intended as an at-a-glance overview. See AHRI for complete and up-to-date indoor and outdoor system ratings by model. Not all matches will attain ratings shown below.

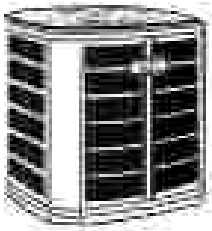
Gold 17-2 Stage		1.5 Ton			2 Ton			2.5 Ton			3 Ton			3.5 Ton			4 Ton			5 Ton		
		SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF
[redacted]	[redacted]																					
[redacted]	[redacted]																					
[redacted]	[redacted]																					
	[redacted]																					
	[redacted]																					

Platinum 18 AccuComfort™		1.5 Ton			2 Ton			2.5 Ton			3 Ton			3.5 Ton			4 Ton			5 Ton		
		SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF
[redacted]	[redacted]																					

Platinum 20 AccuComfort™		1.5 Ton			2 Ton			2.5 Ton			3 Ton			3.5 Ton			4 Ton			5 Ton		
		SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF
[redacted]	[redacted]																					

Read Only

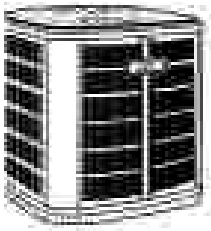
AccuComfort™ Variable Speed Heat Pumps Single Phase – 2-5 Tons



Platinum 20 (Variable Speed)

Table SH-S-A - Platinum 20 R-410A Split System Variable Speed Heat Pump (25–100% capacity)—with AccuLink™

Model Number	Power Supply	Uncrated Dimensions (in.) H	W	D	Shipping Weight (lbs.)	Sound Rating (Cool)	(Heat)	MCA*	Max. Fuse*	Line Size (in) OD Gas	OD Liq.
4A8V0024A1000B	208/230/1/60	41	33	30	218	74dB	72dB	17	25	⅞	⅜
4A8V0030A1000B	208/230/1/60	41	33	34	234	76dB	73dB	25	40	⅞	⅜
4A8V0048A1000B	208/230/1/60	41	37	34	256	81dB	82dB	29	45	⅞	⅜
4A8V0060A1000B	208/230/1/60	45	37	34	276	82dB	81dB	37	50	1⅛	⅜



Platinum 18 (Variable Speed)

Table SH-S-B - Platinum 18 R-410A Split System Variable Speed Heat Pump (25–100% capacity)—with AccuLink™

Model Number	Power Supply	Uncrated Dimensions (in.) H	W	D	Shipping Weight (lbs.)	Sound Rating (Cool)	(Heat)	MCA*	Max. Fuse*	Line Size (in) OD Gas	OD Liq.
4A8V0024A1000B	208/230/1/60	41	33	30	218	74dB	72dB	17	25	⅞	⅜
4A8V0030A1000B	208/230/1/60	41	33	30	229	76dB	73dB	25	35	⅞	⅜
4A8V0037A1000B	208/230/1/60	41	37	34	254	78dB	80dB	25	40	⅞	⅜
4A8V0048A1000B	208/230/1/60	41	37	34	259	81dB	82dB	29	45	⅞	⅜
4A8V0048A1000B	208/230/1/60	41	37	34	259	81dB	82dB	29	45	⅞	⅜
4A8V0060A1000B	208/230/1/60	45	37	34	276	82dB	81dB	37	50	1⅛	⅜

Platinum 15 (Variable Speed)

Table SH-S-C - Platinum 15 R-410A Side Discharge Variable Speed Heat Pump (50–100% capacity)—with AccuLink™

Model Number	Power Supply	Uncrated Dimensions (in.) H	W	D	Shipping Weight (lbs.)	Sound Rating (Cool)	(Heat)	MCA*	Max. Fuse*	Line Size (in) OD Gas	OD Liq.
4A8Z3024A1000A(*)	208/230/1/60	41	33	30							
4A8Z3030A1000A(*)	208/230/1/60	41	33	30							
4A8Z3048A1000A(*)	208/230/1/60	41	37	34							
4A8Z3060A1000A(*)	208/230/1/60	45	37	34							

(1) In coastal applications where units are located within one (1) mile of salt water, epoxy coated models are available for order. Model numbers with "CO" in the eleventh (11) through the twelfth (12) digits represent an epoxy coated coil. Example: 4A8Z3048A1CO1A*

(Base models have an 8 month basic limited warranty.)

(2) Must use AZCONTROL, AZVFC or the AZBERCO control.

*. Information subject to change. Please confirm with current Product Data/Service Facts for correct factory production.

~ Rated in accordance with AHRI Standard 210-2008 (Air/Max when applicable).

PENDING

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American Standard
HEATING & AIR CONDITIONING

AccuComfort™ Variable Speed Heat Pump Single Phase – 2-5 Tons

Table SH-4-A — Features	Platinum 20 (4A6V6)	Platinum 18 (4A6L6)	Platinum 18 (4A6V6)
• SEER up to	21.00	COMING Q2	18.00
• HSPF up to	10.00		10.00
• **Duratloo™** compressor	1		1
• Number of stages	Variable		Variable
• **Comfort-R™** mode approved	✔		✔
• **AccuLink™** system	✔		✔
• **DuraBase™** base, fast complete drain, weatherproof	✔		✔
• **Easy-Sess™** cabinet, service access & refrigerant connections with full coil protection	✔		✔
• **Spine Fin™** coil	✔		✔
• Compressor sound enclosure	✔		✔
• Compressor sump heat	✔		✔
• Factory supplied charge	R-410A		R-410A
• Glossy corrosion resistant finish	✔		✔
• High pressure switch	✔		✔
• Low pressure protection	✔		✔
• Internal high / low pressure & temperature protection	✔		✔
• Liquid line filter drier - factory installed or factory supplied for field install	✔		✔
• Start kit factory installed	NA		NA
• Seacoast shield – factory installed	✔		—
• Spillwater gray cabinet	✔		✔
• **12-year registered limited warranty on compressor, 10-year on outdoor coil & all other functional parts (Residential User)**	✔		✔
• **Extended warranties available**	✔		✔

Read Only

Split System Heat Pumps

Table SH-4-B — Optional Accessories

Model Number	Description	Shipping Weight			
BAYECMT023	Extreme Conditions Mounting Kit (Base 2/3)	2	2		024-036
BAYECMT004	Extreme Conditions Mounting Kit (Base 4)	2	3-5		037-060
BAYSLT101	Rubber Isolators	1	✔		✔
BAYLEGS007	Snow Legs - 7" High (Black)	1	✔		✔
BAYLEGS004	Snow Legs - 4" High (Black)	1	✔		✔
BAYBEAC001	Seacoast Kit	1	—		✔
PAD0300[illegible]	Hermite Sprayoff	1	✔		✔
BRK0[illegible]	Wall Mount Kit		✔		✔

Comfort Controls — See Comfort Controls/Zone Sensors Section

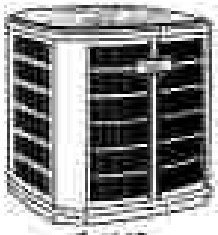
(1) Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at [illegible] or by phone at [illegible]. Otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on [illegible].
(2) Used for additional seacoast corrosion protection. Refer to bulletin number [illegible] for application information.
(3) Available from Trane Parts.

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

BUILT TO A HIGHER STANDARD

American Standard
HEATING & AIR CONDITIONING

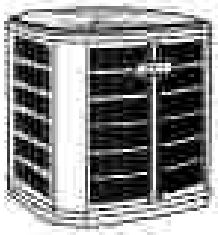
Split System Heat Pumps
Single Phase – 1½-5 Tons



Gold 17
(Two Stage)

Table SH-S-A — Gold 17 R-410A Split System Two Stage Heat Pump (70/100% capacity)

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Unrevised Dimensions(in.) H	W	D	Shipping Weight (lbs.)	Sound* Rating	MCA*	Max. Fuse*	Line Size (in) OD Gas	OD Liq
4A6H7024A1000C	208/230/1/60	24,000	41	37	34	272	72	15	25	⅞	⅜
4A6H7030A1000C	208/230/1/60	30,000	41	37	34	274	74	20	30	⅞	⅜
4A6H7036A1000C	208/230/1/60	36,000	41	37	34	329	73	25	40	⅞	⅜
4A6H7048A1000C	208/230/1/60	48,000	45	37	34	330	74	41	60	1⅛	⅜



Silver 16
(Single Stage)

Table SH-S-B — Silver 16 R-410A Split System Single Stage Heat Pump

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Unrevised Dimensions(in.) H	W	D	Shipping Weight (lbs.)	Sound* Rating	MCA*	Max. Fuse*	Line Size (in) OD Gas	OD Liq
4A6H1018H1000A	208/230/1/60	18,000	33	33	30	196	74	12	20	⅞	⅜
4A6H1024H1000A	208/230/1/60	24,000	33	37	30	205	71	14	25	⅞	⅜
4A6H1030H1000A	208/230/1/60	28,800	37	37	34	246	70	17	25	⅞	⅜
4A6H1036H1000A	208/230/1/60	34,800	37	37	34	246	70	18	30	⅞	⅜
4A6H1042H1000A	208/230/1/60	41,000	45	37	34	272	72	22	35	⅞	⅜
4A6H1048H1000A	208/230/1/60	47,200	45	37	34	300	72	25	40	⅞	⅜
4A6H1060H1000A	208/230/1/60	55,000	45	37	34	301	72	31	50	1⅛	⅜

Silver 16
(Single Stage)

Table SH-S-C — Silver 16 R-410A Side Discharge Single Stage Heat Pump

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Unrevised Dimensions(in.) H	W	D	Shipping Weight (lbs.)	Sound* Rating	MCA*	Max. Fuse*	Line Size (in) OD Gas	OD Liq
4A6L1018A1000A(*)	208/230/1/60	18,000	30	40	15	188	69	12	20	⅞	⅜
4A6L1024A1000A(*)	208/230/1/60	24,000	30	40	15	188	69	13	20	⅞	⅜
4A6L1030A1000A(*)	208/230/1/60	28,800	36	47	18	222	70	13	20	⅞	⅜
4A6L1036A1000A(*)	208/230/1/60	35,000	36	47	18	225	71	16	30	⅞	⅜
4A6L1042A1000A(*)	208/230/1/60	42,000	39	47	18	244	71	23	40	⅞	⅜
4A6L1048A1000A(*)	208/230/1/60	48,000	42	47	18	266	74	26	45	⅞	⅜
4A6L1060A1000A(*)	208/230/1/60	54,000	42	47	18	267	74	32	50	⅞	⅜

(*) For change to optional options code see notation within row. (T) one of two water epoxy coated models are available for order. Model numbers with "C" in the eleventh (11) through (eighteenth) (18) digits represent an epoxy coated coil. Example: 4A6L1018A1000A (Same model figure as 8 digit base time after order)

* Information subject to change. Please confirm with current Product Data/Ratings Pages for current factory production.

** Rated in accordance with AHRI Standard 270-2008 (Sound or when applicable).

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HEATING & AIR CONDITIONING

Split System Heat Pumps Single Phase – 1½-5 Tons

Table SH-6-A — Features	Gold 17 (4A6H7)	Silver 16 (4A6H6)	Silver 16 (4A6L6)
- SEER up to	17.00	17.00	17.00
- HSPF up to	9.00	9.00	10.00
- **Duration™** compressor	✔	✔	✔
- Number of stages	2	1	1
- **Comfort-R™** mode approved	✔	✔	✔
- **DuraEase™** base, foot complete drain, weatherproof	✔	✔	—
- **Easy-Sess™** cabinet, service access & refrigerant connections with full coil protection	✔	✔	—
- **Spine Fin™** coil	✔	✔	—
- **Copper Tube Aluminum Fin** coil	—	—	✔
- Electronic Expansion Valve (EEV)	✔	—	—
- Compressor sump heat - factory installed	✔	—	—
- Factory supplied charge	R-410A	R-410A	R-410A
- Glossy corrosion resistant finish	✔	✔	✔
- High pressure switch	✔	✔	✔
- Low pressure switch	✔	✔	✔
- Liquid line filter drier - factory supplied for field install	✔	✔	✔
- Seacoast shield - factory installed	✔	—	
- Spinwater gray cabinet	✔	✔	✔
- **13-year registered limited warranty on compressor, 10-year on outdoor coil & all other functional parts (Residential Use)**(1)	✔	—	—
- **10-year registered limited warranty on compressor, outdoor coil & all other functional parts (Residential Use)**(1)	—	✔	✔
- **Extended warranties available**	✔	✔	✔

Table SH-6-B — Optional Accessories

Model Number	Description	Chassis Height			
AY2SR004	Evaporator Defrost Control	1	✔	✔	✔
BAYCCHT301RES	Crankcase Heater Kit (Scroll)	1	—	3½-5	2½-6
BAYCCHT302RES	Crankcase Heater Kit (Scroll)	1	—	1½-3	1½-3
BAYECMT023	Extreme Conditions Mounting Kit (Base 2/3)	2	—	1½-2	—
BAYECMT004	Extreme Conditions Mounting Kit (Base 4)	2	✔	2½-5	—
BAYISLT101	Rubber Isolators	1	✔	✔	✔
BAYKSKT253	Start kit (Scroll)	1	2-3	✔	2½-6
BAYKSKT256	Start kit (Scroll)	1	4-5	—	—
BAYLEGS007	Snow Legs - 7" High (Black)	1	✔	✔	✔
BAYLEGS004	Snow Legs - 4" High (Black)	1	✔	✔	✔
BAYLOAM107A	Low Ambient Kit	1	—	✔	✔
TAYASCTS01A0000	Anti-Short Cycle Timer	2	✔	✔	—
BAYSDEN003	Small Scroll Compressor Enclosures	8	2-3	1½-3	1½-3
BAYSDEN004	Large Scroll Compressor Enclosures	8	4-5	3½-5	2½-6
BAYSEAC001	Seacoast Kit	1	✔	✔	—
BAYWIND100	Wind Baffle		1½-2	—	1½-2
BAYWIND101	Wind Baffle		2½-5	—	2½-6
AAYSVPANL0343AA	Service Valve Panel Cover Kit	2	2-3	1½-2	—
AAYSVPANL0044AA	Service Valve Panel Cover Kit	2	4-5	2½-3	—
AAYSVPANL0045AA	Service Valve Panel Cover Kit	2	—	3½-5	—
PN00300(2)	Hensite Spraypaint	1	✔	✔	✔
BRK00033(3)	Wall Mount Kit		—	—	✔

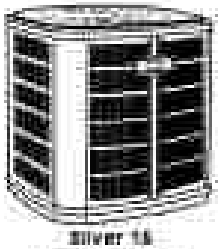
Comfort Controls — See Comfort Controls/Zone Sensors Section

(1) Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at americanstandardsetup.com or by phone at 800-894-8000. (Remove American Standard Heating & Air Conditioning's Base Limited Warranty terms still apply. Base Limited Warranty information on specific products can be found on AS2newsletter.com.
(2) Do not use with programmable thermostats.
(3) Activated on Primer OS.
(4) Used for additional seacoast corrosion protection. Refer to bulletin number UN-SVS114-CS for application information.
(5) Available from Wane Parts.

Read Only

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.
SH-6
Effective 1/1/15
14-1011-35

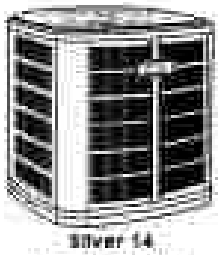
Split System Heat Pumps
Single Phase – 1½-5 Tons



Silver 15
(Single Stage)

Table SH-7-A — Silver 15 R-410A Split System Single Stage Heat Pump

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in.) H	W	D	Shipping Weight (lbs.)	Sound Rating	MCA	Max. Fuse	Line Size (in) (D) Gas	(D) Liq.
4A5H4018H1000A	208/230/1/60	18,000	28	25	26	191	73	12	20	½	⅜
4A5H4024H1000A	208/230/1/60	24,000	33	33	30	256	71	14	25	½	⅜
4A5H4030H1000A	208/230/1/60	29,800	33	33	30	256	71	14	25	½	⅜
4A5H4036H1000A	208/230/1/60	34,800	28	37	34	245	72	17	30	½	⅜
4A5H4036H1000A	208/230/1/60	36,200	45	37	34	245	70	18	30	½	⅜
4A5H4042H1000A	208/230/1/60	41,500	45	37	34	277	72	22	35	½	⅜
4A5H4048H1000A	208/230/1/60	48,000	45	37	34	300	72	24	40	½	⅜
4A5H4060H1000A	208/230/1/60	57,500	45	37	34	351	72	32	50	1⅛	⅜



Silver 14
(Single Stage)

Table SH-7-B — Silver 14 R-410A Split System Single Stage Heat Pump

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in.) H	W	D	Shipping Weight (lbs.)	Sound Rating	MCA	Max. Fuse	Line Size (in) (D) Gas	(D) Liq.
4A5H4018E1000A	208/230/1/60	18,000	28	25	26	191	73	12	20	½	⅜
4A5H4024E1000A	208/230/1/60	24,000	33	33	30	256	71	14	25	½	⅜
4A5H4030E1000A	208/230/1/60	29,000	28	37	34	245	72	17	30	½	⅜
4A5H4036E1000A	208/230/1/60	34,800	28	37	34	245	70	18	30	½	⅜
4A5H4042E1000A	208/230/1/60	41,500	28	37	34	277	72	22	35	½	⅜
4A5H4048E1000A	208/230/1/60	48,000	45	37	34	300	72	24	40	½	⅜
4A5H4060E1000A	208/230/1/60	57,000	45	37	34	351	72	32	50	1⅛	⅜

* Information subject to change. / **Sound ratings with current [illegible] Data/Sentinel Parts for current factory production.
*** Tested in accordance with AHRI Standard 270-2008.

Read

Split System Heat Pumps
Single Phase – 1½-5 Tons

Table SH-8-A — Features

	Silver 16 (4A8H6)	Silver 14 (4A8H4)
• SEER up to	16.50	14.50
• HSPF up to	9.50	8.50
• **Duration™** compressor	✔	✔
• **Comfort-R™** mode approved	✔	✔
• **DuraBase™** base, fast complete drain, weatherproof	✔	✔
• **Easy-Serv™** cabinet, service access & refrigerant connections with full coil protection	✔	✔
• **Spine Fin™** coil	✔	✔
• Factory installed charge	R-410A	R-410A
• Glossy composite resistant finish	✔	✔
• High pressure switch	✔	✔
• Low pressure switch	—	✔
• Internal high / low pressure & temperature protection	✔	✔
• Liquid line filter drier - factory supplied for field install	✔	✔
• Sightglass/ moisture indicator	✔	✔
• **10-year registered limited warranty on compressor, outdoor coil & all other functional parts (Residential Use)**(1)	✔	✔
• **Extended warranties available**	✔	✔

Table SH-8-B — Optional Accessories

Model Number	Description	Shipping Weight		
AYCEB064	Evaporator Defrost Control	1	✔	✔
BAYCDHT301SES	Crankcase Heater Kit (Scroll)	1	1	1½-5
BAYCDHT302SES	Crankcase Heater Kit (Scroll)	1	1½-3	1½-3
BAYEDMT322	Extreme Conditions Mounting Kit (Base 2)	2	1½-2	1½-2
BAYEDMT324	Extreme Conditions Mounting Kit (Base 4)	2	2½-5	2½-5
BAYGLCT101	Rubber Isolators	1	✔	✔
BAYKSRT203	Start kit (Scroll)	1	✔	✔
BAYLEG502	Snow Legs - 7" High (Black)	1	✔	✔
BAYLEG504	Snow legs - 4" High (Black)	1	✔	✔
BAYLOAM107A	Low Ambient Kit	1	✔	✔
TAYASCT301AA(3)	Anti-short Cycle Timer	1	✔	✔
BAYSDEH003	Small Scroll Compressor Enclosure	8	1½-3	1½-3
BAYSDEH004	Large Scroll Compressor Enclosure	8	4-5	3½-5
BAYSEN2001	Sensocoat Kit	1	✔	✔
AAYSVPAN3022AA	Service Valve Panel Cover Kit	2	1½	1½
AAYSVPAN3023AA	Service Valve Panel Cover Kit	2	2½	3-3½
AAYSVPAN3347AA	Service Valve Panel Cover Kit	2	3½-5(4)	4
AAYSVPAN3044AA	Service Valve Panel Cover Kit	2	3	—
AAYSVPAN3045AA	Service Valve Panel Cover Kit	2	3	3
RAYC3000	Remote Sensor	1	✔	✔

Comfort Controls — See Comfort Controls/Zone Sensors Section

(1) Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at americanstandardair.com or by phone at 800-894-9905; otherwise, American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASOwnersHub.com.

(2) Do not use with programmable thermostats.

(3) Activated on Power Up

(4) Used for additional electrical protection. Refer to outdoor number UN/05A14-(3) for application information.

Product Data Only

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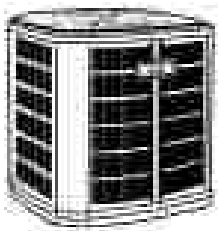
HEATING & AIR CONDITIONING

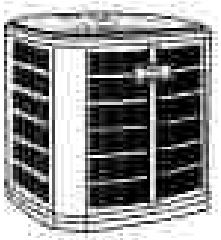
Split System Heat Pumps Three Phase



Gold 17
(Two Stage)
3-Phase

Table SH-3-A — Gold 17 3-Phase R-410A Split System Two Stage Heat Pump - Three Phase

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Unmated Dimensions (in.) H	W	D	Shipping Weight* (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in) OD Gas	OD Liq.
4A6C7036A3000A	208/230/3/60	30,000	45	37	34	307	72	15	25	½	¼
4A6C7048A3000A	208/230/3/60	46,500	45	37	34	323	73	18	30	½	¼
4A6C7060A3000A	208/230/3/60	58,500	45	37	34	326	74	22	35	1½	¼
4A6C7036A4000A	460/3/60	30,000	45	37	34	307	72	8	15	½	¼
4A6C7048A4000A	460/3/60	46,500	45	37	34	323	73	9	15	½	¼
4A6C7060A4000A	460/3/60	58,500	45	37	34	326	74	10	15	1½	¼



Silver 14
(Single Stage)
3-Phase

Table SH-3-B — Silver 14 3-Phase R-410A Split System Single Stage Heat Pump - Three Phase

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Unmated Dimensions (in.) H	W	D	Shipping Weight* (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in) OD Gas	OD Liq.
4A6C4036A3000A	208/230/3/60	36,000	29	37	34	248	73	13	30	½	¼
4A6C4042A3000A	208/230/3/60	41,000	29	37	34	248	74	18	20	½	¼
4A6C4048A3000A	208/230/3/60	47,500	33	37	34	300	74	18	30	½	¼
4A6C4060A3000A	208/230/3/60	55,500	45	37	34	301	74	21	35	1½	¼
4A6C4036A4000A	460/3/60	35,600	29	37	34	248	73	9	15	½	¼
4A6C4042A4000A	460/3/60	42,800	29	37	34	248	74	8	15	½	¼
4A6C4048A4000A	460/3/60	47,500	33	37	34	300	74	8	15	½	¼
4A6C4060A4000A	460/3/60	55,000	45	37	34	301	74	9	15	1½	¼

* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.
** Rated in accordance with AHRI Standard 271-2003.

Read Only

Split System Heat Pumps

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

Split System Heat Pumps Single Phase and Three Phase

Table SH-10-A — Features	Gold 17 (4A8G7)	Silver 14 (4A8G4)
• SEER up to	17.5	15.3
• HSPF up to	9.50	9.00
• **Comfort-R™** mode approved	✔	✔
• **DuraBase™** base, fast complete drain, weatherproof	✔	✔
• **Easy-Secs™** cabinet, service access & refrigerant connections with full coil protection	✔	✔
• **Spine Fin™** coil	✔	✔
• Compressor sump heat - factory installed	✔	✔
• Refrigerant	R-410A	R-410A
• Glossy corrosion resistant finish	✔	✔
• High pressure switch	✔	✔
• Low pressure switch	✔	✔
• Liquid line filter drier - factory supplied for Field Install	✔	✔
• **5-year basic limited warranty on compressor, 1-year on outdoor coil & all other functional parts (Commercial Use)**	✔	✔
• **5-year registered limited warranty on compressor, outdoor coil & 5-year on all other functional parts (Residential Use)** (1)	✔	✔
• **Extended warranties available**	✔	✔

Table SH-10-B — Optional Accessories

Model Number	Description	Shipping Weight		
AY2SX004	Evaporator Defrost Control HP	1	✔	✔
BAYCCHT301RES	Crankcase Heater Kit (Scroll)	1	4-6	3½-5
BAYCCHT302RES	Crankcase Heater Kit (Scroll)	1	3	3
BAYECMT004	Extreme Conditions Mounting Kit (Base 4)	2	3-5	3-5
BAYISLT101	Rubber Isolators	1	✔	✔
BAYLEGS007	Snow Legs - 7" High (Black)	1	✔	✔
BAYLEGS004	Snow Legs - 4" High (Black)	1	✔	✔
BAYLOAM107A	Low Ambient Kit	1	—	✔
BAYSDEN003	Small Scroll Compressor Enclosures	6	3	✔
BAYSDEN004	Large Scroll Compressor Enclosures	6	4.5	3½-5
BAYSEAC001	Seacoast Kit	1	✔	✔
TAWSCT001A0KIF	Anti-short cycle timer	2	✔	4
PAN0309NL	Hanssite Sprayoam	1	✔	—
AAY3VPANL0032AA	Service Valve Panel Cover Kit	2	—	3-3½
AAY3VPANL0044AA	Service Valve Panel Cover Kit	2	3-5	—
AAY3VPANL0046AA	Service Valve Panel Cover Kit	2	—	5
AAY3VPANL2343AA	Service Valve Panel Cover Kit	2	—	4

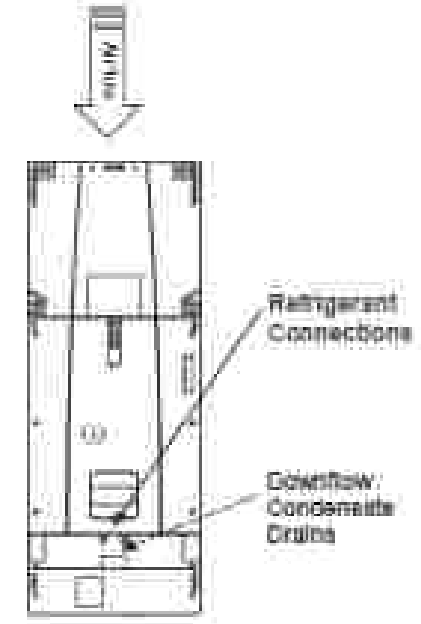
Comfort Controls — See Comfort Controls/Zone Sensors Section

(1) Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at americanstandardaa.com or by phone at 800-964-8070. Otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASCleaderNet.com.
(2) Do not use with programmable thermostats.
(3) Authorized on Power DS.
(4) Used for additional seacoast corrosion protection. Refer to bulletin number UN-010114-CN for application information.

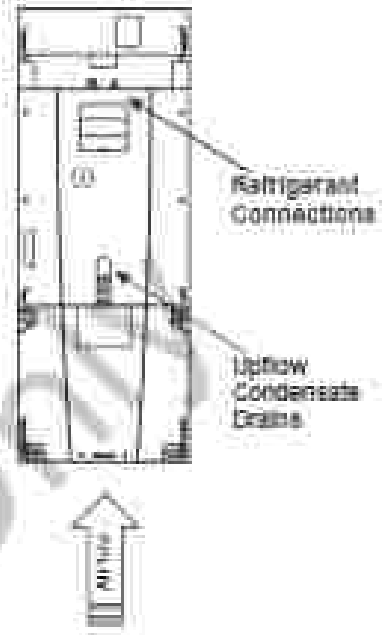
Read Only

Multi-position Air Handler

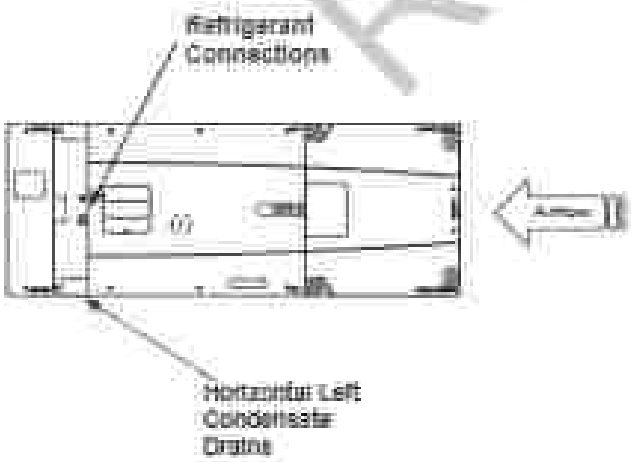
* Note: No internal modifications required for any position.



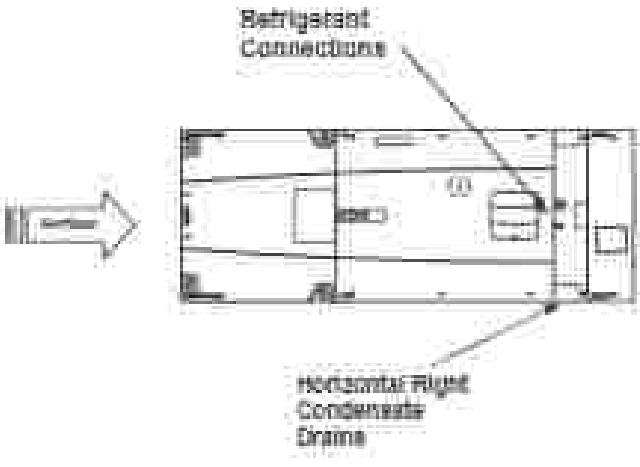
Vertical Downflow*



Vertical Upflow*
(as shipped)



Horizontal Left*



Horizontal Right*

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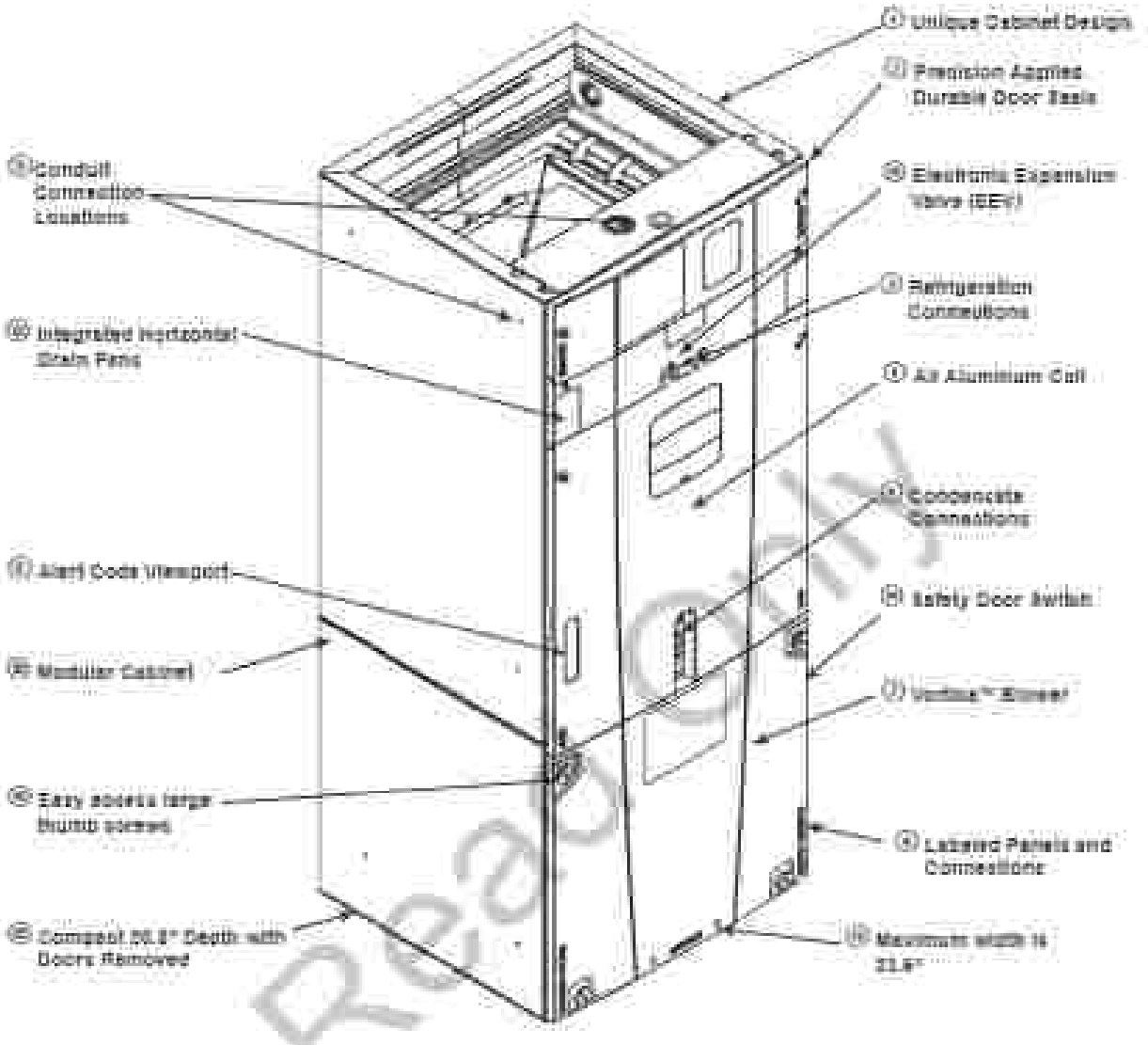
HEATING & AIR CONDITIONING

Features and Benefits



Read Only

① **Unique Cabinet Design**
- Double wall foamed cabinet system
- Weatherproof Cabinet Design (No Thermal Breakage)
- a R-4.2 Insulating Value (Avg. Insulating Value R-8.2)
- Composite Cabinet Doors
- Sweat Eliminating Cabinet Design
- Under Floor Eliminating Design
- Smooth Cleanable Cabinet Design

② **Precision Applied Durable Door Seals**

③ **Refrigeration Connections**

④ **Condensate Connections**

⑤ **Conduit Connection Locations** - Dimples in cabinet rear's Conduit Connection Locations for Left, Right, and Top

⑥ **Alert Code Viewport**
- Alert Codes can be Viewed Without Door Removal
- Control Protection Packet

⑦ **Vortica™ Blower**
- Polarized Plug Connections
- Integrated Slide Deck for Easy Removal

⑧ **All Aluminum Coil**
- Integrated Slide Deck for Easy Removal
- Polarized Plug connections on Coil EEV
- Painted Enhanced Coil Fin

⑨ **Labeled Panels and Connections**

⑩ **Electronic Expansion Valve (EEV)**
- Low Ambient and Low Superheat Compressor Protection
- Dual Refrigerant Configurable as Shipped

⑪ **Maximum width is 23.5"**

⑫ **Compact 20.8" Depth with Doors Removed**

⑬ **Integrated Horizontal Drain Pans**

⑭ **Safety Door Switch** - Fused 24V Power

⑮ **Modular Cabinet**

⑯ **Easy access large thumb screws**

For complete equipment / combination assembly, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installation Guides and Limited Warranty Handbooks.

Effective 1/1/18
14-1011-20

Series 9 Variable Speed Multi-Position Air Handlers 2-5 Tons

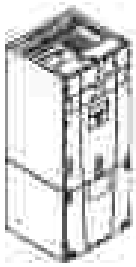


Table AH-3-A — AccuLink™ II or 24V Variable Speed R-410A with Smart Fan Options 200-230/1/60, Epoxy Coated Coil

Unit Model No.	Cooling Capacity (Btuh)	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Supply Opening	Return Opening	Filter Sizes	Line Size Gas	Line Size Liquid
TAM9A0424V21DA	24000	49.0 x 17.5 x 21.8	125	14.5 x 14.35	16.5 x 17.15	16 x 20 x 1	¾	⅜
TAM9A0630V31DA	30000	55.7 x 21.3 x 21.8	150	18.4 x 14.35	18.4 x 17.15	20 x 20 x 1	¾	⅜
TAM9A0736V31DA	36000	59.8 x 21.3 x 21.8	157	20.3 x 14.35	20.5 x 17.15	22 x 20 x 1	¾	⅜
TAM9B0742V41DA	42000	59.8 x 21.3 x 21.8	160	20.3 x 14.35	20.5 x 17.15	22 x 20 x 1	¾	⅜
TAM9A0748V41DA	48000	61.7 x 21.3 x 21.8	174	20.3 x 14.35	20.5 x 17.15	22 x 20 x 1	¾	⅜
TAM9A0760V51DA	60000	61.7 x 21.3 x 21.8	175	20.3 x 14.35	20.5 x 17.15	22 x 20 x 1	¾	⅜

Series 7 Variable Speed Multi-Position Air Handlers 2-5 Tons

Table AH-3-B — Variable Speed R-410A with Comfort-R™ Enhanced Mode Option 200-230/1/60, Epoxy Coated Coil

Unit Model No.	Cooling Capacity (Btuh)	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Supply Opening	Return Opening	Filter Sizes	Line Size Gas	Line Size Liquid
TAM7A0424H21EA	24000	49.0 x 17.5 x 21.8	125	14.5 x 14.35	16.5 x 17.15	16 x 20 x 1	¾	⅜
TAM7A0630H31EA	30000	55.7 x 21.3 x 21.8	150	18.4 x 14.35	18.4 x 17.15	20 x 20 x 1	¾	⅜
TAM7A0736H31EA	36000	59.8 x 21.3 x 21.8	157	20.3 x 14.35	20.5 x 17.15	22 x 20 x 1	¾	⅜
TAM7A0742H41EA	42000	59.8 x 21.3 x 21.8	160	20.3 x 14.35	20.5 x 17.15	22 x 20 x 1	¾	⅜
TAM7A0748H41EA	48000	61.7 x 21.3 x 21.8	174	20.3 x 14.35	20.5 x 17.15	22 x 20 x 1	¾	⅜
TAM7B0760H51EA	60000	61.7 x 21.3 x 21.8	175	20.3 x 14.35	20.5 x 17.15	22 x 20 x 1	¾	⅜

Read Only

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HEATING & AIR CONDITIONING

Series 9 & 7 Variable Speed Multi-Position Air-Tite™ Air Handlers

Table AH-4-A — Features	TAM9/TAM7 2-5	TAM7 2-5
• Unique cabinet design	✔	✔
– 2% or less air leakage	✔	✔
– Precision sealed - double door seals	✔	✔
– Specially designed air seal around refrigerant, condensate and conduit connections	✔	✔
– Double wall thermal cabinet system	✔	✔
– 2 R-4.2 insulating value (Avg. Insulating Value R-4.2)	✔	✔
– No loose liner design	✔	✔
– Smooth cleanable interior design	✔	✔
– Bead eliminating design	✔	✔
– Composite cabinet doors	✔	✔
– Water proof casing design	✔	✔
– Integrated horizontal drain pans	✔	✔
– Modular cabinet	✔	✔
• Multi-position Upflow, flow horizontal left/right	✔	✔
• Side return option (built as accessory)	✔	✔
• Control board deflection socket built into cabinet wall	✔	✔
• Main port to view control board codes without door removal	✔	✔
• AccuLink™ 8 or 24 unit control	✔	
• Alert code indication	✔	✔
• 7 button user interface and clear description of set up	✔	
• Service diagnostic with alert reported at user interface	✔	
• Low voltage terminal connection point	✔	✔
• Vortex™ blower with polarized plug connections and integrated slide rack for easy removal	✔	✔
• Aluminum coil with integrated slide rack for easy removal and polarized plug connections on the EEV	✔	✔
• Thermal expansion coil fin	✔	✔
• Brass coated coil	✔	✔
• Electronic Expansion Valve (EEV) with low ambient and low suction temp charge protection	✔	✔
• Dual refrigerant compatible as shipped	✔	✔
• Slide in electric heaters with polarized plug connections (kW as accessory)	✔	✔
• Slide in hot water coils with polarized plug connections (coil as accessory)	✔	✔
• UVC light kit with safety switch and polarized plug connections (kit as accessory)	✔	✔
• Labeled panels and connections	✔	✔
• Molded in 1" standard filter rail	✔	✔
• Direct drive, variable speed ECM blower motor / Constant airflow ECM (electronically commutated motor)	✔	✔
• Soft start fan motor operation	✔	✔
• Comfort R™ mode	✔	✔
• Built in fan delay modes	✔	✔
• Maximum width of 23.5"	✔	✔
• Compact 20.5" depth with doors removed	✔	✔
• Fused 24v power	✔	✔
• Safety door switch	✔	✔
• **5-year base limited warranty**	✔	✔
• **10-year registered limited warranty**	✔	✔
• **Optional extended warranty available**	✔	✔

Preliminary

For complete equipment / combination assembly, installation instructions and warranty information, please refer to Product Data Ratings and/or Installer Guides and Limited Warranty Handbooks.

Effective 1/1/13
14-1011-33

Series 9 & 7 Variable Speed Multi-Position Air-Tite™ Air Handlers

Table AH-6-A — Optional Accessories

Model Number	Description	Cabinet Size(s)[1]	IAQE	IAQT
BAYWAUAD5SC1AA	Hydronic Heater: 45,000 BTUH, Nominal[2]	A	✔	—
BAYWABBET4C1AA	Hydronic Heater: 70,000 BTUH, Nominal[2]	B	✔	—
BAYWADCDSSC1AA	Hydronic Heater: 90,000 BTUH, Nominal[2]	C	✔	—
BAYWAUAD5SC1AA	Hydronic Heater: 45,000 BTUH, Nominal, Blower, RS-485 Controls	A	—	✔
BAYWABBET5C1AA	Hydronic Heater: 70,000 BTUH, Nominal, Blower, RS-485 Controls	B	—	✔
BAYWADCDSSC1AA	Hydronic Heater: 90,000 BTUH, Nominal, Blower, RS-485 Controls	C	—	✔
BAYWADC11SC1AA	Hydronic Heater: 105,000 BTUH, Nominal, External, No Controls[3]	C	✔	✔
BAYWAKIT24VAC	Hydronic Heater Relay Kit	C	✔	—
BAYWBRD485	RS-485 Control for BAYWADC11SC1AA	C	—	✔
BAYSUPPL1AA	Supply Duct Flange A	A	✔	✔
BAYSUPPL1BA	Supply Duct Flange B	B	✔	✔
BAYSUPPL1CA	Supply Duct Flange C	C	✔	✔
BAYRETPL1AA	Return Duct Flange A	A	✔	✔
BAYRETPL1BA	Return Duct Flange B	B	✔	✔
BAYRETPL1CA	Return Duct Flange C	C	✔	✔
BAYFLR1620A	Washable high velocity filter, 16" x 20" x 1" (12 filters)	A	✔	✔
BAYFLR2020A	Washable high velocity filter, 20" x 20" x 1" (12 filters)	B	✔	✔
BAYFLR2220A	Washable high velocity filter, 22" x 20" x 1" (12 filters)	C	✔	✔
TXEB1T1B0000	Plenum Stand with Integrated Sound Baffle A	A	✔	✔
TXEC1T1B0000	Plenum Stand with Integrated Sound Baffle B	B	✔	✔
TXED1T1B0000	Plenum Stand with Integrated Sound Baffle C	C	✔	✔
MTEHHT1C0000	Side Return Kit with 16"x20" Filter	A,C	✔	✔
BAYSRKIT1620	Side Return Kit	A,C	✔	✔
BAYFRKIT1TS	Front Return Kit	A	✔	✔
BAYFRKIT2TS	Front Return Kit	B	✔	✔
BAYFRKIT2DS	Front Return Kit	C	✔	✔
TXEBBK1T0B0000	Sound Baffle Kit 17.5" Cabinet	A	✔	✔
TXEBBK2T0B0000	Sound Baffle Kit 21.5" Cabinet	B	✔	✔
TXEBBK2D0B0000	Sound Baffle Kit 23.5" Cabinet	C	✔	✔
BAYSPERT200	Single Power Entry Kit		✔	✔
TXVBAEEDM0A	Downflow Sub-Base Kit	A,C	✔	✔
BAYICBA2701	Internal Condensate Switch Kit		✔	✔
BAYHBKIT1SS	Horizontal Hanger Kit		✔	✔
BAYUVCLAMP1	UVC Lights		✔	✔
BAYLVKIT1DL	Low Voltage Conduit Entry Kit		✔	✔
BAYHUMBKIT3D1	Air Handler Electronic Humidifier Kit (Add on Variable Speed Blower Motor)		✔	✔
BAYBAFKIT17SA[4]	Sound Baffle Kit 17.5" Cabinet	A	✔	✔
BAYBAFKIT21SA[4]	Sound Baffle Kit 21.5" Cabinet	B	✔	✔
BAYBAFKIT23SA[4]	Sound Baffle Kit 23.5" Cabinet	C	✔	✔
BAYINSKIT17SA	Sound Insulation Kit 17.5" Cabinet	A	✔	✔
BAYINSKIT21SA	Sound Insulation Kit 21.5" Cabinet	B	✔	✔
BAYINSKIT23SA	Sound Insulation Kit 23.5" Cabinet	C	✔	✔
BAYCNDRPD1A	3/4" PVC Threaded Riser Kit with Trap and Tee[5]		✔	✔

[1] A Cabinet is 17.5" wide, B Cabinet is 21.5" wide, C Cabinet is 23.5" wide.
[2] Contact your distributor for information.
[3] [illegible] Thermostat can not be used with Hydronic heating.
[4] In heating plenum applications, use 14"x20" elbs for ducted return(s).
[5] In down air applications (Plenum Stand) with sound baffle provides proper water trap.
[6] Models in 1K22 original product literature without integrated sound baffle.
[7] Models made as their inherent no air handler.

Web Only

BUILT TO A HIGHER STANDARD

American Standard.

HEATING & AIR CONDITIONING

Series 4 Multi-Position Air Handlers Single Phase 1½-5 Tons

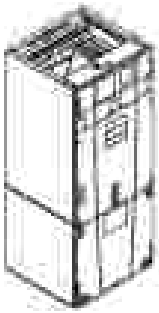

Table AH-6-A — Multi-Speed PSC Motor 200-230/1/60, Epoxy Coated Coil

Unit Model No.	Cooling Capacity (Btuh)	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Supply Opening	Return Opening	Filter Size	Line Size Gas	Line Size Liquid
TAM4A0A1B511ED	18000	45.5 x 17.5 x 21.8	123	14.5 x 14.35	14.5 x 17.15	16 x 20 x 1	¾	¾
TAM4A0A2A521ED	24000	45.5 x 17.5 x 21.8	126	14.5 x 14.35	14.5 x 17.15	16 x 20 x 1	¾	¾
TAM4A0A3B521ED	30000	45.5 x 17.5 x 21.8	127	14.5 x 14.35	14.5 x 17.15	16 x 20 x 1	¾	¾
TAM4A0A3B531ED	36000	45.5 x 17.5 x 21.8	130	14.5 x 14.35	14.5 x 17.15	16 x 20 x 1	¾	¾
TAM4A0B4B531ED	42000	55.7 x 21.5 x 21.8	144	18.4 x 14.35	18.4 x 17.15	20 x 20 x 1	¾	¾
TAM4A0C4B541ED	48000	56.9 x 23.5 x 21.8	160	20.5 x 14.35	20.5 x 17.15	20 x 20 x 1	¾	¾
TAM4A0C6B651ED40	60000	61.7 x 23.5 x 21.8	171	20.5 x 14.35	20.5 x 17.15	22 x 20 x 1	¾	¾

(Energy efficiency COM cover)

Table AH-6-B — Features	TAM4 1 1/2-5
- Unique cabinet design	✔
- 2% or less air leakage	✔
- Precision applied - durable door seals	✔
- Specially designed air seal around refrigerant, condensate and conduit connections	✔
- Double wall foamed cabinet system	✔
- 2 R-4.2 insulating value (Reg. Insulating Value R-4.2)	✔
- No loose floor design	✔
- Smooth, cleanable interior design	✔
- Sweat eliminating design	✔
- Composite cabinet doors	✔
- Water proof cabinet design	✔
- Integrated horizontal drain pans	✔
- Modular cabinet	✔
- Multi-position upstream flow horizontal left/right	✔
- Side return option (sold as accessory)	✔
- Alert code notification	✔
- Low voltage pigtail connections	✔
- **Vortex*** blower with polarized plug connections and integrated slide rails for easy removal	✔
- Aluminum coil with integrated slide rails for easy removal and polarized plug connections on coil EEV	✔
- Enhanced coil fin patented	✔
- Epoxy coated coil	✔
- Electronic Expansion Valve (EEV) with low ambient and low superheat compressor protection	✔
- Dual refrigerant compatible as standard	✔
- Slide in electric heaters with polarized plug connections (sold as accessory)	✔
- UVC light kit with safety switch and polarized plug connections (sold as accessory)	✔
- Labeled panels and connections	✔
- Molded in 1" standard filter rail	✔
- PSC 3 speed motor	1½-2
- Direct drive, multi speed ECM blower motor - Constant torque ECM (electronically commutated motor)	3
- Maximum width of 23.5"	✔
- Compact 20.8" depth with doors removed	✔
- Fused 24v power	✔
- Safety door switch	✔
- **5-year base limited warranty**	✔
- **10-year registered limited warranty**	✔
- **Optional extended warranty available**	✔

Read Only

Air Handlers/Heaters

For complete equipment / combination assistance, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

Effective 1/1/18
14-1011-25

Series 4 Multi-Position Air Handlers
Single Phase 1½-5 Tons

Table AH-F-A — Optional Accessories

Model Number	Description	Narrow Cabinet Sizes[1]	AHRI
BAYSUPFLG3A	Supply Duct Flange A	A	✔
BAYSUPFLG3B	Supply Duct Flange B	B	✔
BAYSUPFLG3C	Supply Duct Flange C	C	✔
BAYRETFLG3A	Return Duct Flange A	A	✔
BAYRETFLG3B	Return Duct Flange B	B	✔
BAYRETFLG3C	Return Duct Flange C	C	✔
BAYFLHNS3A	Washable high velocity filter, 16" x 20" x 1" (12 filters)	A	✔
BAYFLR2S3A	Washable high velocity filter, 20" x 20" x 1" (10 filters)	B	✔
BAYFLR2S3A	Washable high velocity filter, 22" x 20" x 1" (10 filters)	C	✔
TASB17SB3000	Plenum Stand with Integrated Sound Baffle A	A	✔
TASB21SB3000	Plenum Stand with Integrated Sound Baffle B	B	✔
TASB23SB3000	Plenum Stand with Integrated Sound Baffle C	C	✔
MTSRHJTKS3000	Side Return Kit with 16"x20" Filter	A-C	✔
TASSBK17S0SB0	Sound Baffle Kit 17.5" Cabinet	A	✔
TASSBK21S0SB0	Sound Baffle Kit 21.5" Cabinet	B	✔
TASSBK23S0SB0	Sound Baffle Kit 23.5" Cabinet	C	✔
BAYSPEKT20D	Single Power Entry Kit		✔
BAYSRKIT10D	Side Return Kit	A-C	✔
BAYFRKIT17D	Front Return Kit	A	✔
BAYFRKIT21D	Front Return Kit	B	✔
BAYFRKIT23D	Front Return Kit	C	✔
BAYCSKIT01	Internal Condensate Switch Kit		✔
BAYHRKIT01	Horizontal Hanger Kit		✔
BAYUVCLK001	UVC Light		✔
BAYLVKIT10A	Low Voltage Conduit Entry Kit		✔
BAYAHERKIT001	Air Handler Electronic Noise Kit (used on Variable Speed Blower Motor)		✔
BAYSAFKT17SA [2]	Sound Baffle Kit 17.5" Cabinet	A	✔
BAYSAFKT21SA [2]	Sound Baffle Kit 21.5" Cabinet	B	✔
BAYSAFKT23SA [2]	Sound Baffle Kit 23.5" Cabinet	C	✔
BAYINSKT17SA	Sound Insulation Kit 17.5" Cabinet	A	✔
BAYINSKT21SA	Sound Insulation Kit 21.5" Cabinet	B	✔
BAYINSKT23SA	Sound Insulation Kit 23.5" Cabinet	C	✔
BAYCNDFIP01A	3/4" PVC Thrueeze Plate Kit (Qty of 10)		✔

[1] A Cabinet is 17.5" wide, B Cabinet is 21.5" wide, C Cabinet is 23.5" wide
[2] Consult your distributor for information
[3] In return plenum applications, use BAYSRKIT01 Kit for sound attenuation
[4] In open air applications, Plenum Stand with Integrated Sound Baffle provides sound reduction
[5] Models in 24VS shipped preset, change AHRI to match installed speed taps
[6] Models below 36 Ton cabinet not applicable

Red Only

BUILT TO A HIGHER STANDARD

American Standard
HEATING & AIR CONDITIONING

Series 5 Multi-Position Air Handlers
Single Phase 1½-5 Tons

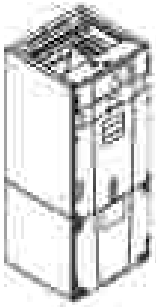

Table AH-5-A — Multi-Speed High Efficiency Motor 208-230/1/60, Epoxy Coated Coil

Unit Model No.	Cooling Capacity (Btuh)	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Supply Opening	Return Opening	Filter Sizes	Line Size Gas	Line Size Liquid
[illegible]	[illegible]	49.5 x 17.5 x 21.8	125	14.5 x 14.25	14.5 x 17.13	16 x 25 x 1	¾	⅜
[illegible]	24000	49.5 x 17.5 x 21.8	126	14.5 x 14.25	14.5 x 17.13	16 x 20 x 1	¾	⅜
[illegible]	30000	51.5 x 21.0 x 21.8	140	18.4 x 14.25	18.4 x 17.13	20 x 25 x 1	¾	⅜
[illegible]	36000	55.7 x 21.0 x 21.8	150	18.4 x 14.25	18.4 x 17.13	20 x 25 x 1	¾	⅜
[illegible]	42000	58.5 x 23.5 x 21.8	163	20.5 x 14.25	20.5 x 17.13	22 x 25 x 1	¾	⅜
[illegible]	48000	61.7 x 23.5 x 21.8	176	20.5 x 14.25	20.5 x 17.13	22 x 25 x 1	¾	⅜
[illegible]	[illegible]	61.7 x 23.5 x 21.8	180	20.5 x 14.25	20.5 x 17.13	22 x 25 x 1	¾	⅜

Table AH-5-B — Features

	Series 5 1½-5
• Unique cabinet design	✔
– 2% or less air leakage	✔
– Precision sealed - double door seals	✔
– Specially designed air seal around refrigerant, condensate and service connections	✔
– Double wall foamed cabinet system	✔
– 2 R-4.2 insulating value (Avg. insulating value R-4.2)	✔
– No knee floor design	✔
– Smooth cleanable interior design	✔
– Shear eliminating design	✔
– Composite cabinet doors	✔
– Water proof cabinet design	✔
– Integrated horizontal drain pans	✔
– Multi-pan cabinet	✔
• Multi-position (upflow, flow horizontal left/right)	✔
• Side return option (sold as accessory)	✔
• Low voltage pigtail connections	✔
• "ecoflow" blower with polarized plug connections and [illegible] for easy removal	✔
• Aluminum coil with integrated slide rack for easy removal	✔
• Patented enhanced coil fin	✔
• Epoxy coated coil	✔
• R-410A TXV	✔
• Slide in electric heaters with polarized plug connections (sold as accessory)	✔
• UVC light kit with safety switch and polarized plug connections (sold as accessory)	✔
• Labeled barrels and connections	✔
• Mastaic in 1" slide-care filter rail	✔
• Direct drive, multi speed ECM blower motor - Constant torque ECM (electronically commutated motor)	✔
• Maximum width of 23.5"	✔
• Compact 20.9" depth with doors removed	✔
• Pulsed 24v power	✔
• Safety door switch	✔
• **5-year base limited warranty**	✔
• **10-year registered limited warranty**	✔
• **Optional extended warranty available**	✔

Residential Only

For complete equipment / combination assembly, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installation Guides and Limited Warranty Handbooks.

Effective 1/1/13
14-1011-33

Series 5 Multi-Position Air Handlers
Single Phase 1½-5 Tons

Table AH-8-A — Optional Accessories

Model Number	Description	Cabinet Size[1]	CARE
BAYSUAADSCTAA	Hydronic Heater, 40,000 BTUH, Nominal, Slide-in, No Control	A	✔
BAYSUBDCTSC1AA	Hydronic Heater, 60,000 BTUH, Nominal, Slide-in, No Control	B	✔
BAYSUCCDSC1AA	Hydronic Heater, 80,000 BTUH, Nominal, Slide-in, No Control	C	✔
BAYSUCC1SC1AA	Hydronic Heater, 100,000 BTUH, Nominal, Slide-in, No Control	C	✔
BAYSUPPLDAA	Supply Duct Flange A	A	✔
BAYSUPPLDBA	Supply Duct Flange B	B	✔
BAYSUPPLDCA	Supply Duct Flange C	C	✔
BAYRETFLDAA	Return Duct Flange A	A	✔
BAYRETFLDBA	Return Duct Flange B	B	✔
BAYRETFLDCA	Return Duct Flange C	C	✔
BAYFLHSSA	Washable high velocity filter, 16" x 20" x 1" (10 filters)	A	✔
BAYFLRSSSA	Washable high velocity filter, 20" x 20" x 1" (10 filters)	B	✔
BAYFLRSSSA	Washable high velocity filter, 24" x 20" x 1" (10 filters)	C	✔
TXSB17SSDDDT	Plenum Sound with Integrated Sound Baffle A	A	✔
TXSB21SSDDDT	Plenum Sound with Integrated Sound Baffle B	B	✔
TXSB25SSDDDT	Plenum Sound with Integrated Sound Baffle C	C	✔
MTGRNUT1620D	Side Return Kit with 16"x20" Filter	A-C	✔
TASBK17SDDDD	Sound Baffle Kit 17.5" Cabinet	A	✔
TASBK21SDDDD	Sound Baffle Kit 21.5" Cabinet	B	✔
TASBK25SDDDD	Sound Baffle Kit 25.5" Cabinet	C	✔
BAYSPEKT20D	Single Power Entry Kit		✔
BAYSRKIT1620	Side Return Kit	A-C	✔
BAYFRKIT17S	Front Return Kit	A	✔
BAYFRKIT21S	Front Return Kit	B	✔
BAYFRKIT25S	Front Return Kit	C	✔
BAYHHKIT001	Horizontal Hanger Kit		✔
BAYUVCLAMP1	UVC Light		✔
BAYLVKIT10SA	Low Voltage Conduit Entry Kit		✔
BAYAHEMKIT001	Air handler Electronic Noise Kit (used on applicable Speed Blower Motor)		✔
BAYBAFFT17SA	Baffle Kit 17.5" Cabinet	A	✔
BAYBAFFT21SA	Baffle Kit 21.5" Cabinet	B	✔
BAYBAFFT25SA	Baffle Kit 25.5" Cabinet	C	✔
BAYINSKT17SA[2]	Sound Insulation Kit 17.5" Cabinet	A	✔
BAYINSKT21SA[2]	Sound Insulation Kit 21.5" Cabinet	B	✔
BAYINSKT25SA[2]	Sound Insulation Kit 25.5" Cabinet	C	✔
BAYCNDPIP1A	3/4" PVC Thimble Kit for [illegible] wall (10 pk)		✔

Model Number	Description	CARE[3]
BAYRFKIT03SA	R-22 [illegible] conversion kit	1½-2
BAYRFKIT04AA	R-22 [illegible] conversion kit	2½-3½
BAYRFKIT05SA	R-22 [illegible] conversion kit	4-5

(1) A Cabinet is 17.5" wide, B Cabinet is 21.5" wide, C Cabinet is 25.5" wide.
(2) Consult your distributor for information.
(3) In select blower applications, use TXSDDDD kits for sound reduction.
(4) In open-air applications, Plenum Sound with Sound Baffle promotes sound transmission.
(5) Sounds to 18.5/8 weighted power levels without integrated sound baffle.
(6) Sounds levels as they measure on air handler.

Price Book Only

For complete equipment / combination assembly, installation instructions and warranty information, please refer to Product Data Ratings and/or Installation, Service and Limited Warranty Handbooks.

BUILT TO A HIGHER STANDARD

American Standard
HEATING & AIR CONDITIONING

Series 2 Split System Air Handlers
Single Phase 1½-3 Tons

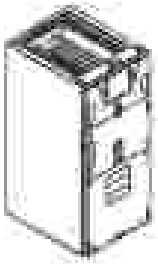

Table AH-10-A — Multi-Speed PSC Motor 208-230/1/60, Epoxy Coated Coil

Unit Model No.	Cooling Capacity (Btuh)	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Supply Opening	Return Opening	Filter Size	Line Size Gas	Line Size Liquid
[illegible]	[illegible]	35.5 x 17.5 x 21.6	117	14.5 x 10.75	14.5 x 17.5	Side	¾	⅜
[illegible]	[illegible]	35.5 x 17.5 x 21.6	120	14.5 x 10.75	14.5 x 17.5	Side	¾	⅜
[illegible]	[illegible]	35.5 x 17.5 x 21.6	121	14.5 x 10.75	14.5 x 17.5	Side	¾	⅜
[illegible]	[illegible]	35.5 x 17.5 x 21.6	123	14.5 x 10.75	14.5 x 17.5	Side	¾	⅜

Table AH-10-B — Multi-Speed High Efficiency ECM Motor 208-230/1/60, Epoxy Coated Coil

Unit Model No.	Cooling Capacity (Btuh)	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Supply Opening	Return Opening	Filter Size	Line Size Gas	Line Size Liquid
[illegible]	[illegible]	35.5 x 17.5 x 21.6	118	14.5 x 14.25	14.5 x 17.13	Side	¾	⅜

(1) High-efficiency ECM blower

Table AH-10-C — Features

	SAF2 1 1/2-3
• Unique cabinet design	✓
– 2% of less air leakage	✓
– Product applied - durable cord seals	✓
– Precisely designed air seal around refrigerant, condensate and service connections	✓
– Double wall foamed cabinet system	✓
– Σ R-4.2 insulating value (Avg. Insulating Value R-4.2)	✓
– No loose fiber design	✓
– Smooth cleanable interior design	✓
– Sweat eliminating design	✓
– Composite cabinet doors	✓
– Water proof cabinet design	✓
– Integrated hopetite main jack	✓
• 3-way connection (in flow/horizontal left/right)	✓
• Front-return option	✓
• Low voltage pigtail connections	✓
• Vortex® blower with extension plug connections and integrated slide cover for easy removal	✓
• Aluminum coil with integrated slide cover for easy removal and standard plug connections on the EEV (SAF2VA/VC series)	✓
• Patented enhanced coil fin	✓
• Epoxy coated coil	✓
• R-410A TXV	✓
• Labelled pigtails and connections	✓
• PSC 3 speed motor	✓
• Direct drive, multi speed ECM blower motor - Constant torque ECM (electronically commutated motor) (SAF2VA/VC series)	✓
• Maximum width of 23.5"	✓
• Compact 20.6" depth with doors removed	✓
• Fused 24v power	✓
• 5-year base limited warranty	✓
• 10-year registered limited warranty	✓
• Optional extended warranty available	✓

Preliminary

For complete equipment / combination assembly, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installation and Limited Warranty Handbooks.

Effective 1/1/18
14-1011-20

Series 2 Split System Air Handlers
Single Phase 1½-3 Tons

Table AH-11-4 — Optional Accessories

Model Number	Description	GAF2 (1)
BAHATXXXBAC	R-410A TXV conversion kit 1½ to 3 ton	✓
BAYBRFBLXXX	Bottom Return Filter Box	✓
BAYFRHTXXX	Front Return Kit	✓
BAYICSKIT01	Internal Condensate Switch Kit (GAF2A0B3E0X11BA)	✓
BAYLVKIT10C	Low Voltage Conduit Entry Kit	✓
BAYRETPLXXX	Return Duct Flange A, A1	✓
BAYSEPSCNNXX	Supply Duct Flange A1	✓
BAYSHEMKIT01	Air handler Electronic Noise Kit used on Variable Speed Blower Motor	✓
BAYSRKIT10C	Side Return Kit	✓
BAYWMKIT20C	Wall Mount Kit	✓
TASBLT15SFSC	Plenum Stand with Integrated Sound Baffle A	✓
MTSRKIT1620D	Side Return Kit with 16"x20" Filter	✓
TASSBKIT05SA	Sound Baffle Kit 17.5" Cabinet (mounts to TASB plenum stands)	✓
BAYEXPCNT1	Pull disconnect kit	✓
BAYBAFKIT17A	Baffle Kit 17.5" Cabinet (mounts in air handler filter channel)	✓
BAYINSKIT17A	Sound Insulation Kit 17.5" Cabinet	✓
BAYCNDPIPC1A	3/4" PVC Threaded Pipe Kit with foam seal (10 kits)	✓

(1) Use A-I compliance ("I-1") when selected a model on the GAF2 air handlers with

(2) Contact your distributor for information.

(3) In warm plenum applications, use HECON kits for severe heat pumps.

(4) In cased air applications (Vertical, Sides with Sound baffle promotes sound transmission.

Read Only

Heaters for Multi-Position Air Handlers

Table AH-12-A — BAYEA — Heater, Standard, for Series 3, Series 4, and Series 5 Air Handlers

Heater Model Number	Capacity @ 240 Volts kW	Capacity @ 240 Volts BTUH	Capacity @ 208 Volts kW	Capacity @ 208 Volts BTUH	Rated Voltage	Control Stages	Number of Heater Racks	Number of Circuits	Heater Amps per Circuit 208 Volts	Heater Amps per Circuit 240Volt	Contains Circuit Breakers
BAYEAC03BK1BA	3.84	13100	2.88	9800	208/240/1/60	1	1	1	15.8	16	Yes
BAYEAC04LQ1BA	3.84	13100	2.88	9800	208/240/1/60	1	1	1	17.8	16	No
BAYEAC05BK1BA	4.80	16400	3.60	12300	208/240/1/60	1	1	1	17.3	20	Yes
BAYEAC05LQ1BA	4.80	16400	3.60	12300	208/240/1/60	1	1	1	17.8	20	No
BAYEAC08BK1BA	7.68	26200	5.76	19700	208/240/1/60	2	2	1	27.7	32	Yes
BAYEAC08LQ1BA	7.68	26200	5.76	19700	208/240/1/60	2	2	1	27.7	32	No
BAYEAC10BK1BA	9.60	32800	7.20	24600	208/240/1/60	2	2	1	34.6	40	Yes
BAYEAC10LQ1BA	9.60	32800	7.20	24600	208/240/1/60	2	2	1	34.6	40	No
BAYEAC14BK1BA	14.40	49200	10.80	36900	208/240/1/60	3	3	2	34.6/17.3	40/20	Yes
BAYEAC14LQ1BA	14.40	49200	10.80	36900	208/240/1/60	3	3	2	34.6/34.6	40/40	No
BAYEAC17BK1BA	19.20	65500	14.40	49200	208/240/1/60	3	4	2	34.6/34.6	40/40	Yes
BAYEAC17LQ1BA	19.20	65500	14.40	49200	208/240/1/60	3	4	2	34.6/34.6/17.3	40/40/20	No

Table AH-12-B — BAYEV — Heater, Standard, for Series 7 Air Handlers

Heater Model Number	Capacity @ 240 Volts kW	Capacity @ 240 Volts BTUH	Capacity @ 208 Volts kW	Capacity @ 208 Volts BTUH	Rated Voltage	Control Stages	Number of Heater Racks	Number of Circuits	Heater Amps per Circuit 208 Volts	Heater Amps per Circuit 240Volt	Contains Circuit Breakers
BAYEVC03BK1BA	3.84	13100	2.88	9800	208/240/1/60	1	1	1	15.8	16	Yes
BAYEVC04LQ1BA	3.84	13100	2.88	9800	208/240/1/60	1	1	1	17.8	16	No
BAYEVC05BK1BA	4.80	16400	3.60	12300	208/240/1/60	1	1	1	17.3	20	Yes
BAYEVC05LQ1BA	4.80	16400	3.60	12300	208/240/1/60	1	1	1	17.8	20	No
BAYEVC08BK1BA	7.68	26200	5.76	19700	208/240/1/60	2	2	1	27.7	32	Yes
BAYEVC08LQ1BA	7.68	26200	5.76	19700	208/240/1/60	2	2	1	27.7	32	No
BAYEVC10BK1BA	9.60	32800	7.20	24600	208/240/1/60	2	2	1	34.6	40	Yes
BAYEVC10LQ1BA	9.60	32800	7.20	24600	208/240/1/60	2	2	1	34.6	40	No
BAYEVC14BK1BA	14.40	49200	10.80	36900	208/240/1/60	3	3	2	34.6/17.3	40/20	Yes
BAYEVC14LQ1BA	14.40	49200	10.80	36900	208/240/1/60	3	3	2	34.6/34.6	40/40	No
BAYEVC17BK1BA	19.20	65500	14.40	49200	208/240/1/60	3	4	2	34.6/34.6	40/40	Yes
BAYEVC17LQ1BA	19.20	65500	14.40	49200	208/240/1/60	3	4	2	34.6/34.6/17.3	40/40/20	No

Table AH-12-C — BAYEC — Heater, Compact, with Legs, for GAF2 Air Handlers

Heater Model Number	Capacity @ 240 Volts kW	Capacity @ 240 Volts BTUH	Capacity @ 208 Volts kW	Capacity @ 208 Volts BTUH	Rated Voltage	Control Stages	Number of Heater Racks	Number of Circuits	Heater Amps per Circuit 208 Volts	Heater Amps per Circuit 240Volt	Contains Circuit Breakers
BAYECA05LQ1BA	4.80	16400	3.60	12300	208/240/1/60	1	1	1	17.3	20	No
BAYECA08LQ1BA	7.68	26200	5.76	19700	208/240/1/60	2	2	1	27.7	32	No
BAYECA10LQ1BA	9.60	32800	7.20	24600	208/240/1/60	2	2	1	34.6	40	No

Table AH-12-D — BAYEA — Heater, 3-Phase, for Series 3, Series 4, and Series 5 Air Handlers (1)

Heater Model Number	Capacity @ 240 Volts kW	Capacity @ 240 Volts BTUH	Capacity @ 208 Volts kW	Capacity @ 208 Volts BTUH	Rated Voltage	Control Stages	Number of Heater Racks	Number of Circuits	Heater Amps per Circuit 208 Volts	Heater Amps per Circuit 240Volt	Contains Circuit Breakers
BAYEAC10LQ3BA	9.60	32800	7.20	24600	208/240/3/60	1	1	1	25.0	23.1	No
BAYEAC14LQ3BA	14.40	49200	10.80	36900	208/240/3/60	1	1	1	35.0	34.6	No

(1) 3-Phase - KIT 902 305 must be purchased in the voltage transformer.

Table AH-12-E — BAYEV — Heater, 3-Phase, for Series 7 Air Handlers

Heater Model Number	Capacity @ 240 Volts kW	Capacity @ 240 Volts BTUH	Capacity @ 208 Volts kW	Capacity @ 208 Volts BTUH	Rated Voltage	Control Stages	Number of Heater Racks	Number of Circuits	Heater Amps per Circuit 208 Volts	Heater Amps per Circuit 240Volt	Contains Circuit Breakers
BAYEVC10LQ3BA	9.60	32800	7.20	24600	208/240/3/60	1	1	1	25.0	23.1	No
BAYEVC14LQ3BA	14.40	49200	10.80	36900	208/240/3/60	1	1	1	35.0	34.6	No

For complete equipment / combination specifications, installation instructions and warranty information, please refer to Product Data Ratings and/or Installation Guides and Limited Warranty Handbooks.

Effective 1/1/18
14-1011-35

Heaters for Multi-Position Air Handlers

Table AH-12-A — Air Handler/Heater Matrix

AIR HANDLER	HEATER MODEL NUMBER BAYEA-										
MODEL NUMBER	AC[illegible] 3.84 Kw BK	AC[illegible] 3.84 Kw LG	AC[illegible] 4.80 Kw BK	AC[illegible] 4.80 Kw LG	AC[illegible] 7.68 Kw BK	AC[illegible] 7.68 Kw LG	AC[illegible] 9.60 Kw BK	AC[illegible] 9.60 Kw LG	AC[illegible] 11.40 Kw BK	AC[illegible] 16.20 Kw BK	AC[illegible] 24.00 Kw BK
TAM[illegible]	Y	Y	Y	Y	Y	Y	Y	Y	—	—	—
TAM[illegible]	Y	Y	Y	Y	Y	Y	Y	Y	Y	—	—
TAM[illegible]	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	—
TAM[illegible]	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	—
TAM[illegible]	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
TAM[illegible]	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
GAM[illegible]	Y	Y	Y	Y	Y	Y	Y	Y	—	—	—
GAM[illegible]	Y	Y	Y	Y	Y	Y	Y	Y	—	—	—
GAM[illegible]	Y	Y	Y	Y	Y	Y	Y	Y	Y	—	—
GAM[illegible]	Y	Y	Y	Y	Y	Y	Y	Y	Y	—	—
GAM[illegible]	Y	Y	Y	Y	Y	Y	Y	Y	Y	—	—
GAM[illegible]	Y	Y	Y	Y	Y	Y	Y	Y	Y	—	—
GAM[illegible]	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
GAM[illegible]	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
TAM[illegible]	Y	Y	Y	Y	Y	Y	Y	Y	—	—	—
TAM[illegible]	Y	Y	Y	Y	Y	Y	Y	Y	—	—	—
TAM[illegible]	Y	Y	Y	Y	Y	Y	Y	Y	Y	—	—
TAM[illegible]	Y	Y	Y	Y	Y	Y	Y	Y	Y	—	—
TAM[illegible]	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	—
TAM[illegible]	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
TAM[illegible]	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
HEATER MODEL NUMBER BAYEV-											
TAM[illegible]	Y	Y	Y	Y	Y	Y	Y	Y	—	—	—
TAM[illegible]	Y	Y	Y	Y	Y	Y	Y	Y	Y	—	—
TAM[illegible]	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	—
TAM[illegible]	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	—
TAM[illegible]	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
TAM[illegible]	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

BK = Cabinet Metal Heaters
LG = Cabinet Jug Lower Heater

Table AH-12-B — Air Handler/Heater Matrix (continued)

AIR HANDLER	3 PHASE HEATER MODEL NUMBER BAYEA-	
MODEL NUMBER	AC[illegible] 3.84 Kw LG	AC[illegible] 3.84 Kw LG
[illegible]	Y	—
[illegible]	Y	Y
[illegible]	Y	Y
[illegible]	Y	Y
[illegible]	Y	Y
[illegible]	Y	Y
[illegible]	Y	—
[illegible]	Y	—
[illegible]	Y	Y
[illegible]	Y	Y
[illegible]	Y	Y
[illegible]	Y	Y
[illegible]	Y	Y
[illegible]	Y	—
[illegible]	Y	—
[illegible]	Y	Y
[illegible]	Y	Y
[illegible]	Y	Y
[illegible]	Y	Y
[illegible]	Y	Y

AIR HANDLER	HEATER MODEL NUMBER BAYEC-		
MODEL NUMBER	AA[illegible] 4.80 Kw BK	AA[illegible] 7.68 Kw LG	AA[illegible] 9.60 Kw LG
[illegible]	Y	Y	Y
[illegible]	Y	Y	Y
[illegible]	Y	Y	Y
[illegible]	Y	Y	Y
[illegible]	Y	Y	Y
[illegible]	Y	Y	Y

AIR HANDLER	3 PHASE HEATER MODEL NUMBER BAYEV-	
MODEL NUMBER	AC[illegible] 3.84 Kw LG	AC[illegible] 14.4 Kw LG
[illegible]	Y	—
[illegible]	Y	Y
[illegible]	Y	Y
[illegible]	Y	Y
[illegible]	Y	Y
[illegible]	Y	Y

For complete equipment / combination assistance, installation instructions and warranty information, please refer to Product Data Ratings and/or Installers Guards and Limited Warranty Handbooks.

AH-13

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14-101-1-32

Air Handlers/Heaters

TEM Split System Air Handlers
Single Phase 1½-5 Tons

Table AH-14-A — R-410A AccuLink™ II or 24V Variable Speed Air Handler 208-230/1/60

Unit Model No.	Cooling Capacity (Btuh)	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Supply Opening	Return Opening	Filter Rack	Line Size Suc. Liquid
TEMAA[illegible]V21[illegible]A	24000	49.25 x 19.5 x 21.13	126	18.5 x 12.13	18.75 x 18.75	1	⅞ x ⅜
TEMAA[illegible]V31[illegible]A	30000	49.25 x 19.5 x 21.13	126	18.5 x 12.13	18.75 x 18.75	1	⅞ x ⅜
TEMAA[illegible]V41[illegible]A	36000	53.37 x 23.5 x 21.13	154	21.5 x 12.13	21.75 x 18.75	1	⅞ x ⅜
TEMAA[illegible]V41[illegible]A	42000	53.37 x 23.5 x 21.13	154	21.5 x 12.13	21.75 x 18.75	1	⅞ x ⅜
TEMAA[illegible]V51[illegible]A	48000	55.75 x 23.5 x 21.13	168	21.5 x 12.13	21.75 x 18.75	1	⅞ x ⅜
TEMAA[illegible]H21[illegible]A	24000	49.87 x 24.5 x 21.13	140	22.5 x 12.13	22.75 x 18.75	1	⅞ x ⅜
TEMAA[illegible]H31[illegible]A	30000	49.87 x 24.5 x 21.13	140	22.5 x 12.13	22.75 x 18.75	1	⅞ x ⅜
TEMAA[illegible]H41[illegible]A	36000	53.87 x 24.5 x 21.13	161	24.5 x 12.13	24.75 x 18.75	1	⅞ x ⅜
TEMAA[illegible]H41[illegible]A	42000	53.87 x 24.5 x 21.13	161	24.5 x 12.13	24.75 x 18.75	1	⅞ x ⅜
TEMAA[illegible]H51[illegible]A	48000	55.75 x 24.5 x 21.13	168	24.5 x 12.13	24.75 x 18.75	1	⅞ x ⅜
TEM[illegible]V21[illegible]B	24000	49.75 x 19.5 x 21.13	126	18.5 x 12.13	18.75 x 18.75	1	⅞ x ⅜
TEMBA[illegible]V31[illegible]B	30000	49.75 x 19.5 x 21.13	126	18.5 x 12.13	18.75 x 18.75	1	⅞ x ⅜
TEMBA[illegible]V41[illegible]B	36000	53.87 x 23.5 x 21.13	154	21.5 x 12.13	21.75 x 18.75	1	⅞ x ⅜
TEMBA[illegible]V41[illegible]B	42000	53.87 x 23.5 x 21.13	154	21.5 x 12.13	21.75 x 18.75	1	⅞ x ⅜
TEMBA[illegible]V51[illegible]B	48000	55.75 x 23.5 x 21.13	168	21.5 x 12.13	21.75 x 18.75	1	⅞ x ⅜
TEMBA[illegible]H21[illegible]B	24000	49.87 x 24.5 x 21.13	140	22.5 x 12.13	22.75 x 18.75	1	⅞ x ⅜
TEMBA[illegible]H31[illegible]B	30000	49.87 x 24.5 x 21.13	140	22.5 x 12.13	22.75 x 18.75	1	⅞ x ⅜
TEMBA[illegible]H41[illegible]B	36000	53.87 x 24.5 x 21.13	161	24.5 x 12.13	24.75 x 18.75	1	⅞ x ⅜

(1) Filter not supplied. Purchase filter required.

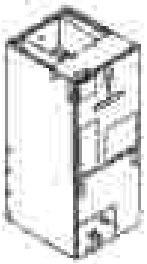

Table AH-14-B — R-410A Convertible Variable Speed Air Handler 208-230/1/60

Unit Model No.	Cooling Capacity (Btuh)	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Supply Opening	Return Opening	Filter Rack	Line Size Suc. Liquid
TEMAA[illegible]H21[illegible]A	24000	49.25 x 19.5 x 21.13	126	18.5 x 12.13	18.75 x 18.75	1	⅞ x ⅜
TEMAA[illegible]H31[illegible]A	30000	49.25 x 19.5 x 21.13	126	18.5 x 12.13	18.75 x 18.75	1	⅞ x ⅜
TEMAA[illegible]H41[illegible]A	36000	53.37 x 23.5 x 21.13	154	21.5 x 12.13	21.75 x 18.75	1	⅞ x ⅜
TEMAA[illegible]H41[illegible]A	42000	53.37 x 23.5 x 21.13	154	21.5 x 12.13	21.75 x 18.75	1	⅞ x ⅜
TEMAA[illegible]H51[illegible]A	48000	55.75 x 23.5 x 21.13	168	21.5 x 12.13	21.75 x 18.75	1	⅞ x ⅜
TEMAA[illegible]H21[illegible]A	24000	49.87 x 24.5 x 21.13	140	22.5 x 12.13	22.75 x 18.75	1	⅞ x ⅜
TEMAA[illegible]H31[illegible]A	30000	49.87 x 24.5 x 21.13	140	22.5 x 12.13	22.75 x 18.75	1	⅞ x ⅜
TEMAA[illegible]H41[illegible]A	36000	53.87 x 24.5 x 21.13	161	24.5 x 12.13	24.75 x 18.75	1	⅞ x ⅜
TEMAA[illegible]H41[illegible]A	42000	53.87 x 24.5 x 21.13	161	24.5 x 12.13	24.75 x 18.75	1	⅞ x ⅜
TEMAA[illegible]H51[illegible]A	48000	55.75 x 24.5 x 21.13	168	24.5 x 12.13	24.75 x 18.75	1	⅞ x ⅜
TEM[illegible]H21[illegible]B	24000	49.75 x 19.5 x 21.13	126	18.5 x 12.13	18.75 x 18.75	1	⅞ x ⅜
TEMBA[illegible]H31[illegible]B	30000	49.75 x 19.5 x 21.13	126	18.5 x 12.13	18.75 x 18.75	1	⅞ x ⅜
TEMBA[illegible]H41[illegible]B	36000	53.87 x 23.5 x 21.13	154	21.5 x 12.13	21.75 x 18.75	1	⅞ x ⅜
TEMBA[illegible]H41[illegible]B	42000	53.87 x 23.5 x 21.13	154	21.5 x 12.13	21.75 x 18.75	1	⅞ x ⅜
TEMBA[illegible]H51[illegible]B	48000	55.75 x 23.5 x 21.13	168	21.5 x 12.13	21.75 x 18.75	1	⅞ x ⅜
TEMBA[illegible]H21[illegible]B	24000	49.87 x 24.5 x 21.13	140	22.5 x 12.13	22.75 x 18.75	1	⅞ x ⅜
TEMBA[illegible]H31[illegible]B	30000	49.87 x 24.5 x 21.13	140	22.5 x 12.13	22.75 x 18.75	1	⅞ x ⅜
TEMBA[illegible]H41[illegible]B	36000	53.87 x 24.5 x 21.13	161	24.5 x 12.13	24.75 x 18.75	1	⅞ x ⅜

(1) Filter not supplied. Purchase filter required.

For complete equipment / combination assembly, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installer Guides and Limited Warranty Handbooks.

TEM Split System Air Handlers Single Phase 1½-5 Tons

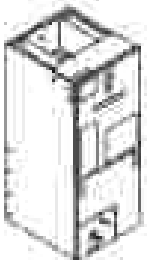

Table AH-15-A — R-410A Convertible Air Handler 208-230/1/60

Unit Model No.	Cooling Capacity (Btuh)	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Supply Opening	Return Opening	Filter Sizes	Line Size Gas Liquid
TEM4A0B18S21SA	18000	49.02 x 19.5 x 21.13	116	19.5 x 12.75	19.75 x 19.75	16	⅞ ⅜
TEM4A0B24S21SA	24000	49.02 x 19.5 x 21.13	116	19.5 x 12.75	19.75 x 19.75	16	⅞ ⅜
TEM4A0B30S31SA	30000	49.02 x 19.5 x 21.13	116	19.5 x 12.75	19.75 x 19.75	16	⅞ ⅜
TEM4A0C36S41SA	36000	53.27 x 23.5 x 21.13	140	21.5 x 12.75	23.75 x 19.75	16	⅞ ⅜
TEM4A0C42S41SA	42000	53.27 x 23.5 x 21.13	145	21.5 x 12.75	23.75 x 19.75	16	⅞ ⅜
TEM4A0C48S41SA	48000	53.27 x 23.5 x 21.13	146	21.5 x 12.75	23.75 x 19.75	16	⅞ ⅜
TEM4A0C60S51SA	60000	53.27 x 23.5 x 21.13	146	21.5 x 12.75	23.75 x 19.75	16	⅞ ⅜

TEM4A0B18S21SB	18000	49.02 x 19.5 x 22.63	116	19.5 x 12.75	19.75 x 19.75	16	⅞ ⅜
TEM4A0B24S21SB	24000	49.02 x 19.5 x 21.13	116	19.5 x 12.75	19.75 x 19.75	16	⅞ ⅜
TEM4A0B30S31SB	30000	49.02 x 19.5 x 21.13	116	19.5 x 12.75	19.75 x 19.75	16	⅞ ⅜
TEM4A0B30S31SC	30000	49.02 x 19.5 x 21.13	116	19.5 x 12.75	19.75 x 19.75	16	⅞ ⅜
TEM4A0C36S41SB	36000	53.27 x 23.5 x 21.13	140	21.5 x 12.75	23.75 x 19.75	16	⅞ ⅜
TEM4A0C42S41SB	42000	53.27 x 23.5 x 21.13	145	21.5 x 12.75	23.75 x 19.75	16	⅞ ⅜
TEM4A0C48S41SB	48000	53.27 x 23.5 x 21.13	146	21.5 x 12.75	23.75 x 19.75	16	⅞ ⅜
TEM4A0C60S51SB	60000	53.27 x 23.5 x 21.13	146	21.5 x 12.75	23.75 x 19.75	16	⅞ ⅜

(1) Filter not supplied. Filter(s) required.

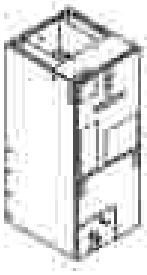

Table AH-15-B — R-410A Convertible Air Handler 208-230/1/60

Unit Model No.	Cooling Capacity (Btuh)	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Supply Opening	Return Opening	Filter Sizes	Line Size Gas Liquid
TEM4A0B18S21SA	18000	49.02 x 19.5 x 21.13	116	19.5 x 12.75	19.75 x 19.75	16	⅞ ⅜
TEM4A0B24S21SA	24000	49.02 x 19.5 x 21.13	116	19.5 x 12.75	19.75 x 19.75	16	⅞ ⅜
TEM4A0B30S31SA	30000	49.02 x 19.5 x 21.13	116	19.5 x 12.75	19.75 x 19.75	16	⅞ ⅜
TEM4A0B30S31SC	30000	49.02 x 19.5 x 21.13	116	19.5 x 12.75	19.75 x 19.75	16	⅞ ⅜
TEM4A0C36S41SB	36000	53.27 x 23.5 x 21.13	140	21.5 x 12.75	23.75 x 19.75	16	⅞ ⅜
TEM4A0C42S41SB	42000	53.27 x 23.5 x 21.13	145	21.5 x 12.75	23.75 x 19.75	16	⅞ ⅜
TEM4A0C48S41SB	48000	53.27 x 23.5 x 21.13	146	21.5 x 12.75	23.75 x 19.75	16	⅞ ⅜
TEM4A0C60S51SB	60000	53.27 x 23.5 x 21.13	146	21.5 x 12.75	23.75 x 19.75	16	⅞ ⅜

(1) Filter not supplied. Filter(s) required.

Ready Only

TEM Split System Air Handlers Single Phase 1½-5 Tons

Table AH-1E-S — Features	TEM6 2-5	TEM5 2-5	TEM4 1 1/2-5	TEM3 1 1/2-5
• Painted metal cabinet with insulated foil face insulation	✔	✔	✔	✔
• 2% or less air leakage	✔	✔	✔	✔
• AccuLink™ 5 or 24V controller	✔	—	—	—
• Direct drive, variable speed ECM blower motor - Constant airflow ECM (electronically commutated)	✔	✔	—	—
• Direct drive, multi speed ECM blower motor - Constant torque ECM (electronically commutated motor)	—	—	2[3-5]	5
• PSC Motor	—	—	1[4-5]	1[3-4]
• R-4.2 insulating value	✔	✔	✔	✔
• Multi-Position (UP/Down Flow*, Horizontal Left Right	✔	✔	✔	✔
• ALC Aluminum Coil with Enhanced Patented Coil Fin	✔	✔	✔	✔
• Electric Heaters with patented plug connections (kW as accessory)	✔	✔	✔	✔
• R-410A Thermal Expansion Valve	✔	✔	✔	✔
• Low Voltage Pigtail Connections	✔	✔	✔	✔
• Draw through Design	✔	✔	✔	✔
• Horizontal Down Flow	✔	✔	✔	✔
• Single Color	✔	✔	✔	✔
• Fused 24V Power	✔	✔	✔	✔
• Airpaddle blender design	✔	✔	✔	✔
• Soft start fan motor operation	✔	✔	—	—
• Comfort R Mode	✔	✔	—	—
• Built in fan delay modes	✔	✔	—	—
• Maximum Width 26.5"	✔	✔	—	—
• Maximum Width 23.5"	—	—	✔	✔
• Compact 22" depth	✔	✔	✔	✔
• Draw through design	✔	✔	✔	✔
• 5-year base limited warranty	✔	✔	✔	✔
• 10-year replaceable limited warranty	✔	✔	✔	✔
• Optional extended warranty available	✔	✔	✔	✔

Table AH-1E-S — Optional Accessories

Model Number	Description	Width (Cabinet Size in.)	TEM6	TEM5	TEM4	TEM3
BAYTEMSPF01	Supply Duct Flange Kit		✔	✔	✔	✔
BAYSPEKT21A	Single Point Power Entry Kit		✔	✔	✔	✔
BAYBASE17C	Air Handler Downflow Use Cabinet	17.5"	✔	✔	✔	✔
BAYBASE21C (BAYBASE19C)	Air Handler Downflow Use Cabinet	21.0"	✔	✔	✔	✔
BAYBASE24C (BAYBASE21C)	Air Handler Downflow Use Cabinet	24.5"	✔	✔	—	—
BAYTEMSPK01A	Downflow CAP (Condensate Management) Kit	23.5" D	—	—	✔	✔
BAYTEMSPK01	Air Handler Condensate Pump Kit used on Variable Speed Blower Motor*		✔	✔	✔	✔
TEMSPKSEALKIT01A	TEM Plenum Seal Kit		✔	✔	✔	✔
BAYSPF17SAAA	Slim Fit Filter Box Kit	17.5"	✔	✔	✔	✔
BAYSPF21SAAA	Slim Fit Filter Box Kit	21.0"	✔	✔	✔	✔
BAYSPF24SAAA	Slim Fit Filter Box Kit	24.5"	✔	✔	—	—
FURSPF16R	1" Slim Fit Replacement Filter, 17.75"x19.75", Qty 12	17.5"	✔	✔	✔	✔
FURSPF20R	1" Slim Fit Replacement Filter, 22.75"x19.75", Qty 12	21.0"	✔	✔	✔	✔
FURSPF24R	1" Slim Fit Replacement Filter, 25.75"x19.75", Qty 12	24.5"	✔	✔	—	—
BAYBTXV24A2A	R-22 TXV conversion kit		2-3[5]	2-3[5]	—	—
BAYBTXV48B3A	R-22 TXV conversion kit		4-5[5]	4-5[5]	—	—
BAYBTXV18B3B	R-22 TXV conversion kit		—	—	1[5-2]5	1[5-3]
BAYBTXV24B4B	R-22 TXV conversion kit		—	—	2-4	2[5-4]
BAYBTXV18B1B	R-22 TXV conversion kit		4-5[5]	4-5[5]	5	5

(1) Downflow condensate management kit is required for 5 Ton applications.

(2) TEM6A024, TEM5A024, TEM4A024, TEM3A024

(3) TEM6A036, TEM5A036, TEM4A036, TEM3A036

For complete equipment / combination assembly, installation instructions and warranty information, please refer to Product Data Ratings and/or Installation Guides and Limited Warranty Handbooks.

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Heaters for TEM Split System Air Handlers

Table AH-17-A — BAYHTR15 — Heater, Standard, for TEM Air Handlers

Heater Model Number	Capacity @ 240 Volts kW	Capacity @ 240 Volts Btu/h	Capacity @ 208 Volts kW	Capacity @ 208 Volts Btu/h	Rated Voltage	Control Steps	Number of Heater Packs	Number of Circuits	Heater Amps per Circuit 208 Volts	Heater Amps per Circuit 240 Volts	Circuitry Circuit Breakers
BAYHTR15B4RKC	3.84	13100	2.88	9800	208/240/1/60	1	1	1	13.8	16	Yes
BAYHTR15B4RKCA	3.84	13100	2.88	9800	208/240/1/60	1	1	1	13.8	16	Yes
BAYHTR15B4LUCE	3.84	13100	2.88	9800	208/240/1/60	1	1	1	13.8	16	Yes
BAYHTR15E5RKC	4.80	16400	3.83	13100	208/240/1/60	1	1	1	17.3	20	Yes
BAYHTR15E5RKCA	4.80	16400	3.83	13100	208/240/1/60	1	1	1	17.3	20	Yes
BAYHTR15E5LUCE	4.80	16400	3.83	13100	208/240/1/60	1	1	1	17.3	20	Yes
BAYHTR15H8RKC	7.68	26200	5.76	19700	208/240/1/60	1	1	1	27.7	32	Yes
BAYHTR15H8RKCA	7.68	26200	5.76	19700	208/240/1/60	1	1	1	27.7	32	Yes
BAYHTR15H8LUCE	7.68	26200	5.76	19700	208/240/1/60	1	1	1	27.7	32	Yes
BAXHTR15J9RKC	9.60	32800	7.20	24600	208/240/1/60	1	2	1	34.6	40	Yes
BAYHTR15J9RKCA	9.60	32800	7.20	24600	208/240/1/60	1	2	1	34.6	40	Yes
BAYHTR15J9LUCE	9.60	32800	7.20	24600	208/240/1/60	1	2	1	34.6	40	Yes
BAYHTR15K3RKC	14.4	49200	10.8	36900	208/240/1/60	2	3	2	51.9	60	Yes
BAXHTR15K3RKA	14.4	49200	10.8	36900	208/240/1/60	2	3	2	51.9	60	Yes
BAYHTR15K3RKA	14.4	49200	10.8	36900	208/240/1/60	2	3	2	51.9	60	Yes
BAYHTR15M8RKE	19.2	65600	14.4	49200	208/240/1/60	2	4	2	69.3	80	Yes
BAYHTR15M8RKS	19.2	65600	14.4	49200	208/240/1/60	2	4	2	69.3	80	Yes
BAXHTR15M8RKA	19.2	65600	14.4	49200	208/240/1/60	2	4	2	69.3	80	Yes
BAYHTR15M8RKA	19.2	65600	14.4	49200	208/240/1/60	2	4	2	69.3	80	Yes
BAYHTR15Z3RKA	24.0	81900	18.0	61500	208/240/1/60	3	4	2	86.4	100	Yes

Table AH-17-B — BAYHTR25 — Heater, 3-Phase, for TEM Air Handlers (1)

Heater Model Number	Capacity @ 240 Volts kW	Capacity @ 240 Volts Btu/h	Capacity @ 208 Volts kW	Capacity @ 208 Volts Btu/h	Rated Voltage	Control Steps	Number of Heater Packs	Number of Circuits	Heater Amps per Circuit 208 Volts	Heater Amps per Circuit 240 Volts	Circuitry Circuit Breakers
BAYHTR25E5LUCE	9.60	32800	7.20	24600	208/240/3/60	1	3	1	22.0	17.1	No
BAYHTR25K3LUCE	14.4	49200	10.8	36900	208/240/3/60	1	3	1	33.0	34.6	No
BAYHTR25K3LUCA	14.4	49200	10.8	36900	208/240/3/60	1	3	1	33.0	34.6	No

(1) HR = Circuitry Manual Breakers
FQC = FLR Recommended
LUCE = Lug Combination Series
(2) Use Heater - KIT and TEC must be purchased at the same time as the heater.

Rec Only

Heater Matches for TEM Split System Air Handlers

Table AH-18-A — TEM3 and TEM6 Air Handler and Heater matches

TEMS/TEMS HEATER RATING									
AIR HANDLER	HEATER MODEL NUMBER								
MODEL NUMBER	SAYHTR1804BRKC SAYHTR1804LUGB 3.84 Kw BK SAYHTR1805BRKC SAYHTR1805LUGB 4.80 Kw BK	SAYHTR1806BRKC SAYHTR1806LUGB 6.00 Kw BK	SAYHTR1808BRKC SAYHTR1808LUGB 7.68 Kw BK	SAYHTR1810BRKC SAYHTR1810LUGB 9.60 Kw BK	SAYHTR1815BRKB SAYHTR3815LUGC 14.40 Kw BK	SAYHTR1818BRKB 18.20 Kw BK	SAYHTR1820BRKB 19.20 Kw BK	SAYHTR1821BRKB 18.20 Kw BK	
TEM3A[illegible] TEM3A[illegible] TEM3A[illegible] TEM3A[illegible]	•	•	•	•	•	•	•	•	•
TEM3A[illegible] TEM3A[illegible] TEM3A[illegible] TEM3A[illegible]	•	•	•	•	•	•	•	•	•
TEM3A[illegible] TEM3A[illegible] TEM3A[illegible] TEM3A[illegible]	•	•	•	•	•	•	•	•	•
TEM3A[illegible] TEM3A[illegible] TEM3A[illegible] TEM3A[illegible]	•	•	•	•	•	•	•	•	•

Table AH-18-B — TEM3 and TEM4 Air Handler and Heater matches

TEMS/TEMS HEATER RATING						
AIR HANDLER	HEATER MODEL NUMBER					
MODEL NUMBER	SAYHTR1804BRKC SAYHTR1804PDCA SAYHTR1804LUGB 3.84 Kw BK SAYHTR1805BRKC SAYHTR1805PDCA SAYHTR1805LUGB 4.80 Kw BK	SAYHTR1806BRKC SAYHTR1806PDCA SAYHTR1806LUGB 7.68 Kw BK SAYHTR1810BRKC SAYHTR1810PDCA SAYHTR1810LUGB SAYHTR3810LUGC 9.60 Kw BK	SAYHTR1815BRKB SAYHTR3815LUGC 14.40 Kw BK	SAYHTR1818BRKB 18.20 Kw BK	SAYHTR1820BRKB 19.20 Kw BK	SAYHTR1821BRKB 18.20 Kw BK
TEM3A[illegible] TEM3A[illegible] TEM3A[illegible] TEM3A[illegible]	•	•	—	—	—	—
TEM3A[illegible] TEM3A[illegible] TEM3A[illegible]	•	•	•	•	—	—
TEM3A[illegible] TEM3A[illegible] TEM3A[illegible]	•	•	•	—	•	
TEM3A[illegible]	•	•	•	—	•	—
TEM3A[illegible]	•	•	•	—	—	•
TEM3A[illegible] TEM3A[illegible]	•	•	•	—	•	—

Read Only

For complete equipment / combination assistance, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

Heater Matches for TEM Split System Air Handlers with metal blower housing

Table AH-13-A — TEM8 and TEM6 Air Handler and Heater matches

TEMPERATURE HEATER MATCH									
AIR HANDLER	HEATER MODEL NUMBER								
MODEL NUMBER	BAYHTR1834BRKC BAYHTR1834LUGB 3.84 Kw BK	BAYHTR1835BRKC BAYHTR1835LUGB 4.80 Kw	BAYHTR1836BRKC BAYHTR1836LUGB 7.68 Kw	BAYHTR1837BRKC BAYHTR1837LUGB 8.60 Kw	BAYHTR1837BRKA 14.40 Kw	BAYHTR1838BRKA 16.20 Kw	BAYHTR1839BRKA 24.00 Kw	BAYHTR1840BRKC 9.60 Kw	BAYHTR1841BRKA 14.40 Kw
TEMWA0B24V21DB TEMWA0B30V31DB TEMWA0B24H21DB TEMWA0B30H21DB	Y	Y	Y	Y	Y	—	—	Y	Y
TEMWA0C30V31DB TEMWA0C42V41DB TEMWA0C30H21DB TEMWA0C42H41DB	Y	Y	Y	Y	Y	Y	—	Y	Y
TEMWA0C48V41DB TEMWA0C60V51DB TEMWA0C48H41DB TEMWA0C60H51DB	Y	Y	Y	Y	Y	Y	Y	Y	Y
TEMWA0D48V41DB TEMWA0D60V51DB TEMWA0D48H41DB TEMWA0D60H51DB	Y	Y	Y	Y	Y	Y	Y	Y	Y

Coming soon: All models pending UL testing

Table AH-13-B — TEM4 Air Handler and Heater matches

TEMP HEATER MATCH					
AIR HANDLER	HEATER MODEL NUMBER				
MODEL NUMBER	BAYHTR1834BRKC BAYHTR1834LUGB 3.84 Kw BK BAYHTR1835BRKC BAYHTR1835LUGB 4.80 Kw BK	BAYHTR1836BRKC BAYHTR1836LUGB 7.68 Kw BK BAYHTR1837BRKC BAYHTR1837LUGB BAYHTR1838LUGC 8.60 Kw BK	BAYHTR1837BRKA BAYHTR1837LUGA 14.40 Kw BK	BAYHTR1838BRKA 16.20 Kw BK	BAYHTR1839BRKA 24.00 Kw BK
TEMWA0B30V21DB TEMWA0B24H21DB	Y	Y	—	—	—
TEMWA0B30V31DB TEMWA0B30H31DB	Y	Y	Y	Y	—
TEMWA0C37V31DB TEMWA0C42V41DB	Y	Y	Y	Y	—
TEMWA0C48V41DB	Y	Y	Y	Y	Y
TEMWA0C60V51DB	Y	Y	Y	Y	Y

Coming soon: All models pending UL testing

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TMM Wall, Stud, or Over the Water Heater Mount Air Handlers Single Phase 1-1/2 - 3 Tons

Table AH-20-A — R-410A Wall, Stud, or Over the Water Heater Mount Air Handler 208-230/1/60, ECM Motor, Factory Installed R-410A TXV

Unit Model No.	Cooling Capacity (Btuh)	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Supply Opening	Filter Size	Line Size Gas	Line Size Liquid
TMM5A0B24M21SA	24000	36.5 x 22.0 x 15.0	111	18.75 x 5.0	ID	¾	¾
TMM5A0B30M21SA	30000	36.5 x 22.0 x 15.0	117	18.75 x 5.0	ID	¾	¾
TMM5A0B36M31SA	36000	36.5 x 22.0 x 15.0	117	18.75 x 5.0	ID	¾	¾

Table AH-20-B — TMM4 R-410A Wall, Stud, or Over the Water Heater Mount Air Handler 208-230/1/60

Unit Model No.	Cooling Capacity (Btuh)	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Supply Opening	Filter Size	Line Size Gas	Line Size Liquid
TMM4A0A18S21SA	18000	36.5 x 22.0 x 15.0	99	17.25 x 5.0	ID	¾	¾
TMM4A0A24S21SA	24000	36.5 x 22.0 x 15.0	99	17.25 x 5.0	ID	¾	¾
TMM4A0B30S21SA	30000	36.5 x 22.0 x 15.0	121	18.75 x 5.0	ID	¾	¾
TMM4A0B36S31SA	36000	36.5 x 22.0 x 15.0	121	18.75 x 5.0	ID	¾	¾

ID = filter not supplied. Remove filter required.

Table AH-20-C — Features

	TMM5 2-3	TMM4 1-1/2-3
- Painted metal cabinet with captured 1/4 face insulation	✔	✔
- 2% or less air leakage	✔	✔
- Direct drive, multi speed ECM blower motor - Constant torque ECM (electronically commutated motor) with fan-off time delay programming	✔	—
- PSC Motor	—	✔
- Limited HP matched system ratings	—	✔
- R-4.2 Insulating Value	✔	✔
- Upflow only	✔	✔
- Front return option	✔	✔
- High Efficiency Copper / Aluminum Coil	✔	✔
- Electric Heaters with polarized plug connections (sold as accessory)	✔	✔
- R-410A Thermal Expansion Valve	✔	—
- Low Voltage Pigtail Connections	✔	✔
- Single Color	✔	✔
- Fused 24V Power	✔	✔
- Washable interior design	✔	✔
- Maximum Height 36.5"	✔	✔
- Maximum Width 22"	✔	✔
- Compact 22" depth	✔	✔
- Optional R-22 and R-410A TXV kits (sold as accessory)	✔	✔
- 5-year base limited warranty	✔	✔
- 10-year registered limited warranty	✔	✔
- Optional extended warranty available	✔	✔

Table AH-20-D — Optional Accessories

Model Number	Description	TMM5	TMM4
AR5TXVH3G2436A	R-410A TXV kit 1-1/2 to 5 ton	—	✔
24VTXVH3G2436A	R-22 TXV conversion kit 1-1/2 to 5 ton	✔	✔
BAYFRTLOUP18.20	Front louver panel 20.5" width	—	✔
BAYFRTLOUP18.22	Front louver panel 22.5" width	✔	✔
BAYTMMWALLPH6.1	Return air / service wall panel	✔	✔

Heaters for TMM Split System Air Handlers

Table AH-20-E — BAYHTRM — Heater, Standard, for TMM Air Handlers

Heater Model Number	Capacity @ 208 Volts kW	Capacity @ 208 Volts BTUH	Capacity @ 208 Volts kW	Capacity @ 208 Volts BTUH	Rated Voltage	Control Stages	Number of Heater Racks	Number of Circuits	Heater Amps per Circuit 208 Volts	Heater Amps per Circuit 240 Volt	Contactor Circuit Breakers
BAYHTRM0036BRK	5.0	17150	3.8	12800	208/240/1/60	1	1	1	18	20.8	Yes
BAYHTRM0036BRK	7.5	25600	5.8	19200	208/240/1/60	1	1	1	27.1	31.2	Yes
BAYHTRM0108BRK	10.0	34150	7.5	25600	208/240/1/60	1	2	1	36.1	41.7	Yes

For complete equipment / combination assistance, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

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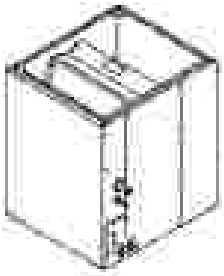
HEATING & AIR CONDITIONING

Split System – Cased Heat Pump and Cooling Coils

4TXC-D$
Comfort™ Coil

Table COIL-1-A — Aluminum High Efficiency Staged System Cased Coil Convertible (Upflow/ Downflow/ Horizontal Left or Right); R-410A Refrigerant

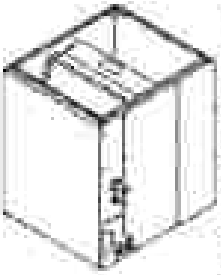
Model Number	Nom. Cap. Cooling (Btuh)	Coil Type	Refrigerant Control	Outlet Dim. (in.) Width x D	Overall Dim. (in.) H x W x D	Shipping Weight* (lbs.)	Line Size OD Gas	Line Size OD Liq.
4TXCA036D5EPHCA	24,000	A	TXV/fixed	12½ x 19½	17.5 x 14.5 x 21.5	42	⅞	⅜
4TXCA042D5EPHCA	30,000	A	TXV/fixed	15½ x 19½	17.5 x 17.5 x 21.5	52	⅞	⅜
4TXCB048D5EPHCA	36,000	A	TXV/fixed	19½ x 19½	22.5 x 17.5 x 21.5	56	⅞	⅜
4TXCC060D5EPHCA	36,000	A	TXV/fixed	15½ x 15½	22.5 x 21 x 21.5	66	⅞	⅜
4TXCB060D5EPHCA	48,000	A	TXV/fixed	19½ x 19½	28.5 x 17.5 x 21.5	68	⅞	⅜
4TXCC060D5EPHCA	48,000	A	TXV/fixed	15½ x 15½	28.5 x 21 x 21.5	66	⅞	⅜
4TXCD060D5EPHCA	48,000	A	TXV/fixed	22½ x 19½	28.5 x 24.5 x 21.5	72	⅞	⅜
4TXCC060D5EPHCA	60,000	A	TXV/fixed	15½ x 15½	35.7 x 21 x 21.5	73	⅞	⅜
4TXCD060D5EPHCA	60,000	A	TXV/fixed	22½ x 19½	35.7 x 24.5 x 21.5	81	⅞	⅜



4PXC-U
Comfort™ Coil

Table COIL-1-B — Aluminum High Efficiency Staged System Cased Coil Dedicated Upflow Coils R-410A Refrigerant, Convertible to Horizontal Left or Horizontal Right with kit

Model Number	Nom. Cap. Cooling (Btuh)	Coil Type	Refrigerant Control	Outlet Dim. (in.) Width x D	Overall Dim. (in.) H x W x D	Shipping Weight* (lbs.)	Line Size OD Gas	Line Size OD Liq.
4PXCA036B3HAA	24,000	A	TXV/fixed	12½ x 19½	17.5 x 14.5 x 20.5	39	⅞	⅜
4PXCB042B3HAA	24,000	A	TXV/fixed	15½ x 19½	18.0 x 17.5 x 21.5	42	⅞	⅜
4PXCB048B3HAA	30,000	A	TXV/fixed	19½ x 19½	17.5 x 17.5 x 21.5	47	⅞	⅜
4PXCC060B3HAA	30,000	A	TXV/fixed	15½ x 15½	17.5 x 21 x 21.5	49	⅞	⅜
4PXCB060B3HAA	36,000	A	TXV/fixed	19½ x 19½	22.5 x 17.5 x 21.5	54	⅞	⅜
4PXCC060B3HAA	36,000	A	TXV/fixed	15½ x 15½	22.5 x 21 x 21.5	56	⅞	⅜
4PXCB048B3HAA	42,000	A	TXV/fixed	19½ x 19½	28.0 x 17.5 x 21.5	61	⅞	⅜
4PXCC042B3HAA	42,000	A	TXV/fixed	15½ x 15½	28.0 x 21 x 21.5	64	⅞	⅜
4PXCB048B3HAA	48,000	A	TXV/fixed	19½ x 19½	28.0 x 17.5 x 21.5	61	⅞	⅜
4PXCC048B3HAA	48,000	A	TXV/fixed	15½ x 15½	28.0 x 21 x 21.5	64	⅞	⅜
4PXCD048B3HAA	48,000	A	TXV/fixed	22½ x 19½	28.0 x 24.5 x 21.5	68	⅞	⅜
4PXCC060B3HAA	60,000	A	TXV/fixed	15½ x 15½	35.7 x 21 x 21.5	73	⅞	⅜
4PXCD060B3HAA	60,000	A	TXV/fixed	22½ x 19½	35.7 x 24.5 x 21.5	77	⅞	⅜



4PXC-D
Comfort™ Coil

Table COIL-1-C — Aluminum High Efficiency Staged System Cased Coil Dedicated Downflow Coils R-410A Refrigerant, Convertible to Horizontal Right with kit

Model Number	Nom. Cap. Cooling (Btuh)	Coil Type	Refrigerant Control	Outlet Dim. (in.) Width x D	Overall Dim. (in.) H x W x D	Shipping Weight* (lbs.)	Line Size OD Gas	Line Size OD Liq.
4PXCA036B3HDA	24,000	A	TXV/fixed	12½ x 19½	17.5 x 14.5 x 21.5	39	⅞	⅜
4PXCB042B3HDA	24,000	A	TXV/fixed	15½ x 19½	17.5 x 17.5 x 21.5	42	⅞	⅜
4PXCB048B3HDA	30,000	A	TXV/fixed	19½ x 19½	17.5 x 17.5 x 21.5	47	⅞	⅜
4PXCC060B3HDA	30,000	A	TXV/fixed	15½ x 15½	17.5 x 21 x 21.5	49	⅞	⅜
4PXCB060B3HDA	36,000	A	TXV/fixed	19½ x 19½	22.5 x 17.5 x 21.5	54	⅞	⅜
4PXCC060B3HDA	36,000	A	TXV/fixed	15½ x 15½	22.5 x 21 x 21.5	56	⅞	⅜
4PXCB048B3HDA	42,000	A	TXV/fixed	19½ x 19½	28.0 x 17.5 x 21.5	61	⅞	⅜
4PXCC042B3HDA	42,000	A	TXV/fixed	15½ x 15½	28.0 x 21 x 21.5	64	⅞	⅜
4PXCB048B3HDA	48,000	A	TXV/fixed	19½ x 19½	28.0 x 17.5 x 21.5	61	⅞	⅜
4PXCC048B3HDA	48,000	A	TXV/fixed	15½ x 15½	28.0 x 21 x 21.5	64	⅞	⅜
4PXCD048B3HDA	48,000	A	TXV/fixed	22½ x 19½	28.0 x 24.5 x 21.5	68	⅞	⅜
4PXCC060B3HDA	60,000	A	TXV/fixed	15½ x 15½	35.7 x 21 x 21.5	73	⅞	⅜
4PXCD060B3HDA	60,000	A	TXV/fixed	22½ x 19½	35.7 x 24.5 x 21.5	77	⅞	⅜

* Shipping weights may be required on individual units.

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Comfort™ Coil

Table COIL-2-A — Aluminum Unbased Upflow Coil R-410A Refrigerant

Model Number	Nom. Cap. Cooling (Btuh)	Coil Type	Refrigerant Control	Overall Dim. (in.) H x W x D	Shipping Weight (lbs.)	Line Size (O.D. in.) Gas	Liq.
4PXA[illegible]3EEDHAA	24,000	A	TXV/REQ	14.7 x 19.3 x 21.1	24	⅞	⅜
4PXA[illegible]4EEDHAA	24,000	A	TXV/REQ	14.5 x 19.3 x 21.1	24	⅞	⅜
4PXA[illegible]5EEDHAA	30,000	A	TXV/REQ	15.8 x 19.3 x 21.1	32	⅞	⅜
4PXA[illegible]5EEBHAA	30,000	A	TXV/REQ	15.8 x 19.8 x 21.1	34	⅞	⅜
4PXA[illegible]6EEDHAA	36,000	A	TXV/REQ	21.2 x 19.3 x 21.1	33	⅞	⅜
4PXA[illegible]6EEBHAA	36,000	A	TXV/REQ	20.8 x 19.8 x 21.1	32	⅞	⅜
4PXA[illegible]8EEDHAA	42,000	A	TXV/REQ	20.8 x 19.3 x 21.1	33	⅞	⅜
4PXA[illegible]8EEBHAA	42,000	A	TXV/REQ	23.7 x 19.8 x 21.1	38	⅞	⅜
4PXA[illegible]0EEDHAA	48,000	A	TXV/REQ	25.3 x 19.3 x 21.1	39	⅞	⅜
4PXA[illegible]0EEBHAA	48,000	A	TXV/REQ	24.9 x 19.8 x 21.1	38	⅞	⅜
4PXA[illegible]8EEDHAA	48,000	A	TXV/REQ	24.3 x 23.3 x 21.1	38	⅞	⅜
4PXA[illegible]0EEBHAA	60,000	A	TXV/REQ	25.2 x 19.8 x 21.1	44	⅞	⅜
4PXA[illegible]0EEDHAA	60,000	A	TXV/REQ	28.5 x 23.3 x 21.1	48	⅞	⅜

Table COIL-2-B — 13 SEER Split System - Uncased Coil Enclosures

Model Number	Coils	Used With Furnaces Flush on Both Sides	Dimensions (in.) H x W x D	Shipping Weight (lbs.)
B[illegible]1A[illegible]22A	4PXA[illegible]6BA	14½" Wide Furnace	22½ x 14½ x 21½	42
B[illegible]1A[illegible]22A	4PXA[illegible]2-6EE, 4PXA[illegible]6EE 4PXA[illegible]8EE, 4PXA[illegible]0EE 4PXA[illegible]4EE	17½" Wide Furnace	22½ x 17½ x 21½	54
B[illegible]2A[illegible]8A	4PXA[illegible]6EE, 4PXA[illegible]6EB 4PXA[illegible]8EE, 4PXA[illegible]8EB 4PXA[illegible]6EE	21" Wide Furnace	26 x 21 x 21½	58
B[illegible]4A[illegible]0A	4PXA[illegible]8EE, 4PXA[illegible]0EE	24½" Wide Furnace	30 x 24½ x 21½	63

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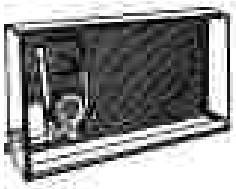
Split System – Cased Heat Pump and Cooling Coils



4TXF

Table COIL-2-C — Aluminum Cased Horizontal Flat Coils R-410A Refrigerant

Model Number	Nom. Cap. Cooling (Btuh)	Coil Type	Refrigerant Control	Outlet Dim. (in.) H x D	Overall Dim. (in.) H x W x D	Shipping Weight (lbs.)	Line Size (O.D. in.) Gas	Liq.
4TXF[illegible]4CE0HHB	24,000	Flat	TXV/REQ	21 x 33½	22.7 x 35.2 x 37.5	45	⅞	⅜
4TXF[illegible]5CE0HBB	24,000	Flat	TXV/REQ	21 x 34	22.7 x 35.2 x 38.2	46	⅞	⅜
4TXF[illegible]6CE0HHB	36,000	Flat	TXV/REQ	21 x 33½	22.7 x 35.2 x 37.5	53	⅞	⅜
4TXF[illegible]8CE0HHB	44,000	Flat	TXV/REQ	21 x 33½	22.7 x 35.2 x 37.5	57	⅞	⅜
4TXF[illegible]0CE0HHB	58,000	Flat	TXV/REQ	21 x 33½	22.7 x 35.2 x 37.5	58	⅞	⅜
4TXF[illegible]4AZ3HNA	61,000	Flat	TXV/REQ	27 x 33½	28.5 x 35.2 x 37.5	67	⅞	⅜

(1) Quart kit may be required on outdoor unit

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Split System – Uncased Heat Pump and Cooling Coils

Table COIL-3-A — Features - Enhanced Fin Models	4TXC-D/E	4PXC-U	4PXC-D	4PXA-U	4TXF
• All aluminum slab	✔	✔	✔	✔	✔
• Enhanced Fin Surface	✔	✔	✔	✔	—
• 100% foil sheet insulation	✔	✔	✔	—	✔
• Internally checked non-bleed* thermal expansion valve with mechanical fitting on both sides (heat pump operation)	✔	✔	✔	✔	✔
• Easy case attachment to furnace	✔	✔	✔	—	—
• 4 way application - Upflow,Downflow,Horizontal (left/right)	✔	—	—	—	—
• Upflow application, convertible to Horizontal Left application with kit	—	✔	—	—	—
• Upflow only application	—	—	—	✔	—
• Downflow application, convertible to Horizontal Right application with kit	—	✔	✔	—	—
• Horizontal application with Bi-Directional airflow	—	—	—	—	✔
• Double flanged non-corrosive drain pan - UL rated 94V-0	✔	✔	✔	✔	—
• Sloped non-corrosive drain pan	—	—	—	—	✔
• Optimized for high efficiency with staged systems	✔	✔	✔	—	—
• Split inner and outer doors for easy coil inspection and cleaning	✔	✔	✔	—	—
• Painted galvanized steel cabinet to match furnace	✔	✔	✔	—	—
• Unpainted galvanized steel cabinet	—	—	—	—	✔
• 5-year base limited warranty on coil, & all other functional parts (Residential Use)**	✔	✔	✔	✔	✔
• 10-year registered limited warranty on coil, & all other functional parts (Residential Use)**	✔	✔	✔	✔	✔

*Does not apply to R-410A coils.

**Registered Limited Warranty terms are available when you register within 60 days of installation. Register online at www.tranecommercial.com or by phone at 800-644-4026, otherwise American Standard Heating & Air Conditioning's Base Limited Warranty is in effect. Warranty information on specific products can be found on ASCoilsInfo.com.

Table COIL-3-B - Kits for 4PXC Coils

Horizontal Conversion Kit No.	Used with Model Number
BAYCONV19A	4PXCA024, 4PXCB024, 4PXCBU024, 4PXCCU024, 4PXCA030, 4PXCB030, 4PXCBD030, 4PXCC030
BAYCONV23A	4PXCBU036, 4PXCA036, 4PXCB036, 4PXCC036
BAYCONV27A	4PXCBU042, 4PXCC042, 4PXCBU048, 4PXCCU048, 4PXCA048, 4PXCB042, 4PXCC042, 4PXCB048, 4PXCC048, 4PXCC048
BAYCONV30A	4PXCBU060, 4PXCC060, 4PXCB060, 4PXCC060
Optional Downflow Gasket Kit No.	**Used with Model Number**
BAYCOMT00142	4TXCB024C, 4TXCB030C, 4TXCC030C

Table COIL-3-C - R-22 TXV Conversion TXV Kits for 4PXC, 4PXA_and 4TXC-D Coils

R-22 TXV Kit	Coil models where used	
2AYTXVH3H1836A	4PX: 24 - 36	4TXC: 002D36 - 005D36
2AYTXVH3H4248A	4PX: 42 - 48	4TXC: 006D36 - 008D36
2AYTXVH3H6068A	4PX: 60	4TXC: 009D36 - 010D36

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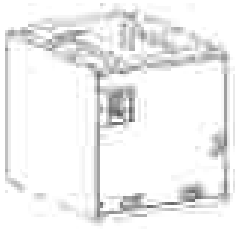
Split System – Cased Heat Pump and Cooling Coils



4MXC

Table COIL-4-A — Aluminum Single Stage Cased Coil (Upflow/Downflow/Horizontal)
R-410A Refrigerant

Model Number	Nom. Cooling Capacity Range (Btuh)	Coil Type	Refrigerant Control	Outlet Dim. (in.) W x D	Overall Dim. (in.) H x W x D	Shipping Weight (lbs.)	Line Size (in) SD	Line Size (in) OD Liq.
4MXCA09A3CSHCA	18,000-30,000	A	FCCV(T)	13 x 13	20 x 14.5 x 21	51	⅞	⅜
4MXCB60A3CSHCA	18,000-30,000	A	FCCV(T)	16 x 16	20 x 17.5 x 21	55	⅞	⅜
4MXCA09A5CSHCA	24,000-36,000	A	FCCV(T)	13 x 13	20 x 14.5 x 21	51	⅞	⅜
4MXCB60A5CSHCA	24,000-36,000	A	FCCV(T)	16 x 16	20 x 17.5 x 21	55	⅞	⅜
4MXCC48A5CSHCA	30,000-36,000	A	FCCV(T)	19½ x 19	26 x 27 x 21	88	⅞	⅜
4MXCB60A5CSHCA	36,000-48,000	A	FCCV(T)	16 x 16	20 x 17.5 x 21	55	⅞	⅜
4MXCC60A7CSHCA	36,000-48,000	A	FCCV(T)	19½ x 19	26 x 27 x 21	76	⅞	⅜
4MXCD06A6CSHCA	42,000-48,000	A	FCCV(T)	23 x 19	26 x 24.5 x 21	74	⅞	⅜
4MXCC60W5CSHCA	54,000-60,000	A	FCCV(T)	19½ x 19	26 x 27 x 21	91	⅞	⅜
4MXCD07A6CSHCA	48,000-60,000	A	FCCV(T)	23 x 19	26 x 24.5 x 21	88	⅞	⅜
4MXCB61A6CSHCA	56,000-60,000	A	FCCV(T)	16 x 16	20 x 17.5 x 21	62	⅞	⅜
4MXCC61A7CSHCA**	56,000-60,000	A	FCCV(T)	19½ x 19	20 x 23 x 23	85	⅞	⅜
4MXCD07A6CSHCA**	42,000-60,000	A	FCCV(T)	23 x 19	20 x 24.5 x 21	92	⅞	⅜

4CXC

Table COIL-4-B — Aluminum Single Stage Cased Coil (Upflow/Downflow)
R-410A Refrigerant

Model Number	Nom. Cooling Capacity Range (Btuh)	Coil Type	Refrigerant Control	Outlet Dim. (in.) W x D	Overall Dim. (in.) H x W x D	Shipping Weight (lbs.)	Line Size (in) SD	Line Size (in) OD Liq.
4EXCA09A3CSHUA	18,000-30,000	A	FCCV(T)	13 x 13	20 x 14.5 x 21	47	⅞	⅜
4EXCB60A3CSHUA	18,000-30,000	A	FCCV(T)	16 x 16	20 x 17.5 x 21	50	⅞	⅜
4EXCA09A5CSHUA	24,000-36,000	A	FCCV(T)	13 x 13	20 x 14.5 x 21	47	⅞	⅜
4EXCB60A5CSHUA	24,000-36,000	A	FCCV(T)	16 x 16	20 x 17.5 x 21	50	⅞	⅜
4EXCC60A5CSHUA	30,000-36,000	A	FCCV(T)	19½ x 19	20 x 23 x 23	68	⅞	⅜
4EXCB60A5CSHUA	36,000-48,000	A	FCCV(T)	16 x 16	20 x 17.5 x 21	61	⅞	⅜
4EXCC60A7CSHUA	36,000-48,000	A	FCCV(T)	19½ x 19	20 x 23 x 23	65	⅞	⅜
4EXCD06A6CSHUA	42,000-48,000	A	FCCV(T)	23 x 19	20 x 24.5 x 21	68	⅞	⅜
4EXCC60W5CSHUA	54,000-60,000	A	FCCV(T)	19½ x 19	20 x 23 x 23	85	⅞	⅜
4EXCD07A6CSHUA	48,000-60,000	A	FCCV(T)	23 x 19	20 x 24.5 x 21	88	⅞	⅜
4EXCB61A6CSHUA**	56,000-60,000	A	FCCV(T)	16 x 16	20 x 17.5 x 21	75	⅞	⅜
4EXCC61A7CSHUA**	56,000-60,000	A	FCCV(T)	19½ x 19	20 x 23 x 23	81	⅞	⅜
4EXCD07A6CSHUA**	42,000-60,000	A	FCCV(T)	23 x 19	20 x 24.5 x 21	85	⅞	⅜

(1) All coils shipped with a TXV kit including Sensor. Order Cooling Check Valve – FCCV(T). Sold by retail (nonfactory) returns a TXV kit, unused accessories. See the coil Installer's Guide for Outdoor and TXV matches.

(2) Limited to 4 rows for 2.0 ft. height.

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Split System – Cased Heat Pump and Cooling Coils

Table COIL-5-A — Features

	4MXC	4GXC
• All aluminum coil	✔	✔
• 100% foil lined insulation	✔	✔
• Shipped with fixed factory installed orifice. Additional orifices supplied	✔	✔
• Optional accessory TXV Kit with mechanical fittings available for higher performance ratings Kit	✔	✔
• Easy case attachment to furnace	✔	✔
• Upflow/Downflow application	—	✔
• 4 way application - Upflow/Downflow/Horizontal (left/right)	✔	—
• Sloped non-corrosive drain pan - UL rated 275°F max	✔	✔
• Dual side condensate drain options	✔	✔
• Coils achieve 13-16 SEER with single stage outdoor units	✔	✔
• Painted galvanized steel cabinet to match furnace	✔	✔
• **2-year base limited warranty on coil, & all other functional parts (Residential Use)****	✔	✔
• **10-year registered limited warranty on coil, & all other functional parts (Residential Use)****	✔	✔

**Registered Limited Warranty terms are available after you register within 60 days of installation. You can register online at americanstandardcoil.com or by phone at 800-644-9015, otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific product can be found on AHSpeakeNet.com.

(2) Reference AHRI ratings in the current TXV kit in reference Product Data for additional information.

Table COIL-5-B — Refrigerant TXV Kits

Tons	R-410A TXV Kit (If required)	R-22 TXV Kit (If required)
1.5-3.0	4SYTXVH3G3436A	2SYTXVH3G3436A
3.5-4.0	4SYTXVH3G4248A	2SYTXVH3G4248A
5	4SYTXVH3G6000A	2SYTXVH3G6000A

Note: Additional R-22 Kit combinations can be found in the Accessories Section.

Table COIL-5-C — Orifice kit table for 4GXC and 4MXC coils

Outdoor Unit Capacity (Tons)	Orifice Size (R410A)	Orifice Kit	Orifice Size (R22)	Orifice Kit
1.5	0.052	MAYORIACHP0052B	0.052	MAYORIACHP0052B
2	0.058	MAYORIACHP0058B	0.058	MAYORIACHP0058B
2.5*	0.063 / 0.065	MAYORIACHP0063B / 065A	0.065	MAYORIACHP0065A
3	0.070	MAYORIACHP0070B	0.072	MAYORIACHP0072B
3.5	0.075	MAYORIACHP0075B	0.078	MAYORIACHP0078B
4	0.083	MAYORIACHP0083B	0.088	MAYORIACHP0088B
5	0.090	MAYORIACHP0090B	0.096	MAYORIACHP0096B

Note: Orifice size needed for system combination may not be pre-installed. See Table 3 in coil Installation Manual. So pre-installed size.
* Necessary Orifice sizes varies for this Coverage. See Table 3 in coil Installation Manual.

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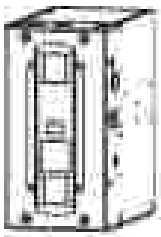
HEATING & AIR CONDITIONING

S9V2-VS – Two Stage ECM Variable Speed

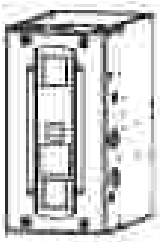
Table FUR-1-A — Variable Speed, 2 Stage, Direct/Non-Direct Vent, Upflow/Horizontal Left/Horizontal Right Condensing Gas Furnace with Variable Speed Draft Inducer (120/1/60)[1]



S9V2-VS Direct Vent Upflow

Unit Model No.	Airflow in Tons	Output (Btuh) Stage 2	Output (Btuh) Stage 1	ICM[2] AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Size**
S9V2B040UVSAA	2	39,343	29,809	97.000	2, 3, 4	99	34 x 17½ x 28½	122	15	16 x 25 x 1
S9V2B060UVSAA	3	57,600	38,277	97.000	2, 3, 4	99	34 x 17½ x 28½	127	15	16 x 25 x 1
S9V2B080UVSAA	3	77,259	51,003	97.000	2, 3, 4	99	34 x 17½ x 28½	132	15	16 x 25 x 1
S9V2C1000VSAA	4	96,362	64,075	97.000	2, 3, 4	99	34 x 21 x 28½	154	15	20 x 25 x 1
S9V2D1200UVSAA	5	115,140	76,888	97.000	3, 4	99	34 x 24½ x 28½	167	15	24 x 25 x 1

Table FUR-1-B — Variable Speed, 2 Stage, Direct/Non-Direct Vent, Downflow Condensing Gas Furnace (120/1/60)[1]



S9V2-VS Direct Vent Downflow

Unit Model No.	Airflow in Tons	Output (Btuh) Stage 2	Output (Btuh) Stage 1	ICM[2] AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Size**
S9V2B060DVSAA	3	59,363	41,081	97.000	2, 3, 4	99	34 x 17½ x 22½	133	15	(2) 14 x 20 x 1
S9V2C1000DVSAA	4	95,800	63,900	97.000	2, 3, 4	99	34 x 21 x 28½	154	15	(2) 16 x 25 x 1

Note: Variable speed furnaces should not be installed and are not approved for cooling applications.

[1] Nominal Combustion Efficiency. AFUE may vary based on state.

[2] Energy Star.

[3] Direct drive variable speed motor is an ECM motorized airflow blower motor.

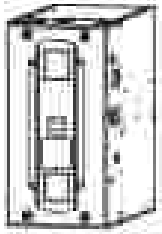
[4] Silicon Nitride Igniter.

* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

** Filters are not shipped with furnace. For Upflow furnaces, the size is for a bottom return filter.

S9V2 – Two Stage ECM Variable Speed

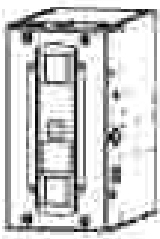
Table FUR-1-C — Variable Speed, 2 Stage, Direct/Non-Direct Vent, Upflow/Horizontal Left/Horizontal Right Condensing Gas Furnace (120/1/60)[1]



S9V2 Direct Vent Upflow

Unit Model No.	Airflow in Tons	Output (Btuh) Stage 2	Output (Btuh) Stage 1	ICM[2] AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Size**
S9V2B040UVPSAA	2	39,343	29,809	97.000	2, 3, 4	99	34 x 17½ x 28½	122	15	16 x 25 x 1
S9V2B060UVPSAA	3	57,600	38,277	97.000	2, 3, 4	99	34 x 17½ x 28½	127	15	16 x 25 x 1
S9V2B080UVPSAA	3	77,259	51,003	97.000	2, 3, 4	99	34 x 17½ x 28½	132	15	16 x 25 x 1
S9V2C1000VPSAA	4	96,362	64,075	97.000	2, 3, 4	99	34 x 21 x 28½	154	15	20 x 25 x 1
S9V2D1200UVPSAA	5	115,140	76,888	97.000	3, 4	99	34 x 24½ x 28½	167	15	24 x 25 x 1

Table FUR-1-D — Variable Speed, 2 Stage, Direct/Non-Direct Vent, Downflow Condensing Gas Furnace (120/1/60)[1]



S9V2 Direct Vent Downflow

Unit Model No.	Airflow in Tons	Output (Btuh) Stage 2	Output (Btuh) Stage 1	ICM[2] AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Size**
S9V2B060DVPSAA	3	59,363	41,081	97.000	2, 3, 4	99	34 x 17½ x 22½	133	15	(2) 14 x 20 x 1
S9V2C1000DVPSAA	4	95,800	63,900	97.000	2, 3, 4	99	34 x 21 x 28½	154	15	(2) 16 x 25 x 1

Note: Variable speed furnaces should not be installed and are not approved for cooling applications.

[1] Nominal Combustion Efficiency. AFUE may vary based on state.

[2] Energy Star.

[3] Direct drive variable speed motor is an ECM motorized airflow blower motor.

[4] Silicon Nitride Igniter.

* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

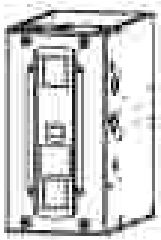
** Filters are not shipped with furnace. For Upflow furnaces, the size is for a bottom return filter.

For complete equipment / combination applications, installation instructions and warranty information, please refer to Product Data Ratings and/or Installation Guides and Limited Warranty Handbooks.

Effective 1/1/18
SA-1014-1-0

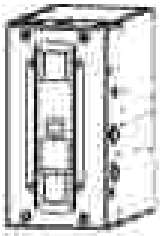
S9X2 – Two Stage High Efficiency ECM

Table FUR-2-A — S Speed High Efficiency ECM Motor, 2 Stage, Direct/Non-Direct Vent, Upflow/Horizontal Left/Horizontal Right Condensing Gas Furnace (120/1/60)[1]



S9X2 Direct Vent Upflow

Unit Model No.	Airflow (Tons)	Output (Btuh) Stage 2	Output (Btuh) Stage 1	ICS[2] AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Feet[3]	Filter Size[4]
S9X2B040U2PSAA	2	36,800	25,200	96.0/97	2	HSI	34 x 17½ x 21½	122	15	16 x 25 x 1
S9X2B048U2PSAA	3	36,800	25,200	96.0/97	2	HSI	34 x 17½ x 26½	122	15	16 x 25 x 1
S9X2B060U2PSAA	3	59,200	37,800	96.0/97	2	HSI	34 x 17½ x 26½	127	15	20 x 25 x 1
S9X2B060U4PSAA	4	59,200	37,800	96.0/97	2	HSI	34 x 17½ x 26½	130	15	16 x 25 x 1
S9X2B060U3PSAA	3	77,600	50,440	96.0/97	2	HSI	34 x 17½ x 21½	132	15	16 x 25 x 1
S9X2B060U2PSAA	2	77,600	50,440	96.0/97	2	HSI	34 x 17½ x 26½	138	15	16 x 25 x 1
S9X2C080U4PSAA	4	77,600	50,440	96.0/97	2	HSI	34 x 21 x 26½	140	15	20 x 25 x 1
S9X2C080U3PSAA	3	77,600	50,440	96.0/97	2	HSI	34 x 21 x 26½	145	15	20 x 25 x 1
S9X2C100U4PSAA	4	97,000	63,000	96.0/97	2	HSI	34 x 21 x 26½	154	15	20 x 25 x 1
S9X2C100U3PSAA	3	97,000	63,000	96.0/97	2	HSI	34 x 21 x 26½	155	15	20 x 25 x 1
S9X2C120U5PSAA	5	116,400	75,600	96.0/97	3	HSI	34 x 24½ x 26½	167	15	24 x 25 x 1



S9X2 Direct Vent Downflow

Table FUR-2-B — S Speed High Efficiency ECM Motor, 2 Stage, Direct/Non-Direct Vent, Downflow Condensing Gas Furnace (120/1/60)[1]

Unit Model No.	Airflow (Tons)	Output (Btuh) Stage 2	Output (Btuh) Stage 1	ICS[2] AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Feet[3]	Filter Size[4]
S9X2B040U2DPSAA	2	36,800	25,200	96.0/97	2	HSI	34 x 17½ x 26½	122	15	(2) 14 x 20 x 1
S9X2B060U2DPSAA	3	59,200	37,800	96.0/97	2	HSI	34 x 17½ x 26½	127	15	(2) 14 x 20 x 1
S9X2B060U4DPSAA	4	77,600	50,440	96.0/97	2	HSI	34 x 17½ x 26½	130	15	(2) 14 x 20 x 1
S9X2C100U3DPSAA	3	97,000	63,000	96.0/97	2	HSI	34 x 21 x 26½	150	15	(2) 16 x 20 x 1
S9X2C120U5DPSAA	5	116,400	75,600	96.0/97	3	HSI	34 x 24½ x 26½	167	15	(2) 16 x 20 x 1

[1] Approved Combustible Bottom. All U.S. shipped units listed for closet.

[2] Energy Star.

[3] Direct Vent 5 speed motor is a high efficiency motor per DOE 2019 blower motors.

[4] Side or bottom return.

* Information subject to change. Please confirm with latest Product Data/Service Facts for current factory shipping data.

** Filters are not shipped with furnace. Filter sizing is based on a flow rate that is for a furnace return flow.

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Convertible Gas Furnaces

Table FUR-3-A — Features

	S9V2 VS Variable Speed	S9V2 Variable Speed	S9E2 Multi-Speed
• ComfortR™ enhanced mode (cooling)	✔	✔	
• Standard 34" height	✔	✔	✔
• 3 Way ports: Upflow furnace model (Upflow, Horizontal Left, Horizontal Right)	✔	✔	✔
• Dedicated Downflow furnace model	✔	✔	✔
• Front service access with easily accessible burners, sensors, orifices, switches, and other components	✔	✔	✔
• Cabinet has no knockouts - Rubber and plastic plugs come installed from factory	✔	✔	✔
• Gas can enter either side of cabinet	✔	✔	✔
• Condensate can exit either side of cabinet in Upflow orientation*	✔	✔	✔
• Multiple venting options - Every model, every size will offer two venting options	✔	✔	✔
• New integrated Furnace Control board with digital configuration, status, and fault codes	✔	✔	✔
• Improved alpha-numeric diagnostic codes	✔	✔	✔
• Dry contact Humidifier/EAC hook-up capability	✔	✔	✔
• Adjustable blower off delay for heating and cooling	✔	✔	✔
• Last six fault codes are stored (even with power loss)	✔	✔	✔
• Stainless steel primary and secondary heat exchanger tubes	✔	✔	✔
• Longer IFC wire harnesses allow door to be removed without disconnecting the harness	✔	✔	✔
• Alternate solenoid/pressure switch air baffle models (qty)	✔	✔	✔
• Bottom panel	✔	✔	✔
• Direct drive, variable speed ECM blower motor - Constant airflow ECM (electronically commutated motor)	✔	✔	
• Direct drive, multi speed ECM blower motor - Constant torque ECM (electronically commutated motor)			✔
• Dual PVC pipe venting (1 or 2 pipe option)	✔	✔	✔
• Two stage combination gas valve and regulator	✔	✔	✔
• Sloped heat exchanger and cabinet	✔	✔	✔
• Variable speed draft inducer motor	✔		
• Heavy gauge tall finned aluminized steel cabinet	✔	✔	✔
• Insulated blower compartment	✔	✔	✔
• Left/right condensate drain capability in vertical application	✔	✔	✔
• Service diagnostics with faults recorded on IFC board	✔	✔	✔
• Manual reset flame roll out switches	✔	✔	✔
• Models newly approved with mobile home kit	✔	✔	✔
• Multi-port hi-shot burners	✔	✔	✔
• Painted cabinet two tone color	✔	✔	✔
• Service diagnostic capabilities	✔	✔	✔
• Vertical/H blower housing	✔	✔	✔
• Slide out blower assembly on full-length rails	✔	✔	✔
• Side entry/in-shot slotted tube (upflow models only)	✔	✔	✔
• Silicon Nitride 120V hot surface igniter	✔	✔	✔
• Multiple heating blower speeds	✔	✔	✔
• Meter requirements for 2% or greater lock-up	✔	✔	✔
• **Registered limited lifetime heat exchanger warranty & 10-year on all other functional parts (Residential Use)****	✔	✔	✔
• Optional extended warranties available	✔	✔	✔

*Note: Variable speed furnaces should not be matched and are not approved for restricting applications.

** Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at www.tranecomfort.com or by phone at 800.368.4066, otherwise American Standard Heating & Air Conditioning's Basic Limited Warranty terms will apply. Some Limited Warranty exclusions on specific parts vary, see the Owner's Manual at ASBasicPlan.com.

Table FUR-3-B — Optional Accessories

Model Number	Description	Shipping Weight	S9V2 VS 2 Stage 1 or 2 Pipe	S9V2 - 2 Stage 1 or 2 Pipe	S9E2 - 2 Stage 1 or 2 Pipe
BAYLPS040B	LP Kit with Stainless Steel Burners	3	✔	✔	✔
BAYHANG	Horizontal hanging kit	2	✔	✔	✔
BAVCENT200B	Sidewall vent Termination Kit (Direct vent furnaces)	2	✔	✔	✔
BAVCENTCAN03B	Sidewall vent Termination Kit (Direct vent furnaces for Canadian applications)	2	✔	✔	✔
BAVMRSIDEVENTA	Concentric vent kit for 2, 2½ and 3" vent system	11	✔	✔	✔
BAVMRSIDEVENTCAN	Concentric vent kit for 2, 2½ and 3" vent system for Canadian applications	11	✔	✔	✔
BAYREDUCE	Reducer Coupling for Canadian applications (CPVC)	1	✔	✔	✔
BAYLEFTE	Dual return kit, E size extension	3	✔	✔	✔
BAYLEFTC	Dual return kit, C size extension	3	✔	✔	✔
BAYLEFTD	Dual return kit, D size extension	3	✔	✔	✔
BAYMFGHS03B	Manufactured/mobile home kit	1	✔	✔	✔
BAYCNDTRAP2A	In-line condensate collector for 2" PVC pipe	1	✔	✔	✔
BAYCNDTRAP3A	In-line condensate collector for 3" PVC pipe	1	✔	✔	✔
BAYBASE20	Downflow subbase	8	✔	✔	✔
BAYFLTR20	Filter Access Door Kit (Downflow only)	2	✔	✔	✔

For complete equipment / combination assortions, installation instructions and warranty information please refer to Product Data Ratings and/or Installation Guides and Limited Warranty Handbooks.

Effective 1/1/18
18-HD11-3-2A

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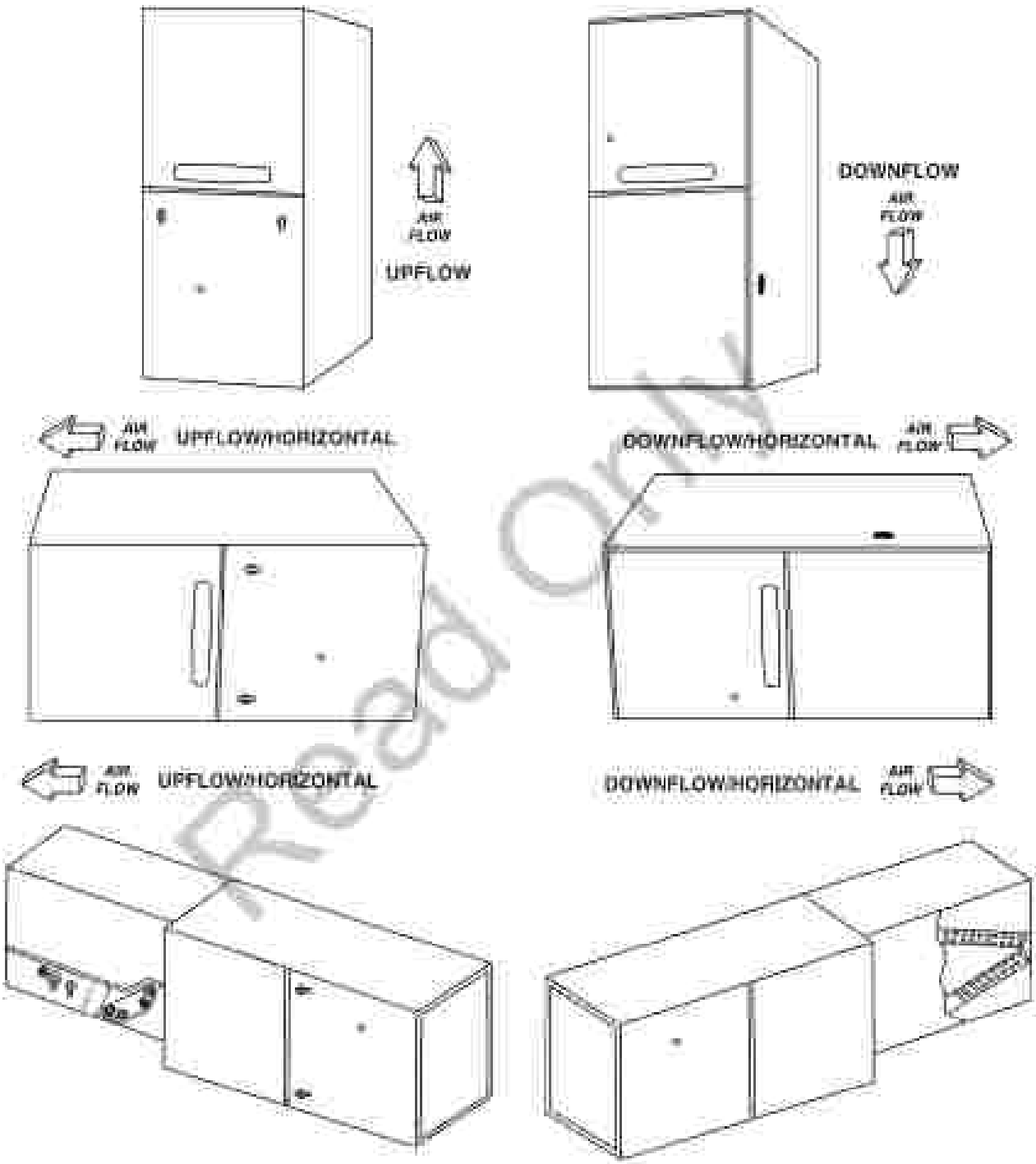
Platinum 95, Gold 95v, Silver 95, Silver 95h, and American Standard 92 Convertible Gas Furnaces Airflow Directions



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Note: The forty inch (40") height condensing downflow/horizontal and upflow/horizontal furnaces may only be roosed onto their left side. Connection brackets for coil/furnace alignment are included with the furnaces. The apex of the coil may point into or away from the airflow.

For complete equipment / combination assembly, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installer's Guides and Limited Warranty Handbooks.

Effective 1/1/18
14-12-13-35

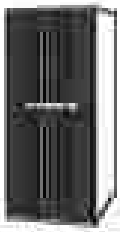
Platinum 95 – Modulating, Communicating ECM Variable Speed

Platinum 95 Direct/Non-Direct Vent Upflow

Table FUR-5-A — Variable Speed, Communicating, Modulating Direct/Non-Direct Vent, Upflow/Horizontal Left Condensing Gas Furnace (115/1/60)[1][2][3]

Unit Model No.	Airflow in Tons	Output (Btuh) High Stage 100%[4]	Output (Btuh) Low Stage 40%[5]	ECM[6] AFUE Upflow / Horiz	Flue Size (in)	Uncased Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Size**
AUHM060ACV3VB	2	57,000	23,000	97.3% / 96.5%	2, 2½, 3	40 x 17½ x 28	158	15	17 x 25 x 1
AUHM080ACV3VB	3	79,000	31,000	97.3% / 96.2%	2, 2½, 3	40 x 17½ x 28	165	15	17 x 25 x 1
AUHM100ACV4VB	4	96,000	39,000	96.8% / 96.2%	2½, 3	40 x 21 x 28	187	15	20 x 25 x 1
AUHM120ACV5VB	5	114,000	52,000	97.3% / 96.2%	3	40 x 24½ x 28	229	15	24 x 25 x 1

Table FUR-5-B — XC95m Variable Speed, Communicating Modulating Direct/Non-Direct Vent, Downflow/Horizontal Right Condensing Gas Furnace (115/1/60)[1][2][3]

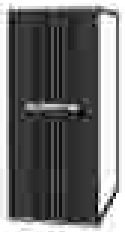


Platinum 95 Direct/Non-Direct Vent Downflow

Unit Model No.	Airflow in Tons	Output (Btuh) High Stage 100%	Output (Btuh) Low Stage 40%[5]	ES[6] AFUE	Flue Size (in)	Ignition Device	Uncased Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Size
AUHM060ACV3VB	2	57,000	22,000	96.5%	2, 2½, 3	(3)	40 x 17½ x 28	160	15	(2) 14 x 25 x 1
AUHM080ACV3VB	3	79,000	30,400	96.5%	2, 2½, 3	(3)	40 x 17½ x 28	168	15	(2) 14 x 25 x 1
AUHM100ACV4VB	4	96,000	38,400	96.5%	2½, 3	(3)	40 x 21 x 28	190	15	(2) 16 x 25 x 1
AUHM120ACV5VB	5	114,000	51,000	96.5%	3	(3)	40 x 24½ x 28	200	15	(2) 16 x 25 x 1

Note: Variable speed furnaces should not be ramped and are not approved for heating applications.
(1) Isolated Combustion System. All US may vary based on codes.
(2) Energy Star.
(3) Low stage is equal to 45% for AUHM(12)1 Model
(4) Furnace runs in 2% modulation/cooling mode.
(5) Direct drive variable speed motor to set CFM increase airflow speed. Page
(6) Silicon Nitride.
(7) Must use communicating thermostat with AccuLink 7 in runtime.
* Information subject to change. Please confirm with current Product Data Sheet or Parts for current factory production.
** For Upflow furnaces, the size is for a bottom return filter.

Gold 95v – Two Stage ECM Variable Speed



Gold 95v Direct/Non-Direct Vent Upflow

Table FUR-5-C — Variable Speed, Direct/Non-Direct Vent, Upflow/Horizontal Left Condensing Gas Furnace (115/1/60)

Unit Model No.	Airflow in Tons	Output (Btuh) Stage 2	Output (Btuh) Stage 1	ECM AFUE Upflow / Horiz	Flue Size (in)	Ignition Device	Uncased Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Size**
AUH060BCMV3VB	2	58,000	37,000	96.3% / 96.3%	2, 2½, 3	(3)	40 x 17½ x 28	158	15	17 x 25 x 1
AUH080BCMV3VB	3	77,000	49,000	97.0% / 96.3%	2, 2½, 3	(3)	40 x 17½ x 28	168	15	17 x 25 x 1
AUH100BCMV4VB	4	77,000	58,000	97.3% / 96.3%	2, 2½, 3	(3)	40 x 21 x 28	170	15	17 x 25 x 1

Note: Variable speed furnaces should not be ramped and are not approved for heating applications.
(1) Isolated Combustion System. All US may vary based on codes.
(2) Energy Star.
(3) Silicon Nitride Igniter.
* Information subject to change. Please confirm with current Product Data Sheet or Parts for current factory production.
** For Upflow furnaces, the size is for a bottom return filter.

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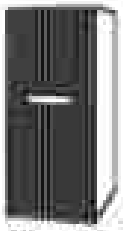
Silver 95h - Single Stage with ECM Multi-Speed Motor

Silver 95h Direct/Non-Direct Vent Uptlow

Table FUR-6-A — Direct/Non-Direct Vent, Uptlow/Horizontal Left Condensing Gas Furnace with Filter

Unit Model No.	Airflow In Tons	Nominal Output (Btuh)	(DE)[1] AFUE (uptlow / horiz)	Flue Size (in)	Ignition Device	Uncrated Dimensions (in) H x W x D	Shipping Weight (lbs.)	Max Floor[2]	Filter Size[3]
AUH1B040A5H21B	2	36,000	95.3 / 94.2	2, 2½ x 3	SI	40 x 17½ x 28	139	15	17 x 25 x 1
AUH1B060A5H21B	3	57,000	95.3 / 94.2	2, 2½ x 3	SI	40 x 17½ x 28	150	15	17 x 25 x 1
AUH1B060A5H21C	3	73,000	95.3 / 94.2	2, 2½ x 3	SI	40 x 17½ x 28	158	15	17 x 25 x 1
AUH1C100A5H41B	3½	95,000	95.3 / 94.2	3	SI	43 x 21 x 28	177	15	20 x 25 x 1



Silver 95h Direct/Non-Direct Vent Downflow

Table FUR-6-B — Direct/Non-Direct Vent, Downflow/Horizontal Right Condensing Gas Furnace with Filter

Unit Model No.	Airflow In Tons	Nominal Output (Btuh)	(DE)[1] AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in) H x W x D	Shipping Weight (lbs.)	Max Floor[2]	Filter Size[3]
ADH1BB040A5H21B	2	36,000	95.3	2, 2½ x 3	SI	40 x 17½ x 28	140	15	(2) 14 x 20 x 1
ADH1BB060A5H21B	3	57,000	95.0/94.2	2, 2½ x 3	SI	40 x 17½ x 28	155	15	(2) 14 x 20 x 1
ADH1CB080A5H41B	4	76,000	95.0/94.2	3, 4 x 3	SI	43 x 21 x 28	177	15	(2) 16 x 20 x 1

(1) Annual Fuel Utilization Efficiency. Actual may vary based on power.

(2) Natural Gas/Propane Ignition.

(3) Nominal Size.

* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

** For Upflow furnaces, the side is for a bottom return flow.

Pro Only

Silver 95 – Single Stage

Silver 95 Direct/Non-Direct Vent Uptlow

Table FUR-6-C — Direct/Non-Direct Vent, Uptlow/Horizontal Left Condensing Gas Furnace (115/1/60)

Unit Model No.	Airflow In Tons	Nominal Output (Btuh)	(DE)[1] AFUE (uptlow / horiz)	Flue Size (in)	Ignition Device	Uncrated Dimensions (in) H x W x D	Shipping Weight (lbs.)	Max Floor[2]	Filter[3] Size
AUH1B040A5M21C	2	36,000	95.0 / 94.2	2, 2½ x 3	SI	40 x 17½ x 28	139	15	17 x 25 x 1
AUH1B060A5M21C	3	57,000	95.0 / 94.2	2, 2½ x 3	SI	40 x 17½ x 28	155	15	17 x 25 x 1
AUH1B060A5M21C	3½	73,000	95.0 / 94.2	2, 2½ x 3	SI	40 x 17½ x 28	158	15	17 x 25 x 1
AUH1C080A5M21C	4	76,000	95.0 / 94.2	3	SI	43 x 21 x 28	171	20	20 x 25 x 1
AUH1C100A5M41C	4½	92,000	95.0 / 94.2	3	SI	43 x 21 x 28	171	20	20 x 25 x 1
AUH1E100A5M21C	4½	92,000	95.0 / 94.2	3	SI	46 x 24½ x 28	197	20	24 x 25 x 1
AUH1D120A5M21C	5	104,000	95.0 / 94.2	3	SI	46 x 24½ x 28	200	20	24 x 25 x 1

Silver 95 Direct/Non-Direct Vent Downflow

Table FUR-6-D — Direct/Non-Direct Vent, Downflow/Horizontal Right Condensing Gas Furnace (115/1/60)

Unit Model No.	Airflow In Tons	Nominal Output (Btuh)	(DE)[1] AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in) H x W x D	Shipping Weight (lbs.)	Max Floor[2]	Filter[3] Size
ADH1BB040A5M21C	2	36,000	95.0	2, 2½ x 3	SI	40 x 17½ x 28	139	15	(2) 14 x 20 x 1
ADH1BB060A5M21C	3½	57,000	95.0	2, 2½ x 3	SI	40 x 17½ x 28	158	15	(2) 14 x 20 x 1
ADH1CB080A5M41C	4	76,000	95.0	3, 4 x 3	SI	43 x 21 x 28	185	20	(2) 16 x 20 x 1
ADH1D110A5M21C	5	104,000	95.0	3, 4 x 3	SI	46 x 24½ x 28	208	20	(2) 16 x 20 x 1

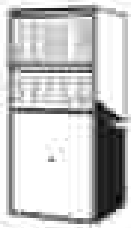
(1) Annual Fuel Utilization Efficiency. Actual may vary based on power.

(2) Natural Gas/Propane Ignition.

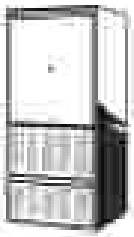
* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

** Filters are not shipped with furnaces. For Upflow furnaces, the side is for a bottom return flow.

American Standard 92 – Single Stage



American Standard 92 Upflow



American Standard 92 Downflow

Table FUR-7-A — Direct/Non-Direct Vent, Upflow/Horizontal Left Condensing Gas Furnace (115/1/60)

Unit Model No.	Airflow in Tons	Nominal Output (Btuh)	ICS® AFUE Upflow / Horiz	Flue Size (in)	Ignition Device	Denoted Dimensions (in.) H x W x D	Shipping Weight* (lbs.)	Max Flow*	Filter** Sizes
AUC1B040A0241A	2	37,000	92.1 / 91.3	2, 2½, 3	Silicon Nitride	40 x 17½ x 28	130	10	17 x 25 x 1
AUC1B060A0361A	3	56,000	92.1 / 91.3	2, 2½, 3	Silicon Nitride	40 x 17½ x 28	160	10	17 x 25 x 1
AUC1B080A0421A	3½	74,000	92.1 / 91.3	2, 2½, 3	Silicon Nitride	40 x 17½ x 28	168	10	17 x 25 x 1
AUC1C100A0481A	4	94,000	92.1 / 91.3	2½, 3	Silicon Nitride	40 x 21 x 28	171	20	20 x 25 x 1
AUC1D100A0601A	5	93,000	92.1 / 91.3	2½, 3	Silicon Nitride	40 x 24½ x 28	197	20	24 x 25 x 1
AUC1D120A0601A	5	113,000	92.1 / 91.3	2½, 3	Silicon Nitride	40 x 24½ x 28	200	20	24 x 25 x 1

Table FUR-7-B — Direct/Non-Direct Vent, Downflow/Horizontal Right Condensing Gas Furnace (115/1/60)

Unit Model No.	Airflow in Tons	Nominal Output (Btuh)	ICS® AFUE	Flue Size (in)	Ignition Device	Denoted Dimensions (in.) H x W x D	Shipping Weight* (lbs.)	Max Flow*	Filter** Sizes
ADC1B040A0241A	2	37,000	92.1	2, 2½, 3	Silicon Nitride	40 x 17½ x 28	145	15	(2) 14 x 20 x 1
ADC1B060A0361A	3	56,000	92.1	2, 2½, 3	Silicon Nitride	40 x 17½ x 28	155	15	(2) 14 x 20 x 1
ADC1B080A0421A	3½	74,000	92.1	2, 2½, 3	Silicon Nitride	40 x 17½ x 28	169	15	(2) 14 x 20 x 1
ADC1C100A0481A	4	93,000	92.1	2½, 3	Silicon Nitride	40 x 21 x 28	185	20	(2) 16 x 20 x 1
ADC1D120A0601A	5	112,000	92.1	2½, 3	Silicon Nitride	40 x 24½ x 28	200	20	(2) 16 x 20 x 1

ICS Seasonal Combustion System. AFUE may vary based on pulse.

* Information subject to change. Please confirm with current Product Data Service Facts for current factory production.

** Filters are not shipped with furnace. For Upflow furnaces, Applies to the Return Filter.

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Platinum 95, Gold 95v, Silver 95, Silver 95h, and American Standard 92 Convertible Gas Furnaces

Airflow Directions:
Downflow models when placed in horizontal position provide left to right airflow. Upflow models when placed in horizontal position provide right to left airflow.

Table FUR-S-A — Features	AUH/M AUH/M Modulating 1 or 2 Pipe Variable Speed	AUH/c AUH/c 2 Stage 1 or 2 Pipe Variable Speed	AUH-H AUH-H 1 Stage 1 or 2 Pipe	AUH/ AUH/ 1 Stage 1 or 2 Pipe	AUC/c AUC/vAUC/1 1 Stage 1 or 2 Pipe
• ComfortR™ enhanced mode (cooling)	✔	✔	—	—	—
• AccuLink™ Blower[2]	✔	—	—	—	—
• Meets requirements for 2% or less air leakage	✔	✔	✔	✔	—
• Adjustable heating fan off timing	✔	✔	✔	✔	✔
• Allmetal sidemounting right return air (upflow models only)	✔	✔	✔	✔	✔
• Blower door safety switch	✔	✔	✔	✔	✔
• Bottom panel (upflow models only)	✔	✔	✔	✔	✔
• Cleanable/Washable high velocity filters	✔	✔	✔	—	—
• Complete front service access	✔	✔	✔	✔	✔
• Direct drive, multi-speed (PSC) blower motor	—	—	—	✔	✔
• Direct drive, multi-speed ECM blower motor (high efficiency)*	—	—	✔	—	—
• Direct drive, variable speed ECM blower motor**	✔	✔	—	—	—
• Downflow horizontal right (downflow models only)	✔	✔	✔	✔	✔
• Dual PVC pipe sizing (1 or 2 pipe option)	✔	✔	✔	✔	✔
• Two stage combination gas valve and regulator	—	✔	—	—	—
• One stage combination gas valve and regulator	—	—	✔	✔	✔
• Modulating gas valve and regulator	✔	—	—	—	—
• Epoxy-coated blower door (upflow models only)	✔	✔	✔	✔	—
• Heavy gauge reinforced wraparound steel cabinet	✔	✔	✔	✔	✔
• Humidifier/EAC hook-up capability	✔	✔	✔	✔	—
• Inner blower door panel (downflow models only)	✔	✔	✔	✔	✔
• Insulated blower compartment 4 sides	✔	✔	✔	✔	—
• Integrated solid state control w/self diagnostics	✔	—	—	—	—
• Lettrigre commercial grade capability in vertical applications	✔	✔	✔	✔	✔
• Service diagnostics with faults reported at the user interface	✔	—	—	—	—
• Lite Port™ Burner assembly	✔	✔	—	—	—
• Manual reset flame roll out switches	✔	✔	✔	✔	✔
• Models home approved w/BAYMEDH100A	—	✔	✔	✔	✔
• Multi-port in shot burners	✔	✔	✔	✔	✔
• Painted cabinet single color	—	—	—	—	✔
• Painted cabinet two tone color	✔	✔	✔	✔	—
• Service diagnostic capabilities	✔	✔	✔	✔	✔
• Side return duct starter tabs (upflow models only)	✔	✔	✔	✔	✔
• Silicon Nitride hot surface igniter	✔	✔	✔	✔	✔
• Single wire twinning	—	—	✔	✔	—
• Slide out blower assembly	✔	✔	✔	✔	✔
• Solid burner door (quiet operation)	✔	✔	✔	✔	—
• 20 gauge aluminized steel heat exchanger	✔	✔	✔	✔	✔
• 24 volt secondary type	✔	✔	✔	✔	✔
• Multiple heating blower speeds	✔	✔	✔	—	—
• Type 23-4C™ stainless steel secondary heat exchanger	✔	✔	✔	✔	✔
• Upflow horizontal left (upflow models only)	✔	✔	✔	✔	✔
• Variable speed blower motor	✔	✔	—	—	—
• Registered limited lifetime heat exchanger warranty & 10-year on all other furnaceart parts (Residential Use)(1)	✔	✔	✔	✔	✔
• Optional extended warranties available	✔	✔	✔	✔	✔

Note: *Variable speed furnaces should not be twinned and are not approved for twinning applications.
(1) Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at americanstandardwarranty.com or by phone at 800.893.8220. Otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ACDealerNet.com.
(2) Not applicable to 24V communicating mode.
*Constant torque ECM (electronically commutated motor).
**Constant airflow ECM (electronically commutated motor).

Reference Only

For complete equipment / combination assembly, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installation Guides and Limited Warranty Handbooks.

BUILT TO A HIGHER STANDARD

American Standard

HEATING & AIR CONDITIONING

Platinum 95, Gold 95v, Silver 95, Silver 95h, and American Standard 92 Convertible Gas Furnace

Airflow Directions:

Downflow models when placed in horizontal position provide left to right airflow. Upflow models when placed in horizontal position provide right to left airflow.

Table FUR-S-A — Optional Accessories

Model Number	Description	Shipping Weight	AUH/AUHM Modulating 1 or 2 Pipe Variable Speed	AUH/AUHM 2 Stage 1 or 2 Pipe Variable Speed
EMFBASEB20	Downflow subbase for downflow models only	8	✔	✔
BAYFLTR20	External side filter rack	5	✔	✔
BAYFLTR203	Filter kit twins conversion for 17.5" cabinet	3	✔	✔
BAYFLTR204	Filter kit twins conversion for 21" cabinet	3	✔	✔
BAYFLTR205	Filter kit twins conversion for 24.5" cabinet	3	✔	✔
EMFLTR31710	Cleanable filter for 17.5" cabinet upflow only	2	✔	✔
BAYFLTR32110	Cleanable filter for 21" cabinet upflow only	2	✔	✔
BAYFLTR32410	Cleanable filter for 24.5" cabinet upflow only	2	✔	✔
BAYLPKT21UB	Propane conversion kit	1	—	✔
BAYLPKT22UB	Propane conversion kit	2	✔	—
EMFLPS821UB	LP Kit with Stainless Steel Burners	1	—	✔
BAYLPS822UB	LP Kit with Stainless Steel Burners	2	✔	—
BAYMFGH100A	Manufactured/mobile home kit	2	—	✔
EMFRACKB00A	Filter rack kit for upflow models only (internal)[2]	5	✔	✔ [3]
BAYWIR20CENTA	Concentric vent kit for 2, 2½ and 3" vent system	11	✔	✔
EMFVENT20UB	Sidewall vent Termination Kit to Direct vent furnaces	2	✔	✔
BAYVENT20UA	Side vent kit for downflow models only	1	✔	✔
BAYACCECOMM101	AccuClean® nodebug kit for communicating furnaces	1	✔	—

(1) Contains one (1) high density filter.

(2) Internal filter rack for side or bottom return air. Includes 1" x 20" cleanable filter for use in side return applications. Upflow return applications require different series of filters which are not included. Airflow recommended over 1600 CFM requires filters on both sides (one side and bottom or bottom only).

(3) BAYFLTR20 not allowed on right side return on AUH2B060A21A1** applications.

*Note: Variable speed furnaces should not be replaced, and are not approved for existing applications.

Airflow Directions:

Downflow models when placed in horizontal position provide left to right airflow. Upflow models when placed in horizontal position provide right to left airflow.

Table FUR-S-B — Optional Accessories

Model Number	Description	Shipping Weight	ASXH-HE ADXH-H 2 Stage 1 or 2 Pipe	ASXH/ADXH/ AUX/AUXM 1 Stage 1 or 2 Pipe	AUC1/AUC1 1 Stage 1 or 2 Pipe
EMFBASEB20	Downflow subbase for downflow models only	8	✔	✔	✔
EMFLTR20	External side filter rack	5	✔	✔	✔
EMFLTR203	Filter kit twins conversion for 17.5" cabinet	3	✔	✔	✔
BAYFLTR204	Filter kit twins conversion for 21" cabinet	3	✔	✔	✔
BAYFLTR205	Filter kit twins conversion for 24.5" cabinet	3	✔	✔	✔
BAYFLTR205	Filter access door kit (Downflow only)	2	—	✔	✔
EMFLTR31710	Cleanable filter for 17.5" cabinet upflow only	2	✔	✔	✔
EMFLTR32110	Cleanable filter for 21" cabinet upflow only	2	✔	✔	✔
BAYFLTR32410	Cleanable filter for 24.5" cabinet upflow only	2	✔	✔	✔
BAYLPKT21UB	Propane conversion kit	1	✔	✔	✔
BAYLPS821UB	LP Kit with Stainless Steel Burners	1	✔	✔	✔
BAYMFGH100A	Manufactured/mobile home kit	2	✔	✔	✔
EMFRACKB00A	Filter rack kit for upflow models only (internal)[2]	5	✔	✔	✔
BAYWIR20CENTA	Concentric vent kit for 2, 2½ and 3" vent system	11	✔	✔	✔
BAYVENT20UB	Sidewall vent Termination Kit to Direct vent furnaces	2	✔	✔	✔
BAYVENT20UA	Side vent kit for downflow models only	1	✔	✔	✔

*Note: Variable speed furnaces should not be replaced, and are not approved for existing applications.

(1) Contains one (1) high density filter.

(2) Internal filter rack for side or bottom return air. Includes 1" x 20" cleanable filter for use in side return applications. Upflow return applications require different series of filters which are not included. Airflow recommended over 1600 CFM requires filters on both sides (one side and bottom or bottom only).

Read Only

Special Use Furnace Accessories

Table FUR-10-A — High Altitude Pressure Switch 50%

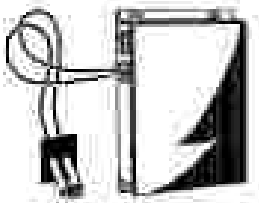
Model Number	Description	Used With	Shipping Weight
BAYHALT225	1 Switch	AUC080,100C948,120C,ADC080,120C	2
BAYHALT226	1 Switch	AUC,ADC060C	2
BAYHALT227	1 Switch	AUC150C948	2
BAYHALT228	1 Switch	AUC/ADC048C	2
BAYHALT230	1 Switch	AUX060C,AUX100C948,D150A4[1][8][4]	2
BAYHALT231	1 Switch	AUX060C,AUX100C	2
BAYHALT232	1 Switch	AUX060C,AUX100C	2
BAYHALT233	1 Switch	AUX100,120C/ADC060,120C/AVC100,D150A[0][0][5][4][8][0],D120	2
BAYHALT234	1 Switch	ADX100C,ADP1C100	2
BAYHALT241	1 Switch	ADX060C,ADP[8][9]	2
BAYHALT242	2 Switches	ADX/AUX,ADH,AUY060JP	2
BAYHALT244	2 Switches	ADX/AUX,ADH,AUY060,120-R	2
BAYHALT247	2 Switches	ADX/AUX,ADY,AUY120-R	2
BAYHALT248	1 Switch	AUD1/ADD1,AUF1/AD5	2
BAYHALT255	1 Switch	AUD2,AUD-B-S,ADD-B-P,AD52	2

Table FUR-10-B — High Altitude Pressure Switch 50%

Model Number	Description	Used With	Shipping Weight
BAYHWTT01AHALTA	1 Switch	AUC1B048,AUC1B060,ADC,1B048,AUH1T048[ ] AUX1D100,ADX1B040,AUH1B048,ADH1B048,ADH1B060	2 2
BAYHWTT02AHALTA	1 Switch	AUC1B[ ]0,AUX1B060	2
BAYHWTT03AHALTA	1 Switch	AUC1B[ ]0,AUX1B060	2
BAYHWTT04AHALTA	1 Switch	AUC1C100,AUC1D120,ADC1B060, ADC2D100,ADX,1D120,AUX1C100,AUX1D120, ADX1B060,ADX1D120,ADH1B060,AUH1D100,AUH1D120	2
BAYWWT05AHALTA	1 Switch	ADX1C100,AUH1B060,AUH1C100,AC,1D118	2
BAYWWT06AHALTA	1 Switch	ADC1B[ ]0,ADX1B[ ]0	2
BAYWWT07AHALTA	1 Switch	AUH3AUH3B060,ADH3,1B060[ ]00,AUX1B060,ADX2B060, AUY060K,ADY060K	2
BAYWWT08AHALTA	1 Switch	AUX2[ ]B[ ]A,ADX2D120,ADY120K,AUY120K,ADP120K, AUH2B[ ]0,ADH2B060,AUH2C100,ADH2C100,AUH2D120, ADH2B[ ]0,AUH3AUH3B[ ]0,ADH3,1DH060[ ]0	2
BAYWWT09AHALTA	1 Switch	AUX2D120,ADP2D120,AUY120K,ADY060K,AUY150K, ADY150K,AUH3AUH3B060,ADH3,1DH060,AUH3AUH3C100, ADH3,1DH060	2
BAYWWT10AHALTA	1 Switch	AUH2B060A,ADH2B060A	2
BAYWWT11AHALTA	1 Switch	ADH1[ ]060	2
BAYWWT12AHALTA	1 Switch	ADH1B060	2
BAYWWT01AHALTB	1 Switch	AUX1	2

The following changes occurred beginning with serial number 8151:

1. All 2-stage furnace changed from two separate pressure switches to one piggy back switch.
2. The high altitude pressure switches are now piggy back.
3. The new piggy back switches are not interchangeable with the original two switch design.
4. The pressure switch mounting plate is different for the piggy back switches.



Burner Switch TAYPLUG1038

Table FUR-10-C — Dual Fuel Heat Pump Control Kit

Model Number	Case Weight	Used With
TAYPLUG1004	Heat Pump Control Kit	Gas, LP, Oil and Electric Furnaces
TAYSTAT2H	Outdoor Thermostat	TAYPLUG1003 for Restricted Mode

(1) Factory wired for non-restricted mode, can be wired for restricted mode.

(2) Applicable for all furnaces with 75 VA or larger line voltage transformer (requires high voltage power not included).

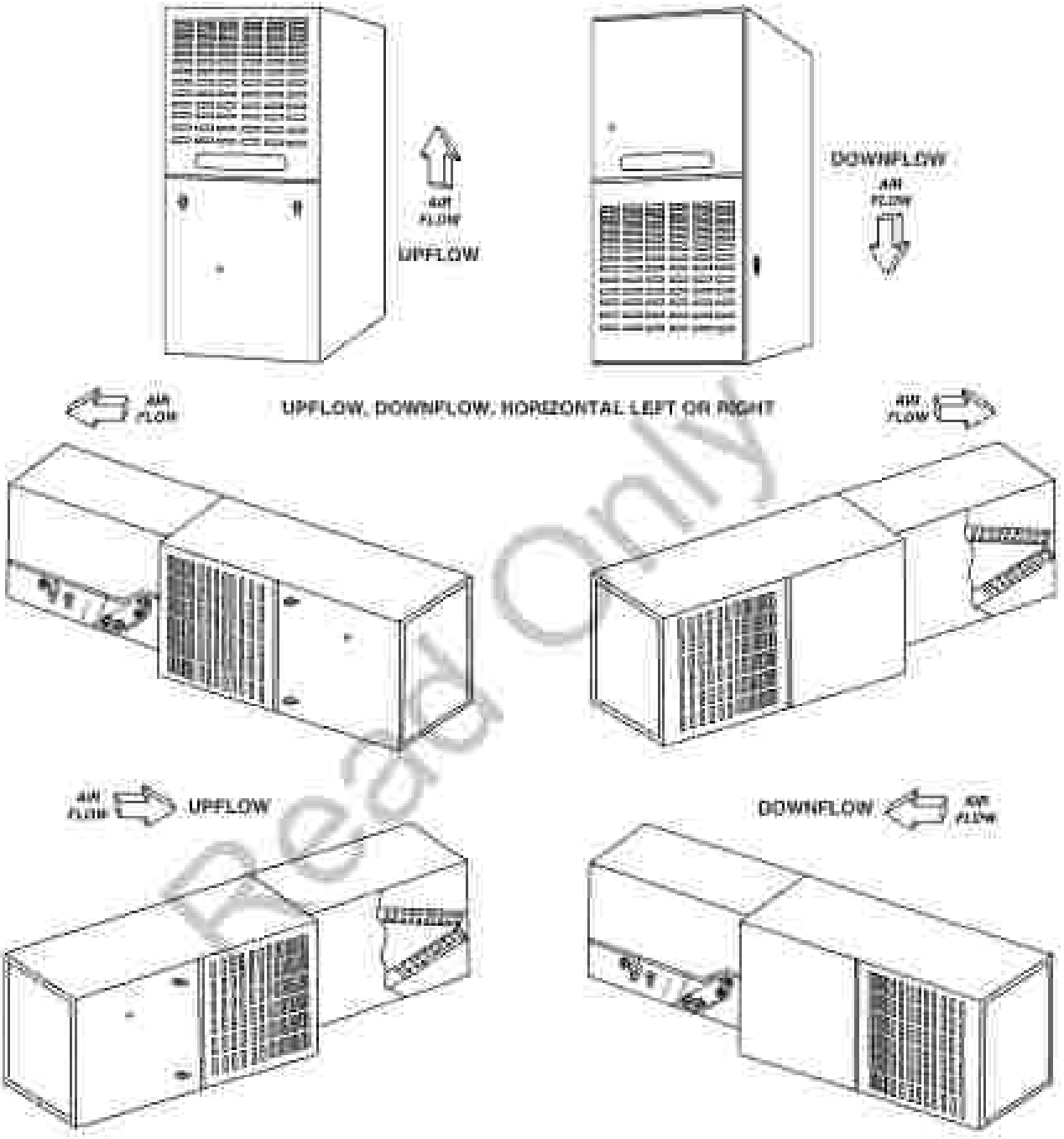
Proof Only

BUILT TO A HIGHER STANDARD

American Standard

HEATING & AIR CONDITIONING

Platinum 80, Gold 80v, Gold 80, Silver 80h, Silver 80, and American Standard 80 Gas Furnaces Airflow Directions



Read Only

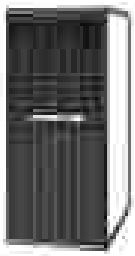
Note: The non-condensing, forty inch (40") height furnaces may be laid on either side for horizontal application. Connection brackets for coil/furnace alignment are included with the furnaces. The space of this coil may point into or away from the airflow.

BUILT TO A HIGHER STANDARD

American Standard

HEATING & AIR CONDITIONING

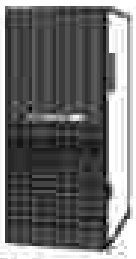
Platinum 80 – Communicating Two Stage ECM Variable Speed



Platinum 80
Upflow

Table FUR-12-A — Upflow/Horizontal Left or Right Induced Draft Gas Furnace (115/1/60)(1)(2)(3)

Unit Model No.	Airflow In Tons	Output (Btuh) Stage 2	Output (Btuh) Stage 1	ICM(4) AFUE	Flue Size (in)	Ignition Device	Nominal Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max. Fuse*	Filter Size*
AUD2B060ACV3SB	2	46,000	31,200	80.0	4	Silicon Nitride	40 x 17½ x 28	136	15	17 x 25 x 1
AUD2B080ACV3SB	3	64,000	41,600	80.0	4	Silicon Nitride	40 x 17½ x 28	142	15	17 x 25 x 1
AUD2C080ACV4SB	4	64,000	41,600	80.0	4	Silicon Nitride	40 x 21 x 28	156	15	17 x 25 x 1
AUD2B100ACV3SB	5	80,000	52,000	80.0	4	Silicon Nitride	40 x 17½ x 28	146	15	17 x 25 x 1
AUD2C100ACV5SB	5	80,000	52,000	80.0	4	Silicon Nitride	40 x 21 x 28	170	15	20 x 25 x 1
AUD2C120ACV5SB	5	97,000	62,400	80.0	4	Silicon Nitride	40 x 21 x 28	168	15	24 x 25 x 1
AUD2D140ACV5SB	5	111,000	72,800	80.0	4	Silicon Nitride	40 x 24½ x 28	197	15	24 x 25 x 1



Platinum 80
Downflow

Table FUR-12-B — Downflow/Horizontal Left or Right Induced Draft Gas Furnace (115/1/60)(1)(2)(3)

Unit Model No.	Airflow In Tons	Output (Btuh) Stage 2	Output (Btuh) Stage 1	ICM(4) AFUE	Flue Size (in)	Ignition Device	Nominal Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max. Fuse*	Filter Size
ADD2B060ACV3SB	2	46,000	31,200	80.0	4	Silicon Nitride	40 x 17½ x 28	146	15	(2) 14 x 20 x 1
ADD2B080ACV3SB	3	64,000	41,600	80.0	4	Silicon Nitride	40 x 17½ x 28	146	15	(2) 14 x 20 x 1
ADD2C100ACV5SB	5	81,000	52,000	80.0	4	Silicon Nitride	40 x 21 x 28	166	15	(2) 16 x 20 x 1
ADD2D120ACV5SB	5	96,000	62,400	80.0	4	Silicon Nitride	40 x 24½ x 28	197	15	(2) 16 x 20 x 1

Note: Variable speed furnaces should not be matched and are not approved for heating applications.

(1) Must use communicating thermostat with furnace. * Or smaller.

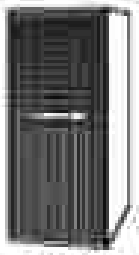
(2) Not convertible to 240V non-communicating.

(3) Isolated Combustion System.

* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

** For Upflow furnaces, the size is for a bottom return filter.

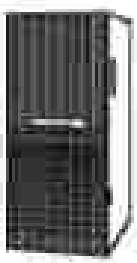
Gold 80v – Two Stage ECM Variable Speed



Gold 80v
Upflow

Table FUR-12-C — Upflow/Horizontal Left or Right Induced Draft Gas Furnace (115/1/60)(1)(2)(3)

Unit Model No.	Airflow In Tons	Output (Btuh) Stage 2	Output (Btuh) Stage 1	ICM(4) AFUE	Flue Size (in)	Ignition Device	Nominal Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max. Fuse*	Filter Size*
AUD2B060AVV3SB	2	46,000	31,200	80.0	4	Silicon Nitride	40 x 17½ x 28	136	15	17 x 25 x 1
AUD2B080AVV3SB	3	64,000	41,600	80.0	4	Silicon Nitride	40 x 17½ x 28	142	15	17 x 25 x 1
AUD2C080AVV4SB	4	64,000	41,600	80.0	4	Silicon Nitride	40 x 21 x 28	156	15	17 x 25 x 1
AUD2C080BVV4SB	4	64,000	41,600	80.0	4	Silicon Nitride	40 x 21 x 28	156	15	17 x 25 x 1
AUD2B100AVV3SB	5	80,000	52,000	80.0	4	Silicon Nitride	40 x 17½ x 28	142	15	17 x 25 x 1
AUD2C100AVV5SB	5	80,000	52,000	80.0	4	Silicon Nitride	40 x 21 x 28	166	20	20 x 25 x 1
AUD2C100BVV5SB	5	80,000	52,000	80.0	4	Silicon Nitride	40 x 21 x 28	166	20	20 x 25 x 1
AUD2D120AVV5SB	5	97,000	62,400	80.0	4	Silicon Nitride	40 x 24½ x 28	193	20	24 x 25 x 1
AUD2D120BVV5SB	5	97,000	62,400	80.0	4	Silicon Nitride	40 x 24½ x 28	193	20	24 x 25 x 1
AUD2D140AVV5SB	5	111,000	72,800	80.0	4	Silicon Nitride	40 x 24½ x 28	197	20	24 x 25 x 1



Gold 80v
Downflow

Table FUR-12-D — Downflow/Horizontal Left or Right Induced Draft Gas Furnace (115/1/60)(1)(2)(3)

Unit Model No.	Airflow In Tons	Output (Btuh) Stage 2	Output (Btuh) Stage 1	ICM(4) AFUE	Flue Size (in)	Ignition Device	Nominal Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max. Fuse*	Filter Size
ADD2B060AVV3SB	2	46,000	31,200	80.0	4	Silicon Nitride	40 x 17½ x 28	146	15	(2) 14 x 20 x 1
ADD2B080AVV3SB	3	64,000	41,600	80.0	4	Silicon Nitride	40 x 17½ x 28	146	15	(2) 14 x 20 x 1
ADD2C100AVV5SB	5	81,000	52,000	80.0	4	Silicon Nitride	40 x 21 x 28	166	20	(2) 16 x 20 x 1
ADD2D120AVV5SB	5	96,000	62,400	80.0	4	Silicon Nitride	40 x 24½ x 28	197	20	(2) 16 x 20 x 1

Note: Variable speed furnaces should not be matched and are not approved for heating applications.

(1) Model has high efficiency blower assembly.

(2) This furnace family uses a two speed draft inducer.

(3) Isolated Combustion System.

* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

** For Upflow furnaces, the size is for a bottom return filter.

For complete equipment / combination assembly, installation instructions and warranty information, please refer to Product Data/Ratings and/or Limited Warranty Handbooks.

Effective 01/18
ML18FUR-12B

Gold 80 – Two Stage

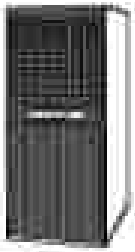

Gold 80 Upflow

Table FUR-13-S — Upflow/Horizontal, Left or Right Induced Draft Gas Furnace (115/1/60)

Unit Model No.	Airflow In Trim	Nominal Output (Btuh) Stage 2	Nominal Output (Btuh) Stage 1	AFUE	Flue Size (in)	Ignition Device	Uncoated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Power*	Filter Size**
AUDGA060A924ZA	2	38,000	29,600	80.0	4	Silicon Nitride	40 x 14½ x 28	119	10	17 x 25 x 1
AUDGA060A936ZA	3	47,000	31,200	80.0	4	Silicon Nitride	40 x 14½ x 28	127	10	17 x 25 x 1
AUDGB060V936ZA	3	47,000	31,200	80.0	4	Silicon Nitride	40 x 17½ x 28	132	10	17 x 25 x 1
AUDGB060A936ZA	3	60,000	41,600	80.0	4	Silicon Nitride	40 x 17½ x 28	142	10	17 x 25 x 1
AUDGB060A948ZA	4	63,000	41,600	80.0	4	Silicon Nitride	40 x 17½ x 28	142	10	17 x 25 x 1
AUDGB070A948ZA	3	79,000	52,000	80.0	4	Silicon Nitride	40 x 17½ x 28	151	10	17 x 25 x 1
AUDGC070A948ZA	4	79,000	53,000	80.0	4	Silicon Nitride	40 x 21 x 28	162	15	20 x 25 x 1
AUDGC100A960ZA	5	80,000	52,000	80.0	4	Silicon Nitride	40 x 21 x 28	162	20	20 x 25 x 1
AUDGC100A960ZA	5	80,000	52,000	80.0	4	Silicon Nitride	40 x 24½ x 28	173	20	24 x 25 x 1
AUDGC120A960ZA	4½	80,000	52,400	80.0	4	Silicon Nitride	40 x 21 x 28	176	20	20 x 25 x 1
AUDGD120A960ZA	5	80,000	52,400	80.0	4	Silicon Nitride	40 x 24½ x 28	186	20	24 x 25 x 1
AUDGD140A960ZA	5	112,000	72,800	80.0	4	Silicon Nitride	40 x 24½ x 28	186	20	24 x 25 x 1

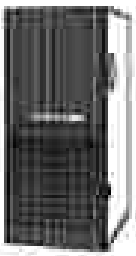

Gold 80 Downflow

Table FUR-13-S — Downflow/Horizontal Left or Right Induced Draft (115/1/60)

Unit Model No.	Airflow In Trim	Nominal Output (Btuh) Stage 2	Nominal Output (Btuh) Stage 1	AFUE	Flue Size (in)	Ignition Device	Uncoated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Power*	Filter** Size
AUDGA060A924ZA	2	38,000	29,600	80.0	4	Silicon Nitride	40 x 14½ x 28	119	10	(2) 14 x 25 x 1
AUDGA060A936ZA	3	47,000	31,200	80.0	4	Silicon Nitride	40 x 14½ x 28	127	10	(2) 14 x 25 x 1
AUDGB060V936ZA	3	47,000	31,200	80.0	4	Silicon Nitride	40 x 17½ x 28	132	10	(2) 14 x 25 x 1
AUDGB060A936ZA	3	60,000	41,600	80.0	4	Silicon Nitride	40 x 17½ x 28	142	10	(2) 14 x 25 x 1
AUDGB060A948ZA	4	63,000	41,600	80.0	4	Silicon Nitride	40 x 17½ x 28	142	10	(2) 14 x 25 x 1
AUDGB070A948ZA	3	79,000	52,000	80.0	4	Silicon Nitride	40 x 17½ x 28	151	10	(2) 14 x 25 x 1
AUDGC070A948ZA	4	79,000	53,000	80.0	4	Silicon Nitride	40 x 21 x 28	162	15	(2) 16 x 25 x 1
AUDGC100A960ZA	5	80,000	52,000	80.0	4	Silicon Nitride	40 x 21 x 28	162	20	(2) 16 x 25 x 1
AUDGC100A960ZA	5	80,000	52,000	80.0	4	Silicon Nitride	40 x 24½ x 28	173	20	(2) 16 x 25 x 1
AUDGC120A960ZA	4½	80,000	52,400	80.0	4	Silicon Nitride	40 x 21 x 28	176	20	(2) 16 x 25 x 1
AUDGD120A960ZA	5	80,000	52,400	80.0	4	Silicon Nitride	40 x 24½ x 28	186	20	(2) 16 x 25 x 1
AUDGD140A960ZA	5	112,000	72,800	80.0	4	Silicon Nitride	40 x 24½ x 28	186	20	(2) 16 x 25 x 1

(1) Variable Combustion System

* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

** Filters are not shipped with furnace. For Up-flow furnaces, filter size is for a bottom return filter.

Silver 80h – Single Stage with ECM Multi-Speed Motor

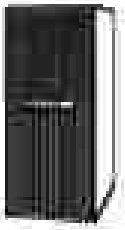

Silver 80h Upflow

Table FUR-13-C — Upflow Horizontal, Left or Right Induced Draft Gas Furnace (115/1/60)

Unit Model No.	Airflow In Trim	Nominal Output (Btuh)	AFUE	Flue Size (in)	Ignition Device	Uncoated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Power*	Filter Size**
AUD1(N)(H)060A9H(1)(3)E	2	37,000	80.0	4	Silicon Nitride	40 x 14½ x 28	119	10	17 x 25 x 1
AUD1(N)(H)060A9H(1)(3)E	3	47,000	80.0	4	Silicon Nitride	40 x 17½ x 28	127	10	17 x 25 x 1
AUD1(N)(H)060B9H(1)(3)E	3	60,000	80.0	4	Silicon Nitride	40 x 17½ x 28	142	10	17 x 25 x 1
AUD1(N)(H)080B9H(1)(3)E	4	64,000	80.0	4	Silicon Nitride	40 x 21 x 28	142	10	20 x 25 x 1
AUD1(N)(H)070A9H(1)(3)E	3	79,000	80.0	4	Silicon Nitride	40 x 17½ x 28	151	10	17 x 25 x 1
AUD1(N)(H)100A9H(1)(3)E	5	79,000	80.0	4	Silicon Nitride	40 x 21 x 28	162	20	20 x 25 x 1
AUD1(N)(H)100A9H(1)(3)E	5	96,000	80.0	4	Silicon Nitride	40 x 24½ x 28	186	20	24 x 25 x 1
AUD1(N)(H)140A9H(1)(3)E	5	111,000	80.0	4	Silicon Nitride	40 x 24½ x 28	186	20	24 x 25 x 1

Silver 80h Downflow

Table FUR-13-D — Downflow Horizontal, Left or Right Induced Draft Gas Furnace (115/1/60)

Unit Model No.	Airflow In Trim	Nominal Output (Btuh)	AFUE	Flue Size (in)	Ignition Device	Uncoated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Power*	Filter Size
AUD1(N)(H)060A9H(1)(3)E	2	48,000	80.0	4	Silicon Nitride	40 x 17½ x 28	129	15	(2) 14 x 20 x 1
AUD1(N)(H)080A9H(1)(3)E	3	64,000	80.0	4	Silicon Nitride	40 x 17½ x 28	146	15	(2) 14 x 20 x 1
AUD1(C)(N)100A9H(1)(3)E	5	81,000	80.0	4	Silicon Nitride	40 x 21 x 28	167	20	(2) 16 x 20 x 1
AUD1(D)(N)120A9H(1)(3)E	5	96,000	80.0	4	Silicon Nitride	40 x 24½ x 28	189	20	(2) 16 x 20 x 1

Note: Silver 80h furnaces have constant torque ECM motors.

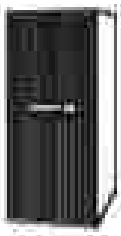
(1) Variable Combustion System

* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

** For Upflow furnaces, filter size is for a bottom return filter.

For complete equipment / combination assembly, installation instructions and warranty information, please refer to Product Data Ratings and/or Installation, Owners and Limited Warranty Handbooks.

Silver 80 – Single Stage



Silver 80
Upflow

Table FUR-14-5 — Upflow/Horizontal Left or Right Induced Draft Gas Furnace (115/1/60)

Unit Model No.	Airflow in Tons	Nominal Output (Btuh)	ECM AFUE	Flue Size (in.)	Ignition System	Uncrated Dimensions (in.) H x W x D	Shipping Weight* (lbs.)	Max. Feet*	Filter** Sizes
AUD1VA040A5241B	2	32,000	80.0	4	Silicon Nitride	40 x 14 ½ x 28	119	15	1 - 17 x 25 x 1
AUD1VA040A5241E	2	32,000	80.0	4	Silicon Nitride	40 x 14 ½ x 28	122	15	1 - 17 x 25 x 1
AUD1VA060A5301E	3	47,000	80.0	4	Silicon Nitride	40 x 14 ½ x 28	124	15	1 - 17 x 25 x 1
AUD1VA060A5301E	3	47,000	80.0	4	Silicon Nitride	40 x 14 ½ x 28	127	15	1 - 17 x 25 x 1
AUD1080A5301E	3	47,000	80.0	4	Silicon Nitride	40 x 17 ½ x 28	132	15	1 - 17 x 25 x 1
AUD1080A5241E	2	34,000	80.0	4	Silicon Nitride	40 x 17 ½ x 28	130	15	1 - 17 x 25 x 1
AUD1080A5301E	3	47,000	80.0	4	Silicon Nitride	40 x 17 ½ x 28	142	15	1 - 17 x 25 x 1
AUD1080A5421C	4	64,000	80.0	4	Silicon Nitride	40 x 17 ½ x 28	140	15	1 - 17 x 25 x 1
AUD1C080A5601E	5	64,000	80.0	4	Silicon Nitride	40 x 21 x 28	154	20	2 - 20 x 20 x 1
AUD1810A5301E	3	75,000	80.0	4	Silicon Nitride	40 x 17 ½ x 28	153	15	1 - 17 x 25 x 1
AUD1810A5421E	4	85,000	80.0	4	Silicon Nitride	40 x 17 ½ x 28	153	15	1 - 17 x 25 x 1
AUD1C10A5481E	4	78,000	80.0	4	Silicon Nitride	40 x 21 x 28	162	15	2 - 20 x 25 x 1
AUD1C10A5601E	5	78,000	80.0	4	Silicon Nitride	40 x 21 x 28	172	20	2 - 20 x 20 x 1
AUD1D10A5721E	6	91,000	80.0	4	Silicon Nitride	40 x 24 ½ x 28	177	20	2 - 24 x 20 x 1
AUD1C12A5481E	4	78,000	80.0	4	Silicon Nitride	40 x 21 x 28	179	20	2 - 20 x 20 x 1
AUD1D12A5601E	5	91,000	80.0	4	Silicon Nitride	40 x 24 ½ x 28	189	20	2 - 24 x 20 x 1
AUD1D14A5601E	5	111,000	80.0	4	Silicon Nitride	40 x 24 ½ x 28	189	20	2 - 24 x 20 x 1

Silver 80
Downflow

Table FUR-14-6 — Downflow/Horizontal Left or Right Induced Draft Gas Furnace (115/1/60)

Unit Model No.	Airflow in Tons	Nominal Output (Btuh)	ECM AFUE	Flue Size (in.)	Ignition System	Uncrated Dimensions (in.) H x W x D	Shipping Weight* (lbs.)	Max. Feet*	Filter** Sizes
ADD1VA060A5241B	2	48,000	80.0	4	Silicon Nitride	40 x 14 ½ x 28	129	15	(2) 14 x 20 x 1
ADD1VA060A5301B	3	48,000	80.0	4	Silicon Nitride	40 x 14 ½ x 28	129	15	(2) 14 x 20 x 1
ADD1B060A5301B	3	48,000	80.0	4	Silicon Nitride	40 x 17 ½ x 28	134	15	(2) 14 x 20 x 1
ADD1B060A5301E	3	54,000	80.0	4	Silicon Nitride	40 x 17 ½ x 28	140	15	(2) 14 x 20 x 1
ADD1B060A5421E	4	64,000	80.0	4	Silicon Nitride	40 x 17 ½ x 28	140	15	(2) 14 x 20 x 1
ADD1B100A5421B	4	85,000	80.0	4	Silicon Nitride	40 x 17 ½ x 28	156	15	(2) 14 x 20 x 1
ADD1B100A5421E	4	85,000	80.0	4	Silicon Nitride	40 x 21 x 28	159	15	(2) 16 x 20 x 1
ADD1B100A5481E	4	91,000	80.0	4	Silicon Nitride	40 x 21 x 28	167	20	(2) 16 x 20 x 1
ADD1B120A5481E	4	91,000	80.0	4	Silicon Nitride	40 x 21 x 28	177	20	(2) 16 x 20 x 1
ADD1D120A5601E	5	110,000	80.0	4	Silicon Nitride	40 x 24 ½ x 28	189	20	(2) 16 x 20 x 1
ADD1D140A5601B	5	110,000	80.0	4	Silicon Nitride	40 x 24 ½ x 28	189	20	(2) 16 x 20 x 1

*Optional Connections System.
* Information subject to change. / Specifications with current Product Data/Service Forms for current factory production.
** Sizes are not actual filter dimensions. For Upflow furnaces, the same for a bottom return filter.

PROOF

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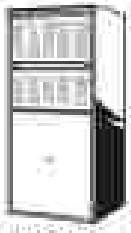
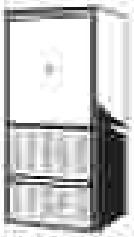
American Standard.

HEATING & AIR CONDITIONING

American Standard 80 – Single Stage



American Standard 80 Upflow



American Standard 80 Downflow

Table FUR-15-A — Upflow/Horizontal Left or Right Induced Draft Gas Furnace (115/1/60)

Unit Model No.	Airflow in Tons	Nominal Output (Btu/h)	ICS(1) AFUE	Flue Size (in.)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight* (lbs.)	Max Pass*	Filter** Sizes
AUE1A040A3241A	2	31,000	80.0	4	Silicon Nitride	40 x 14 ½ x 28	119	15	16 x 25 x 1
AUE1A060A3241A	2	47,000	80.0	4	Silicon Nitride	40 x 14 ½ x 28	124	15	16 x 25 x 1
AUE1A080A3361A	3	47,000	80.0	4	Silicon Nitride	40 x 14 ½ x 28	127	15	16 x 25 x 1
AUE1B060A3361A	3	47,000	80.0	4	Silicon Nitride	40 x 17 ½ x 28	132	15	17 x 25 x 1
AUE1B080A3361A	3	53,000	80.0	4	Silicon Nitride	40 x 17 ½ x 28	142	15	17 x 25 x 1
AUE1B080A3481A	4	64,000	80.0	4	Silicon Nitride	40 x 17 ½ x 28	142	15	17 x 25 x 1
AUE1B100A3361A	3	70,000	80.0	4	Silicon Nitride	40 x 17 ½ x 28	151	15	17 x 25 x 1
AUE1C100A3481A	4	75,000	80.0	4	Silicon Nitride	40 x 21 x 28	162	15	20 x 25 x 1
AUE1C100A3601A	5	75,000	80.0	4	Silicon Nitride	40 x 21 x 28	162	20	20 x 25 x 1
AUE1D120A3601A	5	96,000	80.0	4	Silicon Nitride	40 x 24 ½ x 28	166	20	24 x 25 x 1
AUE1D140A3601A	5	111,000	80.0	4	Silicon Nitride	40 x 24 ½ x 28	169	20	24 x 25 x 1

Table FUR-15-B — Downflow/Horizontal Left or Right Induced Draft Gas Furnace (115/1/60)

Unit Model No.	Airflow in Tons	Nominal Output (Btu/h)	ICS(1) AFUE	Flue Size (in.)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight* (lbs.)	Max Pass*	Filter** Sizes
AUE1A080A3361A	3	48,000	80.0	4	Silicon Nitride	40 x 14 ½ x 28	129	15	(2) 14 x 20 x 1
AUE1B060A3361A	3	48,000	80.0	4	Silicon Nitride	40 x 17 ½ x 28	134	15	(2) 14 x 20 x 1
AUE1B080A3481A	4	64,000	80.0	4	Silicon Nitride	40 x 17 ½ x 28	140	15	(2) 14 x 20 x 1
AUE1B100A3481A	4	80,000	80.0	4	Silicon Nitride	40 x 17 ½ x 28	156	15	(2) 14 x 20 x 1
AUE1C100A3601A	5	81,000	80.0	4	Silicon Nitride	40 x 21 x 28	167	20	(2) 16 x 20 x 1
AUE1D120A3601A	5	96,000	80.0	4	Silicon Nitride	40 x 24 ½ x 28	165	20	(2) 16 x 20 x 1

(1) Isolated Combustion System.

* Information subject to change. Please confirm with current Product Data Service Facts for current launch production.

** Filters are not shipped with furnace. For Upflow furnaces, the filters have bottom return filter.

Read Only

Furnaces

For complete equipment / combination assertions, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

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American Standard

HEATING & AIR CONDITIONING

Platinum 80, Gold 80v, Gold 80, Silver 80h, Silver 80, and American Standard 80 Convertible Gas Furnaces

Furnaces

Table FUR-15-A — Features	AUD2-ACV/ ADD2-ACV 2 Stage 1 or 2 Pipe (2)	AUD2-vV ADD2-vV 2 Stage (2)	AUD2/ ADD2 2 Stage	AUD1-V/ ADD1-V 1 Stage High Efficiency	AUD1/ ADD1 1 Stage	AUE1/ AEE1 1 Stage
+ ComfortLink™ communicating control	✔	✔	—	—	—	—
+ AccuTrac™ system	✔	—	—	—	—	—
+ Can be connected in communicating or 24V non-communicating modes	✔	—	—	—	—	—
+ User interface for system configuration - Easy to use navigation buttons and plain text for clear description of features	✔	✔	—	✔	✔	—
+ Meets requirements for 2% or less air leakage	✔	—	—	—	✔	—
+ Adjustable heating fan off timing	✔	✔	✔	✔	✔	✔
+ Alternate bottom/left/right return air (upflow models only)	✔	✔	✔	✔	✔	✔
+ Attractive color scheme	✔	✔	✔	✔	✔	—
+ Blower door safety switch	✔	✔	✔	✔	✔	✔
+ Bottom Panel (upflow models only)	✔	✔	✔	✔	✔	—
+ Cleanable/reusable high velocity filters	✔	✔	—	✔	—	—
+ Common vent capability	✔	✔	✔	✔	✔	✔
+ Composite front service access	✔	✔	✔	✔	✔	✔
+ Direct drive, multi-speed (PSC) blower motor	—	—	✔	—	✔	✔
+ Direct drive, multi-speed ECM blower motor (High efficiency)(3)	—	—	—	✔	—	—
+ Direct drive, variable speed ECM blower motor(4)	✔	✔	—	—	—	—
+ Galvalited blower door	✔	✔	✔	✔	✔	—
+ Heavy gauge reinforced wrap-around steel cabinet	✔	✔	✔	✔	✔	✔
+ Horizontal airflings without conversion required	✔	✔	✔	✔	✔	✔
+ Humidifier/EAC hook-up capability	✔	✔	✔	✔	✔	—
+ Inner blower door panel (downflow models only)	✔	✔	✔	✔	✔	✔
+ Insulated blower compartment & doors (upflow models only)	✔	✔	✔	✔	✔	—
+ Integrated with state control w/self diagnostics	✔	✔	✔	✔	✔	✔
+ Left/right gas connection	✔	✔	✔	✔	✔	✔
+ Manual reset flame roll out switches	✔	✔	✔	✔	✔	✔
+ Masonry Chimney Venting w/SAV (4"/5"/6")	✔	✔	✔	✔	✔	✔
+ Multi-port in shot burners	✔	✔	✔	✔	✔	✔
+ Painted casinet single color	—	—	—	—	—	✔
+ Perfect fit door fasteners (upflow models only)	✔	✔	✔	✔	✔	—
+ Right or left hand side knock out for venting (downflow models only)	✔	✔	✔	✔	✔	✔
+ Selectable cooling fan off delay eliminates need for time delay relay	✔	✔	✔	✔	✔	✔
+ Service diagnostic capabilities	✔	✔	✔	✔	✔	—
+ Service diagnostics with faults reported at the user interface	✔	—	—	—	—	—
+ Side return inserts (upflow models only)	✔	✔	✔	✔	✔	✔
+ Silicon Nitride hot surface igniter with proprietary heat up	✔	✔	✔	✔	✔	✔
+ Single door filter access	✔	✔	✔	✔	✔	—
+ Single wire harness	—	—	✔	✔	✔	—
+ Slide out blower assembly	✔	✔	✔	✔	✔	✔
+ 3-way vent option on downflow models (out right or left) (downflow models only)	—	✔	✔	✔	✔	✔
+ 20 gauge aluminized steel heat exchanger(5)	✔	✔	✔	✔	✔	✔
+ 24 volt secondary fuse	—	✔	✔	✔	✔	✔
+ Multiple heating blower speeds	✔	✔	✔	—	—	—
+ Two speed venter motor	✔	✔	✔	—	—	—
+ Two flame roller	✔	✔	✔	✔	✔	—
+ Two-stage gas valve	✔	✔	✔	—	—	—
+ **Registered limited lifetime heat exchanger warranty and 10-year on all other functional parts (Residential Use)**(2)	✔	✔	—	—	—	—
+ **Registered 20-year heat exchanger limited warranty and 10-year on all other functional parts (Residential Use)**	—	—	✔	✔	✔	✔
+ **Optional extended warranties available**	✔	✔	✔	✔	✔	✔

Note: Variable speed furnaces should not be balanced and are not approved for balancing applications.

(2) Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at www.warrantyregistration.com or by phone at 800-444-8202. Otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASGwebMaster.com.

(3) Variable Speed

(4) Selectable through thermostat

(5) Limited Lifetime ECM (electronically commutated motor)

(6) Limited 10-year ECM (electronically commutated motor)

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installation Guides and Limited Warranty Handbooks.

Effective 01/18
18-FUR15-02

Platinum 80, Gold 80v, Gold 80, Silver 80h, Silver 80, and American Standard 80 Convertible Gas Furnaces

Table FUR-17-A — Optional Accessories

Model Number	Description	Shipping Weight	AUD*-ACV/AADD*-ACV 2-Stage Variable Speed	AUD*-V** AADD*-V** 2-Stg Variable Speed
BAYBASE20	Downflow subbase for downflow models only	4	✔	✔
BAYFLTR20	Side Filter Rack (External)	5	✔	✔
BAYFLTR20	Filter kit 'kora conversion for 17.5" cabinet	1	✔	✔
BAYFLTR24	Filter kit 'kora conversion for 21" cabinet	1	✔	✔
BAYFLTR30	Filter kit 'kora conversion or 24.5" cabinet	1	✔	✔
BAYFLTR36	Filter Access Door Kit (Downflow only)	2	✔	✔
BAYFLTR17(1)	Cleanable filter for 21" cabinet upflow only	2	✔	✔
BAYFLTR24(1)	Cleanable filter for 24.5" cabinet upflow only	2	✔	✔
BAYLP072168	Pressure conversion kit	1	✔	✔
BAYLPSS21SB	LP Kit with Stainless Steel Burners	1	✔	✔
BAYRACKSS(2)(3)	Filter Rack Kit for upflow models only (internal)	5	✔	✔
BAYVENT600	Masonry chimney vent kit	2	✔	✔

(1) Contains one (1) high velocity filter

(2) Downflow filter racks for sizes 17 inches and above are shipped with 17 x 20" cleanable filter for use in side return applications. Subtract weight applicable to your size if filters which are not included. Airflow requirements over 1600 CFM require filters on both sides or a side and bottom or bottom only.

Table FUR-17-B — Optional Accessories

Model Number	Description	Shipping Weight	AUD0/AADD0 2-Stage	AUD1-V/AADD1-V 1-Stage High Efficiency	AUD1/AADD1 1-Stage	AUE1/ADE1 1-Stage
BAYBASE20	Downflow subbase for downflow models only	4	✔	✔	✔	✔
BAYFLTR20	Side Filter Rack (External)	5	✔	✔	✔	–
BAYFLTR20	Filter kit 'kora conversion for 17.5" cabinet	1	✔	✔	✔	✔
BAYFLTR24	Filter kit 'kora conversion for 21" cabinet	1	✔	✔	✔	✔
BAYFLTR30	Filter kit 'kora conversion or 24.5" cabinet	1	✔	✔	✔	✔
BAYFLTR36	Filter Access Door Kit (Downflow only)	2	✔	✔	✔	✔
BAYFLTR17(1)	Cleanable filter for 14.5" and 17.5" cabinet upflow only	2	✔	✔	✔	✔
BAYFLTR21(1)	Cleanable filter for 21" cabinet upflow only	2	✔	✔	✔	✔
BAYFLTR24(1)	Cleanable filter for 24.5" cabinet upflow only	2	✔	✔	✔	✔
BAYLP072168	Pressure conversion kit	1	✔	✔	✔	✔
BAYLPSS21SB	LP Kit with Stainless Steel Burners	1	✔	✔	✔	✔
BAYRACKSS(2)(3)	Filter Rack Kit for upflow models only (internal)	5	✔	✔	✔	✔
BAYVENT600	Masonry chimney vent kit	2	✔	✔	✔	✔

Note: Variable speed furnaces should not be operated with gas logs not approved for blowing applications.

(1) Contains one (1) high velocity filter

(2) Downflow filter racks for sizes 17 inches and above are shipped with 17 x 20" cleanable filter for use in side return applications. Subtract weight applicable to your size if filters which are not included. Airflow requirements over 1600 CFM require filters on both sides or a side and bottom or bottom only.

Proof Only

Special Use Furnace Accessories

Bimetal Switch

TAYPLUS1333

Table FUR-17-C — High Altitude Pressure Switch 60%

Model Number	Description	Used With	Shipping Weight
BAYHALT248	1 Switch	AUD1ADD1AUE1ADE1	2
BAYHALT249	1 Switch	AUD1-V/ADD1-V/AUE1/ADE1	1

Table FUR-17-D — Dual Fuel Heat Pump Control Kit(1)(2)

Model Number	Description	Used With
TAYPLUS1333	Heat Pump Control Kit	Gas, LP, Oil and Electric Furnaces
TAYSTAT552B	Digital Thermostat	TAYPLUS1333 for Residential Mode

(1) Furnace select for communicating mode, can be wired for non-linear mode.

(2) Applicable for all furnaces with 24 Volt or larger fuse voltage transformer (separate high voltage power line required).

For complete equipment / combination assistance, installation instructions and warranty information please refer to Product Data Ratings and/or Installation Guides and Limited Warranty Handbooks.

Ordering Information

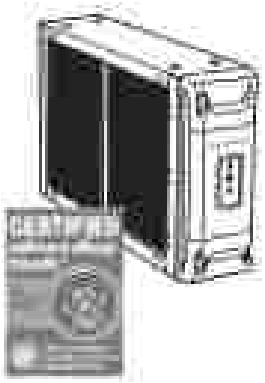
Variable and Non-Variable Speed High Efficiency Oil Furnaces

American Standard Oil Furnaces are available from your local distributor.

For availability and support, contact your local distributor.

Read Only

AccuClean™ Whole Home Air Cleaner



AccuClean™ Whole Home Air Cleaner

- **AccuClean™** removes up to 99.98% of allergens from the filtered air
- Removes particles down to .01 micron in size
- Outperforms HEPA, and up to 100 times more effective than a standard 1" filter
- Constructed of heavy 18 gauge metal to protect the filter and internal electronics
- Power door provides easy access to internal components and features a filter status display as well as safety interlocks that automatically shut down the power when the doors opened for maintenance or cleaning
- Designed for flush fit on both sides and rear of equipment cabinet
- No humidifiers required on **AccuClean™** applications
- Gaskets included with the air cleaner
- **AccuLink™** communicating or 24 volt capability
- **Base Limited Warranty 5-years**
- **Registered Limited Warranty 10-years**
- **American Standard AccuClean™** is now certified as **asthma & allergy friendly™** by AAFA

Table IAQ-1-A – Air Handler – 24 Volt AccuClean™ Whole Home Air Cleaner

Model Number	Airflow Range	AccuClean™ Air Handler Width	Shipping Weight
AFD1725CLAH000E	600-1200	17½ inch	37
AFD2125CLAH000E	800-1600	21½ inch	42
AFD2525CLAH000E	950-1900	24½ inch	44
AFD3025CLAH000E	400-2000	28 inch	46

Table IAQ-1-B – Upflow / Side Return Furnace – 24 Volt AccuClean™ Whole Home

Model Number	Airflow Range	AccuClean™ Furnace Width	Shipping Weight
AFD1425CLFR000E	300-1200	14½ inch[1]	38
AFD1725CLFR000E	350-1600	17½ inch[1]	42
AFD2125CLFR000E	800-2000	21 inch[2]	47
AFD2425CLFR000E	1000-2000	24½ inch[2]	49

Table IAQ-1-C – Downflow Furnace – 24 Volt AccuClean™ Whole Home

Model Number	Airflow Range	AccuClean™ Furnace Width	Shipping Weight
AFD1725CLFR000E	600-1600	17½ inch	37
AFD2125CLFR000E	800-2000	21 inch	41

Table IAQ-1-D — Accessories – AccuClean™ Whole Home

Model Number	Description	Used With	Shipping Weight
625175A01	120 to 24 Volt Transformer	All AFD Air Cleaners	3

(1) Side return no transition required.
(2) Side return transition required.

For complete equipment / combination applications, installation instructions and warranty information, please refer to Product Data Ratings and/or Installation, Owners and Limited Warranty Handbooks.

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HEATING & AIR CONDITIONING

Perfect Fit™ Media Filters

- Four sizes to flush fit bottom of Trane furnaces
- TFM175 (17½") bottom return model can be used for a **Perfect Fit**™ side return on all furnace models.
- Air Cleaners designed for flush fit on both sides and rear of equipment cabinet
- All service and access is from the front of the air cleaner
- **Air-Tite**™ Door construction eliminates air leaks, improves air quality and leads operating costs low
- Gaskets included with the air cleaner

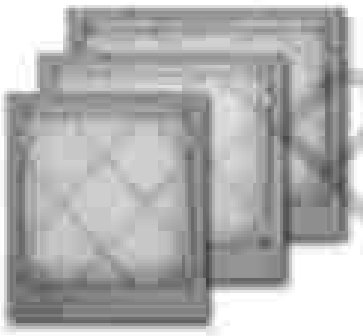
Table IAQ-2-A – Air Handler Perfect Fit™ High Efficiency Air Cleaner With Five (5) Inch **Expandable** Media Filter

Model Number	Airflow Range	Perfect Fit™ Air Handler Width	Unrated Dimensions (in.) H x W x D	Shipping Weight	Return Air Opening (1)
TFM213 ■ SAH0	300-1400	21½ inch	7½ x 21½ x 21	22	18½ x 18½
TFM233 ■ SAH0	300-1700	23½ inch	7½ x 23½ x 21	24	20½ x 18½
TFM256 ■ SAH0	400-2100	26 inch	7½ x 26 x 21	25	23½ x 17½

Table IAQ-2-B – Furnace Perfect Fit™ High Efficiency Air Cleaner With Five (5) Inch **Expandable** Media Filter

Model Number	Airflow Range	Perfect Fit™ Furnace Width	Unrated Dimensions (in.) H x W x D	Shipping Weight	Return Air Opening (1)
TFM140 ■ SFR0	300-1200	14½ inch(2)	7½ x 14½ x 27	18	11½ x 24½
TFM170 ■ SFR0	300-1500	17½ inch(2)	7½ x 17½ x 27	21	14½ x 24½
TFM210 ■ SFR0	300-2000	21 inch(2)	7½ x 21 x 27	24	18½ x 24½
TFM245 ■ SFR0	400-2000	24½ inch(2)	7½ x 24½ x 27	27	21½ x 24½

(1) Side return for transition required
(2) Side return transition required
(3) Actual operating costs not included Range



SlimFit Filters

- Available in all cabinet widths for the TEM Air Handlers.
- Available for the S-Series Furnaces with side return.
- Polyolate Gray 18 gauge steel painted frame to match cabinet.
- Low profile 2" depth cabinet.
- Hinged front door for easy filter replacement
- Service First MERV 4 rated pleated filter included for recurring revenue on SlimFit sizes. Will also accommodate off the shelf return filters.
- Easy installation and competitively priced.

New for 2013
- Fully insulated B-4-2 door
- Insulated cabinet to prevent sweating

Table IAQ-2-C - SlimFit Filters

Part Number	Part Description	Dimensions (in.)	Trapezoidal
BAYSF1165BAA	1" Filter and Frame (Side Return Furnace)	18½ x 20½ x 2	BAYSF1165AAA
BAYSF1185BAA	1" Filter and Frame, 18½	18½ x 21 x 2	BAYSF1185AAA
BAYSF1235BAA	1" Filter and Frame, 23½	23½ x 21 x 2	BAYSF1235AAA
BAYSF1265BAA	1" Filter and Frame, 26½	26½ x 21 x 2	BAYSF1265AAA
FLRSF1165*	1" Media Filter (Side Return Furnace)	16½ x 20½ x ½	
FLRSF1185*	1" Media Filter	17½ x 19½ x ½	
FLRSF1235*	1" Media Filter	22½ x 19½ x ½	
FLRSF1265*	1" Media Filter	25½ x 19½ x ½	

*Shipped in packets of 12

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

Effective 1/1/18
14-1517-35

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American Standard.

HEATING & AIR CONDITIONING

QuikBox™ Media Cabinet and Filters

New for 2018

- New Cool Improved Replacement for TFM Perfect Fit Media Filter
- 5 Perfect Fit Sizes to match Air Handler or Furnace Cabinet dimensions
- 5" Depth 16-Gauge Metal Painted Cabinet w/ Fully Insulated R-4.2 Door
- New MERV 11 Collapsible "Shirt-Box" type filter included
- Air Tile Door Construction with Gasketing and Quarter Turn/Easy Open Latch
- Cabinet Gasketing included for improved leakage at accessories connection
- QuikBox Replacement Filters are Backward Compatible to Fit Every TFM Filter Box

Table IAQ-3-A– QuikBox™ Replacement Filters

Old Perfect Fit Model	New QuikBox Model	Nominal Cabinet Size H x W x D	Airflow Range Cfm	Shipping Weight
TFM175B0FR0	EQBFM175A0FR11	5" x 17.5" x 27"	300-1500	20
TFM170A0FR0	EQBFM170A0FR11	5" x 17.5" x 27"	300-1600	20
TFM210B0FR0	EQBFM210A0FR11	5" x 21.5" x 27"	300-2000	22
TFM215B0AH0	EQBFM215A0AH11	5" x 21.5" x 27"	300-1400	20
TFM235B0AH0	EQBFM235A0AH11	5" x 23.5" x 27"	300-1700	22
TFM245B0FR0	EQBFM245A0FR11	5" x 24.5" x 27"	400-2000	24
TFM250B0AH0	EQBFM250A0AH11	5" x 25.5" x 27"	400-2000	24
N/A	EQBFM150A0FR11	5" x 20.5" x 16.75"	400-1600	20
N/A	EQBFM150A0AH11	5" x 18.5" x 27"	400-1600	22

Table IAQ-3-B– QuikBox™ Replacement Filters

Perfect Fit Furnace	Old Filter Part Number	Dimensions(in.) H x W x D	New Filter Part Number	Efficiency Rating
TFM145B0FR0	BAYFTFR14M2	13.7 x 20 x 4.7	FLRQB5FR14M11	MERV 11
TFM170B0FR0	BAYFTFR17M2	16.7 x 20 x 4.7	FLRQB5FR17M11	MERV 11
TFM210B0FR0	BAYFTFR21M2	20.2 x 20 x 4.7	FLRQB5FR21M11	MERV 11
TFM245B0FR0	BAYFTFR24M2	23.7 x 20 x 4.7	FLRQB5FR24M11	MERV 11
New	N/A	17.75 x 20 x 4.7	FLRQB5FR16M11	MERV 11
TFM170A0FR0	BAYFTDN17M2	16.7 x 20 x 4.7	FLRQB5DN17M11	MERV 11

Table IAQ-3-C– QuikBox™ Replacement Filters

Perfect Fit Air Handler	Old Filter Part Number	Dimensions(in.) H x W x D	New Filter Part Number	Efficiency Rating
TFM215B0AH0	BAYFTAH21M2	22.7 x 20 x 4.7	FLRQB5AH21M11	MERV 11
TFM235B0AH0	BAYFTAH23M2	22.7 x 20 x 4.7	FLRQB5AH23M11	MERV 11
TFM250B0AH0	BAYFTAH25M2	23.2 x 20 x 4.7	FLRQB5AH25M11	MERV 11
New	N/A	17.75 x 20 x 4.7	FLRQB5AH16M11	MERV 11

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For complete equipment / combination assertions, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

Effective 1/1/18
14-1011-25

Perfect Fit™ Filter Accessories

Table IAQ-4-A — Furnace Cartridge Media

Model Number	Description	Qty.	Enclosure Used with	Shipping Weight
[illegible]	Expandable 5" Cartridge Media Filter	2 / Box	14 ½ - 24 ½ x 27	5

Table IAQ-4-B — Air Handler Cartridge Media

Model Number	Description	Qty.	Enclosure Used with	Shipping Weight
[illegible]	Expandable 5" Cartridge Media Filter	2 / Box	21 ½-29 x 27	5

Table IAQ-4-C — Furnace Frames

Model Number	Description	Qty.	Enclosure Used with	Shipping Weight
[illegible]	Expandable Media Filter	1 / Box	14 ½	5
[illegible]	Expandable Media Filter	1 / Box	17 ½	5
[illegible]	Expandable Media Filter	1 / Box	21	5
[illegible]	Expandable Media Filter	1 / Box	24 ½	5

Table IAQ-4-D — Air Handler Frames

Model Number	Description	Qty.	Enclosure Used with	Shipping Weight
[illegible]	Expandable Media Frame	1 / Box	24	5
[illegible]	Expandable Media Frame	1 / Box	27	5
[illegible]	Expandable Media Frame	1 / Box	28	5

[illegible]

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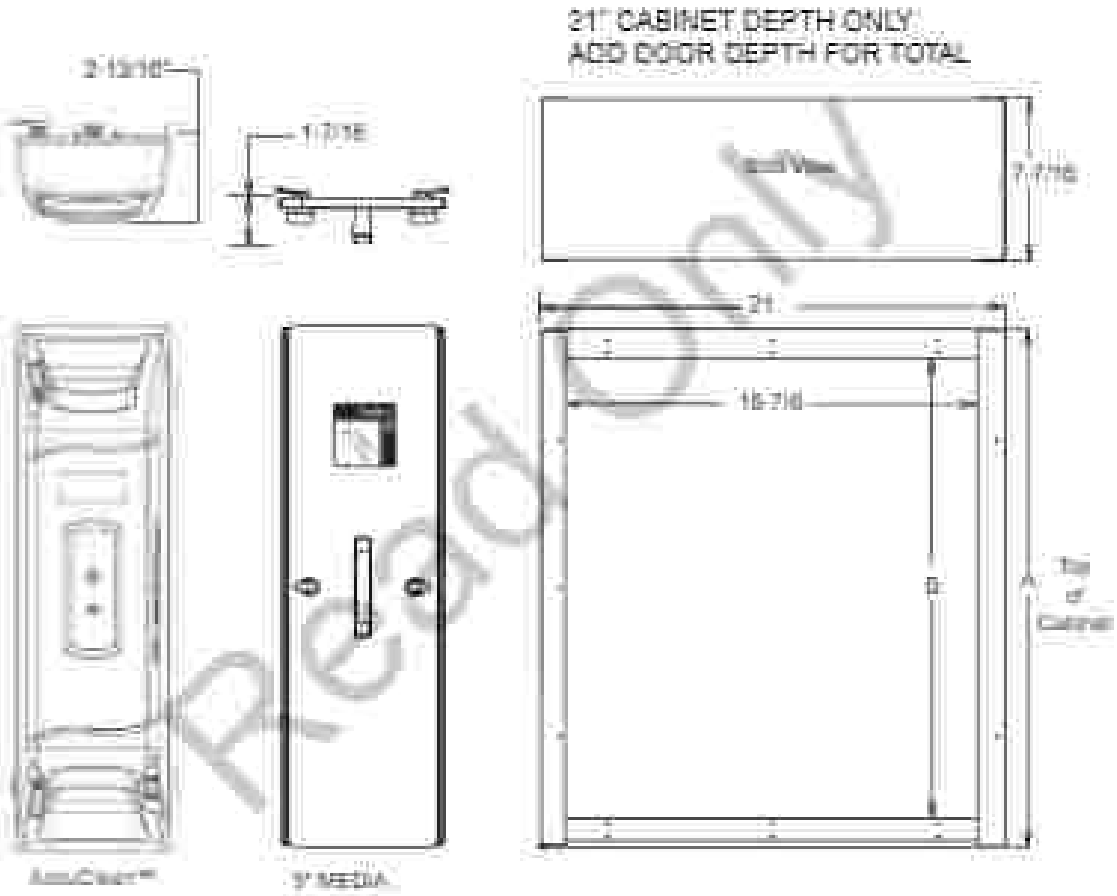
AccuClean™ Dimensions

Table IAQ-5-A — Air Handler Filters

	AIR HANDLER MODEL NUMBER	
#D Filter	A	B
AFD216	21½	15
AFD236	23¾	21
AFD260	26	23½

OUTLINE DRAWING AIR HANDLER MODELS



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AccuClean™ Dimensions

Table IAQ-6-A — Upflow Furnace Filters

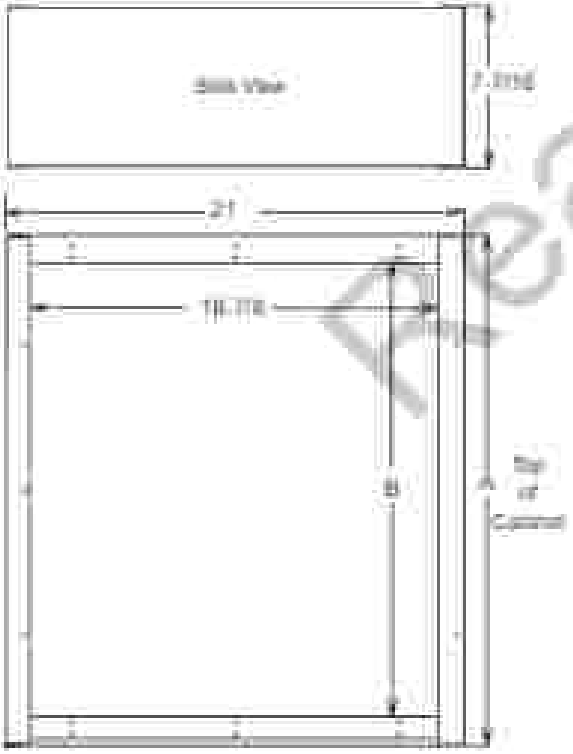
	FURNACE MODEL NUMBER	
ifD Filter	A	B
AFD14D	14 ½	12
AFD17D	17 ½	15
AFD21D	21	19 ½
AFD24D	24 ½	22

Table IAQ-6-B — Downflow Furnace Filters

	FURNACE MODEL NUMBER	
ifD Filter	A	B
AFD14D	14 ½	11 ½
AFD17D	17 ½	14 ½
AFD21D	21	19 ½
AFD24D	24 ½	21 ½

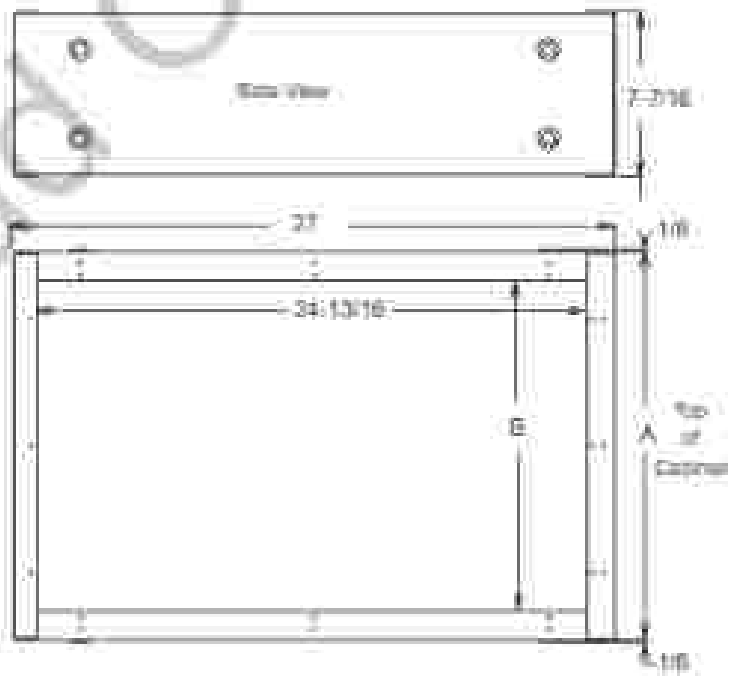
OUTLINE DRAWING
DOWNFLOW FURNACE MODELS

21" CABINET DEPTH ONLY
ADD DOOR DEPTH FOR TOTAL



OUTLINE DRAWING UPFLOW FURNACE MODELS

27" CABINET DEPTH ONLY
ADD DOOR DEPTH FOR TOTAL



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For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

Humidifiers
Steam

EHUMD800A SM00BA
EHUMD800B SMLCBA

EHUMD800A

- Electrode Type Steam Canister means fast, easy low cost maintenance.*
- Six Different Capacities in One Unit to satisfy any application from 11.5 gallons per day to 34.5 gallons per day.
- Automatic Shut Down after 72 hours of inactivity, unit will drain to eliminate standing water.
- Easy Mounting Flexibility to your existing duct work or can be remotely mounted.
- Choose Precise Relative Humidity % Settings based on your needs and outdoor conditions. Works with Nexia™ enabled control without the need for additional controls.
- Humidity "On Demand" uses your HVAC system blower to distribute humidified air throughout your home without a call for heating from your furnace or heat pump.
- Five-Year Standard Warranty includes all functional Parts. Limited Warranty available.
- All Inclusive Package means there is nothing else to purchase. Includes manual, humidistat and blower relay. Nexia-enabled control is optional.

*Canister needs a part

EHUMD800LC

- Electrode model 800LC Steam Humidifier is recommended for all 120v installations.
- Two Different Capacities at 11.5 gallons per day and 18 gallons per day.
- Comes with model HN43 LGBF Canister.
- Faster start-up and 20% more electricity surcharge than model 800 with 120v application.

Table IAQ-7-A — Steam Humidifier Models

Part Number	Part Description	Dimensions (W"xD"xH"	Weight (lbs)
EHUMD800ASM00B	Steam Humidifier w/ Manual Control	12.125 x 7.125 x 20.875	23
EHUMD800BSMLCBA	Steam Humidifier Low Conductivity w/ Manual Control	12.125 x 7.125 x 20.875	23

Table IAQ-7-B — Specifications: Humidifier with Humidistat

Conductivity	Chloride Cal	Hardness	Recommended Model (applies at 20°F/-6°)
75-100	2-3	Naturally Soft	Model 800LC
125-300	3-8	Naturally Soft	Model 800LC
300-500	8-13	Slightly Hard	Model 800
500-625	13-20	Moderately Hard	Model 800
625-800	20-25	Hard	Model 800
800-1000	22-35	Very Hard	Model 800
above 1200	above 35	Extremely Hard	Installation Not Recommended

Table IAQ-7-C — Accessories

Model Number	Description
8243EP	Canister, Rplc, 5-Pk, Sav's Pack
8243LCKP	Replacement Steam Canister Low Conductivity Model
8220EP	Humidistat, Manual, Sav's Pack
8220BP	Drain Trap Assy, Sav's Pack
8220FP	Air Flow Switch, Sav's Pack
8220HP	High Humidity Switch, Sav's Pack
8220RP	Condensate Pump Kit, Sav's Pack
8270	Compatible Automatic Humidifier Control, Basic Board

1. Most models recommended for 120VAC installations.
a. The Model 800LC and 800LC versions are recommended regardless of water conditions.

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For complete equipment / combination assistance, installation instructions and warranty information, please refer to Product Data Ratings and/or Installation Guides and Limited Warranty Handbooks.

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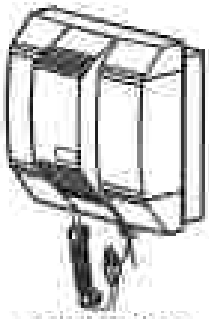
HEATING & AIR CONDITIONING

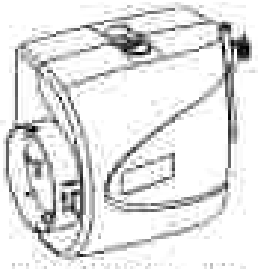
Humidifiers
Fan Powered and Bypass



AHUMD500A

AHUMD500A

- Flow Through Fan Powered Humidifier
- High Performance Humidifier Delivers up to 19 Gallons per Day
- Automatic Humidifier Control with O.D. Sensor for up to 50% more Humidity
- Front Cover Access for easy replacement of humidifier pad
- Aluminum Humidifier Pad Treated with Ceramic Coating for Enhanced Pad Performance
- Reliable Brass Solenoid Valve w/Stainless Steel Valve Seat
- UV Resistant Cabinet and Scale Control Insert
- Saddle Valve
- Polystyle Gray Housing matches Furnace Cabinet Color
- Decorative nameplate
- 120V Power Line Cord
- 110V Primary/24V Transformer



AHUMD200A, 300A

AHUMD200, 300A

- AHUMD300A Bypass delivers up to 17 Gallons per day
- AHUMD200A delivers up to 12 Gallons per day
- AHUMD300A Automatic Humidifier Control and O.D. Sensor for up to 50% more Humidity
- AHUMD200A Manual Humidifier Control
- UV Resistant Cabinet and Scale Control Insert
- Front Cover Access for easy replacement of humidifier pad
- Aluminum Humidifier Pad Treated with Ceramic Coating for Enhanced Pad Performance
- Reliable Brass Solenoid Valve w/Stainless Steel Valve Seat
- Front Connection Duct Connection, Left or Right Side
- Built in Summer / Winter Damper
- Saddle Valve
- Polystyle Gray Housing matches Furnace Cabinet Color
- Decorative nameplate
- 110V Primary/24V Secondary 15VA Transformer

Table IAQ-8-A — Specifications: Humidifier with Humidistat

Model Number	Description	Used With	Shipping Weight
AHUMD500A[illegible]	Fan Powered Humidifier	All Furnace Models	20
AHUMD500A[illegible]	Large Bypass Humidifier	All Furnace Models	15
AHUMD200A[illegible]	Small Bypass Humidifier	All Furnace Models	14

(1) Includes Automatic Humidifier Control, Duct Mount Cover
(2) Includes Automatic Humidifier Control, Duct Mount Cover and 120/24V transformer
(3) Includes Manual Humidifier Control with 120/24V transformer
(4) Not applicable for horizontal installations

Table IAQ-8-B — Accessories

Model Number	Description	Used With
BAYPRD32A1310A	Large Humidifier Pad 13"x19"	AHUMD500, 300A
BAYPRD01A1010A	Small Humidifier Pad 9-7/8"x9-5/8"	AHUMD200A
ACONTH03AAUTOA	Automatic Humidifier Control	AHUMD300A
BAYRLY10ASENSA	Current Sensing Relay	All
BAYPLT01AMHCOA	Adapter Plate (Duct Mount)	Manual Humidifier Control

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Indoor Air Quality

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

Effective 1/1/18
14-1513-35

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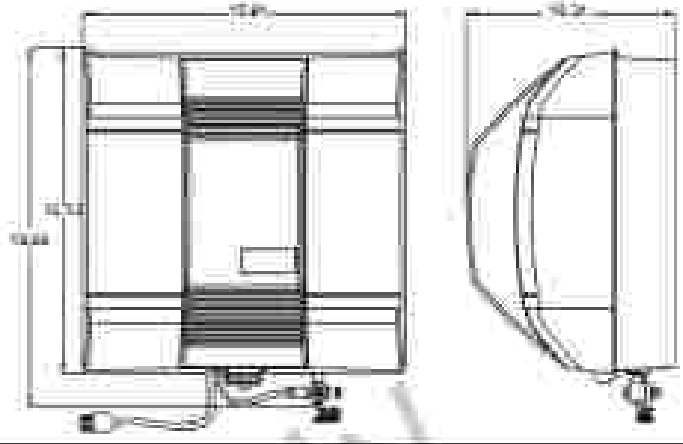
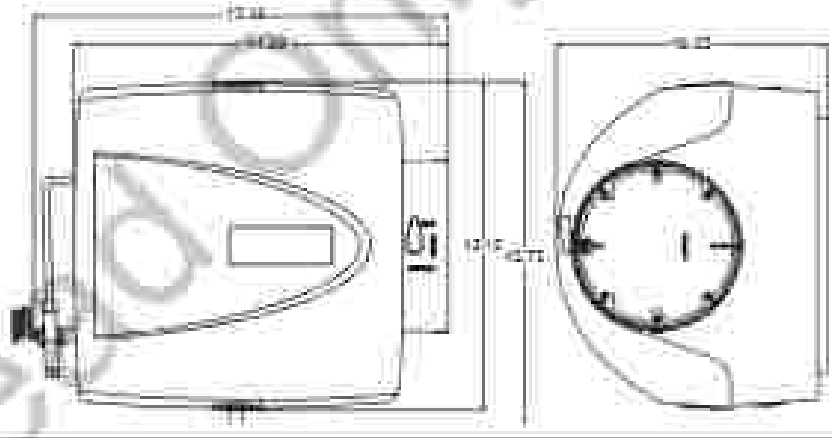
Humidifiers
Fan Powered and Bypass

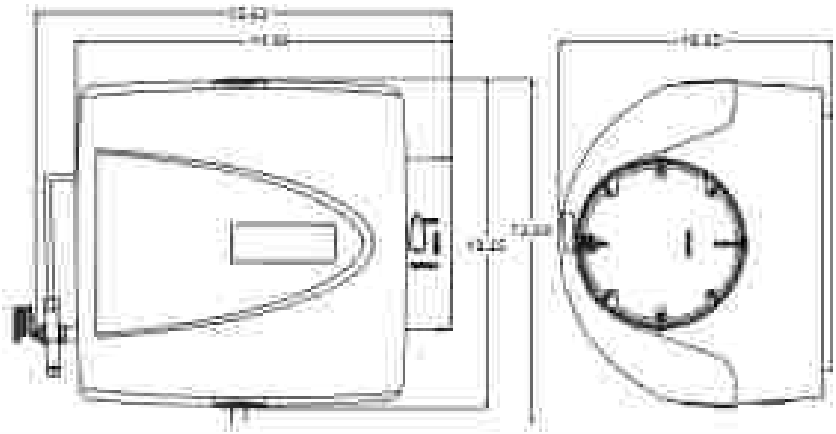
AHUMD500APA00C FAN POWERED HUMIDIFIER



AHUMD300ABA00B LARGE BYPASS HUMIDIFIER



AHUMD200ABM00B SMALL BYPASS HUMIDIFIER



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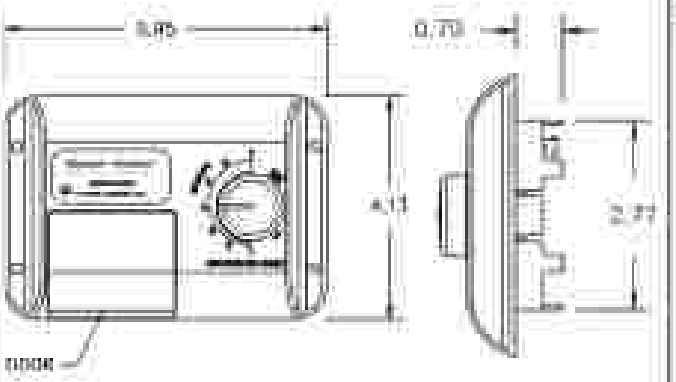
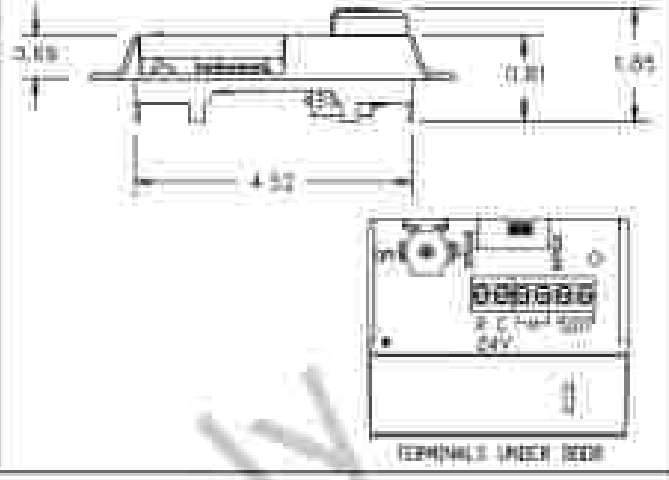
Humidifiers
Fan Powered and Bypass

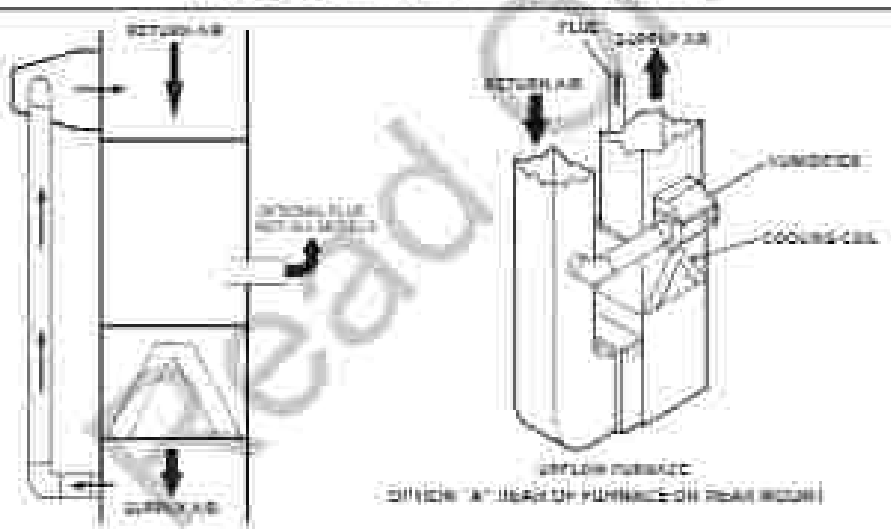
MANUAL HUMIDIFIER CONTROL
(SHIP WITH AHUMD200ABM00B)



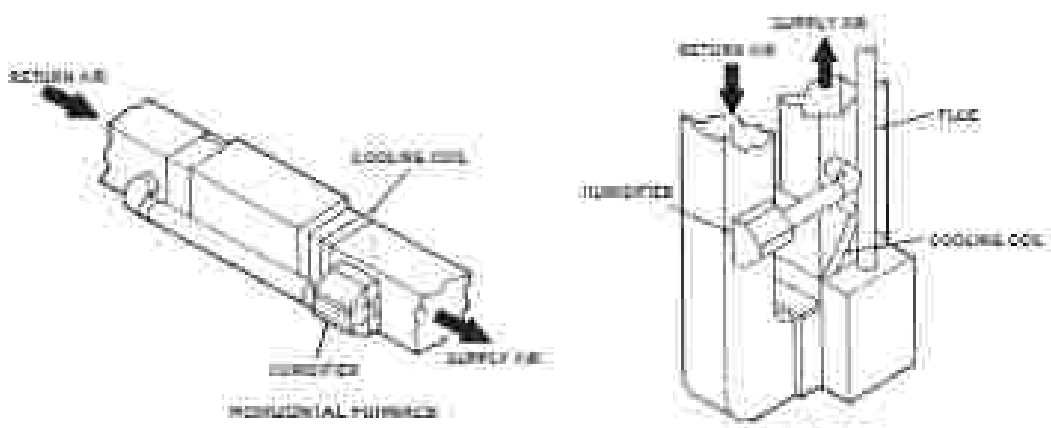
ACONTH03AAUTOA AUTOMATIC HUMIDIFIER CONTROL



SUGGESTED BYPASS HUMIDIFIER LOCATIONS



UPFLOW FURNACE
OPTION "A" (REAR OF FURNACE ON REAR MOUNT)



HORIZONTAL FURNACE

UPFLOW FURNACE
OPTION "B" (FRONT OF FURNACE ON FRONT MOUNT)

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For complete equipment / combination assertions, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installer's Guides and Limited Warranty Handbooks.

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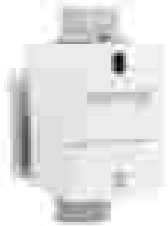
EnviroWise™ QF130V Inline Ventilator



EVENQF130V1NAAA

EVENQF130V

- Full ECM motor adjustable airflow from 45 to 130 cfm
- Programmable to prevent temperature and humidity extremes
- Includes MERV 8 filter for improved indoor air quality
- Quiet fan (.4 – 1.6 Sones) is virtually undetectable when operating
- "On / Off" switch on unit or controlled by 24V remote wired smart thermostat with ventilation software
- Compact design fits between framing members and comes with hanger bracket

Table IAQ-11-A — Specifications: EnviroWise™ QF130V Inline Ventilator

Part Number	Part Description	Dimensions - W"x D"x H"	Weight (lbs)
EVENQF130V1NAAA	Inline Ventilator Fan with Relay	15.75 x 12.75 x 23	18

Table IAQ-11-B — Accessories

Model Number	Description	Dimensions - W"x D"x H"	Weight (lbs)
E1600024	Heater Model EQH400	14.5 x 14 x 10.25	8.25
E1600023	Heater Model EQH500	14.5 x 14 x 10.25	8.25
E1600025	6" Motorized Damper	6.3 x 9.45 x 10.63	4.5
E1600001	6" Embedded Wall Cap	9 x 9 x 17	3
E1600123	2 Pack 10x10x2 Filter	10 x 10 x 4	0.85

EDHUM70V1H1MDA

EnviroWise™ QF70V Inline Ventilator

EDHUM70V

- 82.2 Compliant Ventilation with Dehumidification Control
- Controlled mechanical ventilation for humid climates, especially Climate Zones 1, 2, and 3
- Automatically turns on compressor when sensing air is above enthalpy set-point based on climate setting using on-board sensor
- Ventilation up to 120 cfm – sufficient for a ASR, 3000 sq. home
- May be ducted with 100% ventilation air, mixed with indoor air, or used as a ducted or stand-alone dehumidifier
- Standard with MERV 11 pleated filter for improved indoor air quality
- Optional dedicated D30 control or use one of our News (trademark) enabled Thermostats to control ventilation or dehumidification
- Up to 70 pinsider day for dehumidification or up to 50 pains of moisture/fit of outside air for ventilation

Table IAQ-11-C — Specifications: EnviroWise™ QF70V Inline Ventilator

Part Number	Part Description	Dimensions - W"x D"x H"	Weight (lbs)
EDHUM70V1H1MDA	Ventilating 70 Pint Dehumidifier	12 x 12 x 28 with Collars	58
		12 x 12 x 22 without Collars	54

Table IAQ-11-D — Accessories

Model Number	Description	Dimensions - W"x D"x H"	Efficiency Rating
E4037951	6" Motorized Damper		
E4037953	6" Gravity Damper (70)		
E4037969	Hang Kit, Small (70 & 58)		
E4037974	Filter Case (qty 4)	9"X11"X1"	MERV 11 (70)
E4037987	MERV 14 Filter Housing		
E4037993	Filter Case (qty 3)	20" X 24" X 4"	MERV 14 (Filter Housing)
E4037901	Condensate Pump Kit (70)		
E4037907	9" Inlet Hood		
E4037983	Filter Case (qty 12)	9"X11"X1"	MERV 11 (70)
E4037933	D30 Control		
E4037997	D30R Control w/ Remote		

For complete equipment / combination assertions, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

Effective 1/1/18
14-1011-25

Read Only

Energy Recovery Ventilator (ERV)

TERVR

- **American Standard** ERV technology for all seasons and climates
- Static plate energy transfer core for efficient transfer of heat and moisture
- Passive defrost - condensate drain not required
- Balancing dampers not required
- Multi position mounting
- Percent Timer (PT) control included with ERV for simple, automatic operation
- Optional Push Button (PB) control connects to PT control
- Pull-down door latches for core service access
- Heavy gauge, powder painted steel cabinet
- Permanently lubricated motor bearings (ball bearings)
- 6" and 8" round collar duct connections for TERVR100 and 200
- 8" round compatible duct connection for TERVR200
- Closed cell foam gasketing for insulation integrity
- 1" duct board insulation with peelable foil face
- May be installed in conditioned and unconditioned spaces
- Optional Door color: American Standard Polyester Gray
- **Basic Limited Warranty 5-years**
- **Registered Limited Warranty 10-years**
- **Optional extended warranty**

Table IAQ-12-A — Specifications: ERV

Model Number	Nominal Airflow (CFM)	Power Supply	Unit/Net Dimensions (in.) H x W x D	Shipping Weight
TERVR100A1P03BHT	100	120/1/60	20 ½ x 28½ x 13"	65
TERVR200A1P03BHD	200	120/1/60	20 ½ x 28½ x 23½	88
TERVR300A1P03BHD	300	120/1/60	20 ½ x 28½ x 23½	88

(1) Thermistor Timer Control included with the ERV.

Table IAQ-12-B — Specifications: ERV

Model Number	Sensible Recovery Effectiveness (0 °F)	Latent Recovery (32 °F)	Total Recovery (32 °F)
TERVR100A1P03B	72% @ 124 cfm	55% @ 124 cfm	63% @ 124 cfm
TERVR200A1P03B	75% @ 181 cfm	52% @ 181 cfm	63% @ 181 cfm
TERVR300A1P03B	70% @ 266 cfm	51% @ 266 cfm	62% @ 266 cfm

Table IAQ-12-C — Optional Accessories

Model Number	Description	Used With	Shipping Weight
TCONTCSPB01A	Point of Use Push Button Control	ERV models 100, 200, 300	1
TCR03118	Filters - 2 per pack	ERV models 100	1
TCR03119	Filters - 2 per pack	ERV models 200, 300	1
[illegible]	6 inch White Vinyl Ventilation Hood	ERV models 100, 200	1
[illegible]	8 inch Brown Vinyl Ventilation Hood	ERV models 100, 200	1
[illegible]	8 inch Galvanized Ventilation Hood	ERV models 300	2

(1) Qty. 1

Proof Only

For complete equipment / combination assembly, installation instructions and warranty information, please refer to Product Data/Ratings and/or Owner's Guides and Limited Warranty Handbooks.

BUILT TO A HIGHER STANDARD

American Standard

HEATING & AIR CONDITIONING

Conventional 24 Volt Connected Controls

GOLD 824
ACONT824AS52DA

NEXIA

ACONT824AS52DA

- Nexia™ Z-Wave Bridge Inside
- Connect over 200 Z-Wave devices (iii)
- WiFi or Ethernet connection
- Control from a smartphone, tablet, or computer (iii)
- 4.3" Color touchscreen
- 7 Day programmable with up to four schedules per day
- Five day weather forecast, weather radar, and weather alerts (i)
- Indoor relative humidity display
- Enhanced dehumidification (cooling)
- 2 Auxiliary dry contacts control 2 of the following: Whole house humidifier, dehumidifier, or ventilation system
- Test modes and alert diagnostics
- Screen access restrictions
- Nexia™ Diagnostics (i)
- Over-the-air software upgrade (i)
- Local software upgrade option
- Silver color
- Limited Warranty: 5 yr. base/10 yr. registered

Application:

- Conventional gas/electric, heat pump, and dual fuel systems
- Conventional boiler systems (forced air only)
- Conventional HVAC systems
- 2 Heat / 2 cool
- Heat Pump systems: Up to 5 stages heat / 2 stages cool (2 compressor heat - 3 auxiliary heat / 2 cooling)
- Heat Pump switchover valve: selectable "with cool or with heat"
- Remote wired indoor temperature sensor (optional) ZZSENSAL0400AA
- Remote wireless indoor temperature and humidity sensor (optional) ZZSENS830AW05MA
- Remote wired outdoor temperature sensor (optional) BAYSEN01ATEMPA
- PWM Circuit (BK terminal), controls indoor unit variable speed blower
- Wall cover plate BAYCOVR800A

Dimensions:

- Product: 5.43"w x 3.38"h x 1.30"d
- Display: 4.15"w x 2.65"h

SILVER 724
ACONT724AS42DA

NEXIA

ACONT724AS42DA (ii)

- Nexia™ compatible (iii)
- WiFi connectivity
- Control from a smartphone, tablet, or computer (iii)
- 4.3" diagonal black and white touchscreen
- 7 Day programmable with up to 4 schedules per day
- Humidity sensor and RH display
- Remote temperature sensor connections (1 indoor/1 outdoor)
- Auxiliary & compressor heat lockouts
- Auxiliary dry contact
- Enhanced dehumidification (cooling)
- PWM Circuit (BK terminal), controls indoor unit variable speed blower
- Energy Savings Mode (ESM)
- Screen lock and guest lock
- Service test modes
- Upgradable software
- Color: Designer Silver
- Limited Warranty: 1 yr. base/5 yr. registered

Application:

- Up to 4 Stages Heat/2 Stages Cool
- Conventional gas/electric, heat pump, and dual fuel systems
- Conventional boiler systems (baseboard & radiators)
- Remote wired indoor temperature sensor (optional): ZZSENSAL0400AA
- Remote wired outdoor temperature sensor (optional): BAYSEN01ATEMPA
- Wall cover plate BAYCOVR800A
- Nexia™ Bridge is required for control of Z-Wave devices and remote climate access. The Nexia™ Bridge is purchased separately. (iii)

Dimensions:

- Product: 5.9"w x 3.47"h x .95"d
- Display: 3.8"w x 2.2"h

(i) Requires internal service and Nexia™ smart home system registration.
(ii) Nexia™ remote climate access is included with the purchase for up to 4 Connected Controls per home. Adding accessories or additional controls to your Nexia™ system may require a monthly subscription.
(iii) Available 2018

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

CCZS-1

Effective 1/1/18
14-1011-05

Comfort Controls/Zone Sensors

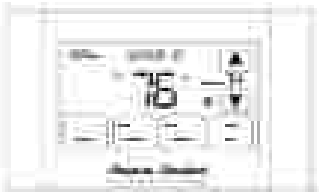
Read Only

BUILT TO A HIGHER STANDARD

American Standard

HEATING & AIR CONDITIONING

Conventional 24 Volt Connected Controls



SILVER 624
ACONT624AS42DA

NEXIA

ACONT624AS42DA

- Nexia™ compatible
- Z-wave connectivity
- Control from a smartphone, tablet, or computer (1)(2)
- 4.3" diagonal black and white touchscreen
- 7 Day programmable with up to 4 schedules per day
- Humidity sensor and R/H display
- Remote temperature sensor connections (1 indoor/1 outdoor)
- Auxiliary & compressor heat lockouts
- Auxiliary dry contact
- Enhanced dehumidification (cooling)
- Adjustable variable speed fan settings (PWM)
- Energy Savings Mode (ESM)
- Screen lock and guest lock
- Service test modes
- Upgradable software
- Silver color
- Limited Warranty: 1 yr. basic/3 yr. registered

Application:

- Up to 4 Stages Heat/2 Stages Cool
- Conventional gas/electric, heat pump, and dual fuel systems
- Conventional boiler systems (baseboard & radiators)
- Remote wired indoor temperature sensor (optional): ZZSENSAL0400AA
- Remote wired outdoor temperature sensor (optional): BAYSEN01ATEMPA
- Wall cover plate BAYCOVR800A
- Nexia™ Bridge is required for control of Z Wave devices and remote climate access. The Nexia™ Bridge is purchased separately.

Dimensions:

- Product: 5.9"w x 3.47"h x .95"d
- Display: 3.87"w x 2.3"h

Read Only

(1) Requires internet service and Nexia™ smart home system registration.
(2) Nexia™ remote climate access is included with the purchase for up to 4 Connected Controls per home. Adding accessories or additional controls to your Nexia™ system may require a monthly subscription. Remote access is via most web-enabled smartphones, tablets and computers.
(3) Requires Nexia™ Bridge.

For complete equipment / combination selection, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installer's Guides and Limited Warranty Handbooks.

Effective 1/1/18
14-1811-55

BUILT TO A HIGHER STANDARD.

American Standard

HEATING & AIR CONDITIONING

AccuLink™ Communicating Connected Controls

PLATINUM 1050
AZON1050AC52ZA

NEXIA

AZON1050AC52ZA

- Nexia™ Z-Wave Bridge Inside
- Connect over 200 Z-Wave devices(1)(2)
- Nexia™ Diagnostics ®
- WiFi or Ethernet connection
- Control from a smartphone, tablet, or computer (up)
- 7" diagonal color touchscreen
- 1 Touch Presets - Home, Away, Sleep
- 7 Day programmable with up to four schedules per day
- Customizable Home Screen
- Runtime History
- Allergy and Quick Clean Air Cycles
- Smart Continuous Fan
- Adjustable Continuous Airflow (35 60%)
- Screen access restrictions
- Dealer Contact Widget
- Service, Filter, Humidifier, UV Light, Air Cleaner Reminders
- Five day weather forecast, weather radar, and weather alerts(1)
- Indoor relative humidity display
- Test modes and start diagnostics
- Over the air Software Upgrade(1)
- Local Software Upgrade option
- Color: Designer Silver
- Limited Warranty: 5 yr. basic/10 yr. registered

Application:

- AccuComfort™ Variable Speed
- AccuLink™ II Two Stage Systems
- AccuLink™ II Zoning Systems
- AccuComfort™ Variable speed outdoor cooling or heat pump unit combined with S Series non-communicating variable speed furnace and "C" model Relay Panel
- Relay panel (BAYZHVRPS2DC) is required when applied with conventional systems (Gas Electric, Heat Pump, Dual Fuel, Boilers - forced air only)
- Relay Panel Supports:
  - Up to 3 stages heat, 2 stages cool
  - Connections for Remote indoor and outdoor temperature sensors
  - 3 Dry Auxiliary Contacts to control whole house humidifier, dehumidifier, or ventilation system
- Remote wired indoor temperature sensor (optional) ZSENSAL0400AA
- Remote wireless indoor temperature and humidity sensor (optional) ZSENS900AWSOMA
- Remote wired outdoor temperature sensor (optional) BAYSEN01ATEMFR

Dimensions:

- Product: 7.2"w x 4.5"h x 1.3"d
- Display: 6.1"w x 3.3"h

(1) Requires internet service and Nexia™ smart home system registration.
(2) Nexia™ remote access is included with the purchase for up to 4 Connected Controls per home. Adding accessories or additional controls to your Nexia™ system may require a monthly subscription. Remote access is via most web-enabled smartphones, tablets and computers.

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Pamphlets.

Effective 1/1/18
14-1011-05

Read Only

BUILT TO A HIGHER STANDARD

American Standard

HEATING & AIR CONDITIONING

AccuLink™ Communicating Connected Controls

PLATINUM 850
ACONT850AC52UA

NEXIA

ACONT850AC52UA

- Nexia™ Z-Wave Bridge
- Connect over 200 Z-Wave devices(1)
- WiFi or Ethernet connection
- Control from a smartphone, tablet, or computer (2)
- 4.3" diagonal color touchscreen
- Compatible with AccuLink™ communicating systems (variable speed and two stage)
- Compatible with conventional 24 volt HVAC, heating, heat pump, and dual fuel systems when used with accessory relay panel model BAY24VRPAC52DC
- 7 Day programmable with up to four schedules per day
- Five day weather forecast, weather radar, and weather alerts (3)
- Indoor relative humidity display
- Test modes and alert diagnostics
- Nexia™ Diagnostics (4)
- Over the air software upgrades (5)
- Local software upgrade option
- Silver color
- Wall cover plate BAYCOVR800A
- Limited Warranty: 5 yr. base/10 yr. registered

Application:

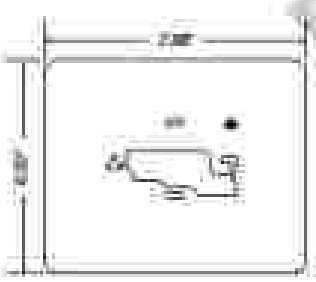
- AccuLink™ II communicating systems (variable speed and two stage)
- Variable speed outdoor cooling combined with S-Series non-communicating variable speed furnace and "C" model Relay Panel
- Conventional gas/electric, heat pump, dual fuel systems, or boiler systems (forced air only) with use of relay panel model BAY24VRPAC52DB. Relay panel controls up to 5 stages heat, 2 stages cool, remote indoor and outdoor connections, humidifier, dehumidifier, and ventilation system.
- Remote wired indoor temperature sensor (optional) ZZSENSAL0400AA
- Remote wireless indoor temperature and humidity sensor (optional): ZSENS830AW00MA
- Remote wired outdoor temperature sensor (optional) BAYSEN01ATEMPA

Dimensions:

- Product: 5.43"w x 3.39"h x 1.30"d
- Display: 4.15"w x 2.65"h

Read Only

Wall Cover Plate



BAYCOVR800A

BAYCOVR800A

Application:

- Use with ACONT624AS42DA, ACONT724AS42DA, ACONT824AS52DA, ACONT850AC52UA

Dimensions:

- 7.38" w x 6.00" h
- Finish: Silver

(1) Requires internal service and connection to Nexia™ smart home system.
(2) Nexia™ remote/mobile access is included with the purchase of up to 4 Connected Controls per home. Adding accessories to your Nexia™ system may require a monthly subscription. Its remote access via most web-enabled smartphones, tablets and computers.

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

CCZS-4

Effective 1/1/18
14-1011-35

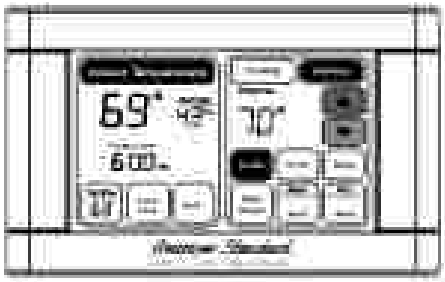
Comfort Controls/Zone Sensors

BUILT TO A HIGHER STANDARD

American Standard

HEATING & AIR CONDITIONING

Zoning Communicating Sensor with Display



AZONE940AC52ZA

AZONE940AC52ZA

- Compatible with ActiveLink™ Zoning Systems
- 3 Wire Communicating Zone Sensor
- 4.5" blackout touch screen black and white display
- Zone Mode - Heat/Cool/Auto
- Fan Mode - Auto/On
- Synchronizes with AZON1050 Real Time Clock
- Comfort Settings scheduled from AZON1050
- Zone Schedule Override
  - Permanent Hold
  - Temporary Override
- Pre Sets For Home, Away and Sleep
- 24V power
- Displays Zone Temperature & Relative Humidity
- Displays Outdoor Temperature & Outdoor Relative Humidity (if available on AZON1050)
- Clean Screen Function
- Keypad lock- enabled from AZON1050
- Fahrenheit or Celsius - enabled from AZON1050 (system level setting)

Dimensions:

- 6.5" width x 3.4" height x 1.1" depth

Storage Temperature:

- 40°F to 170°F, 0% - 95% RH

Operating Temperature:

- 32°F - 120°F, 5% - 90% RH non condensing

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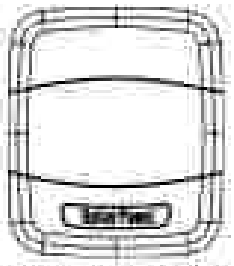
BUILT TO A HIGHER STANDARD

American Standard

HEATING & AIR CONDITIONING

Conventional 24 Volt HVAC System Interface Relay Panel for AccuLink™ Controls



BAY24VRPAC52DC

BAY24VRPAC52DC — With AUX Contact Control

- 5 Heat (Gas, Oil, Electric)/2 Cool/ Heat Pump/Dual Fuel
- Optional remote indoor temperature connection point
- Optional remote outdoor temperature connection point
- LED stage indicators
- Removable low voltage terminal blocks for easy service and replacement
- **AUX Contacts**
  - Whole-house Dehumidifier Control
  - Ventilation Control
  - Humidifier Control
- Relay Panel provides support for the following equipment combination:
  - Variable speed heat pump and cooling units
  - S-Series Non-communicating Variable Speed Furnace
  - ACONT850AC52UA or AZON1050AC52ZA

Dimensions:

- 8.0" width x 9.3" height x 1.9" depth

Storage Temperature:

- -40° to 175°F, 5% - 95% RH non-condensing

Operating Temperature:

- -40° to 150°F, 5% - 95% RH non-condensing

Read Only

Comfort Controls/Zone Sensors

For complete equipment / combination assertions, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

CCZS-6

Effective 1/1/15
14-1011-35

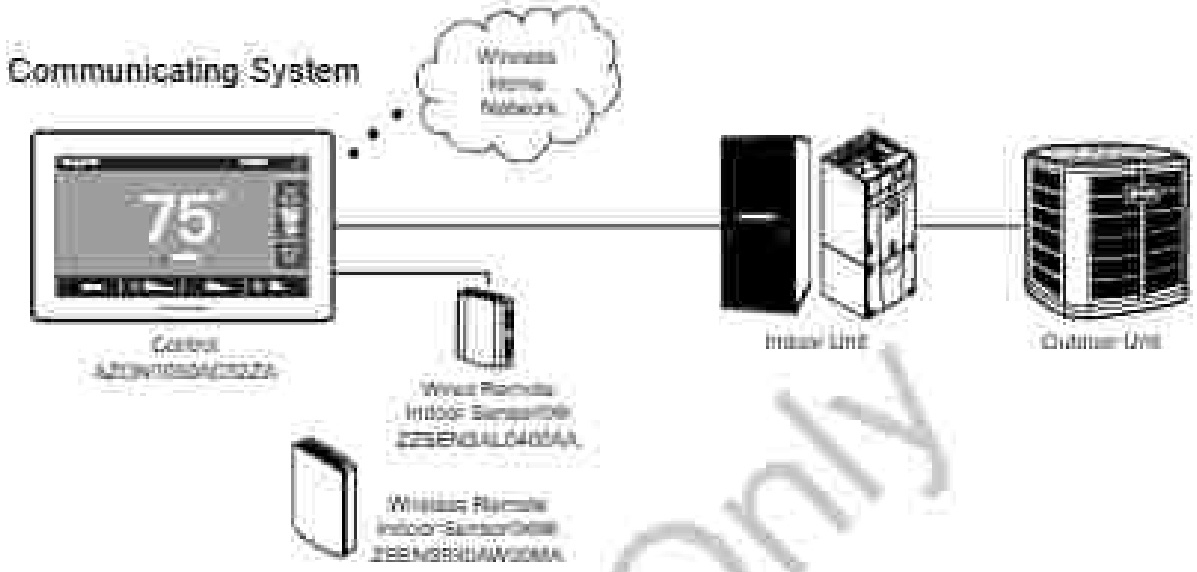
BUILT TO A HIGHER STANDARD

American Standard

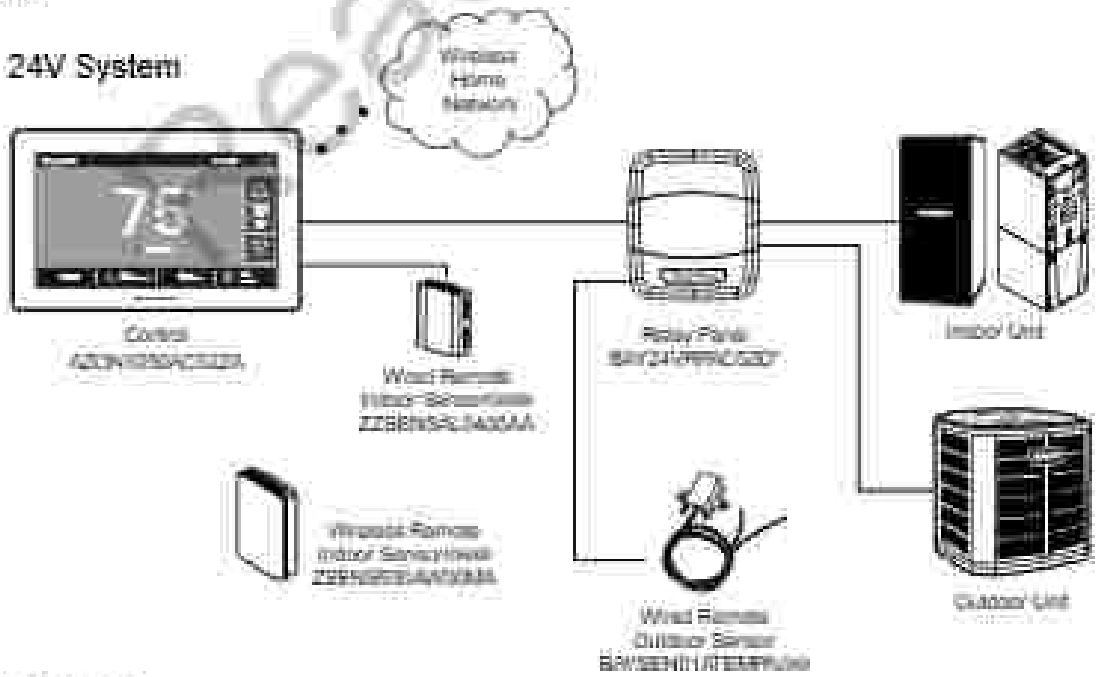
HEATING & AIR CONDITIONING

AccuLink™ Platinum 1050 Control Component Overview

Communicating System



24V System



(i) Optional Accessory
(ii) Can alternatively be connected to the Relay Panel
(iii) Can alternatively be connected to the 1050 Control
(iv) Z-wave sensor may be added to 1050 built in bridge
(v) Use one wireless or wired sensor per zone

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

CCZS-7

Effective 1/1/18
14-1011-05

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BUILT TO A HIGHER STANDARD

American Standard

HEATING & AIR CONDITIONING

AccuLink™ Zoning Assembly

ZZONEPNLAC52ZB

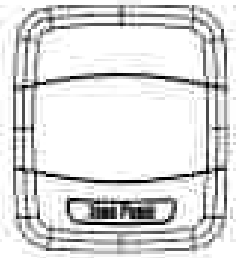
ZZONEPNLAC52ZB

American Standard Variable Speed Indoor Unit (Air handler/Gas Furnace) required.

Includes:

- Four Zone Communicating Zone Panel with discharge air sensor, static pressure transducer and housing, supply, return air static probes and connecting tubing, and three wiring blocks
- Automatically sets maximum CFM per zone
- Compatible with 24 volt systems with the addition of 24 volt relay panel
- Controls 24 volt power open, power close modulating dampers
- Auto detects installed dampers
- Supports 2-wire (ZZSENSAL0400AA) and 3-wire (AZONE940) zone sensors
- Adjustable damper motor travel times of 15 to 60 seconds
- Requires field supplied 24 volt power supply
- Up to four 1.5 VA dampers can be wired in parallel to each zone
- Backlit LCD display for easy setup and service
- Removable low voltage terminal blocks for easy service and replacement

AccuLink™ Zone Expander Panel (Required with more than 4 zones)



ZZONEEXPAC52ZB

ZZONEEXPAC52ZA*

- Expands the maximum number of zones per system to eight
- Controls 24 volt power open, power close modulating dampers
- Auto detects installed dampers
- Supports 2-wire (ZZSENSAL0400AA) and 3-wire (AZONE940) zone sensors
- Adjustable damper motor travel times of 15 to 60 seconds
- Requires field supplied 24 volt power supply

Dimensions:

- 8.0" width x 9.3" height x 1.9" depth

Storage Temperature:

- -40° to 175°F, 5% to 95% RH non-condensing

Operating Temperature:

- -40° to 150°F, 5% to 95% RH non-condensing

***This is the same Zone Panel that ships as part of the Zoning Assembly**

Retail Only

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

Effective 1/1/15
14-1011-35

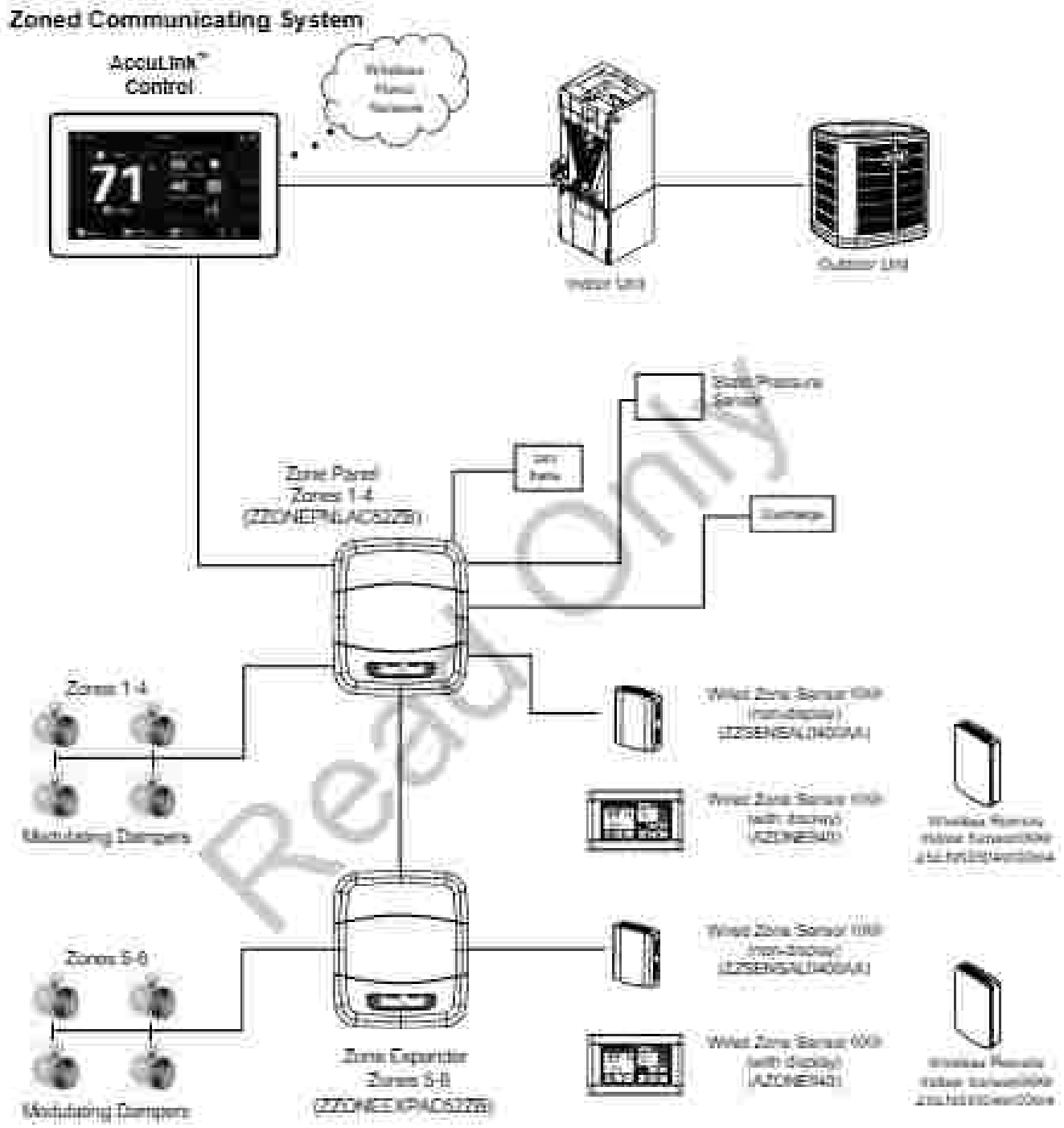
BUILT TO A HIGHER STANDARD

American Standard

HEATING & AIR CONDITIONING

AccuLink™ Zoning Component Overview

Zoned Communicating System



Read Only

Comfort Controls/Zone Sensors

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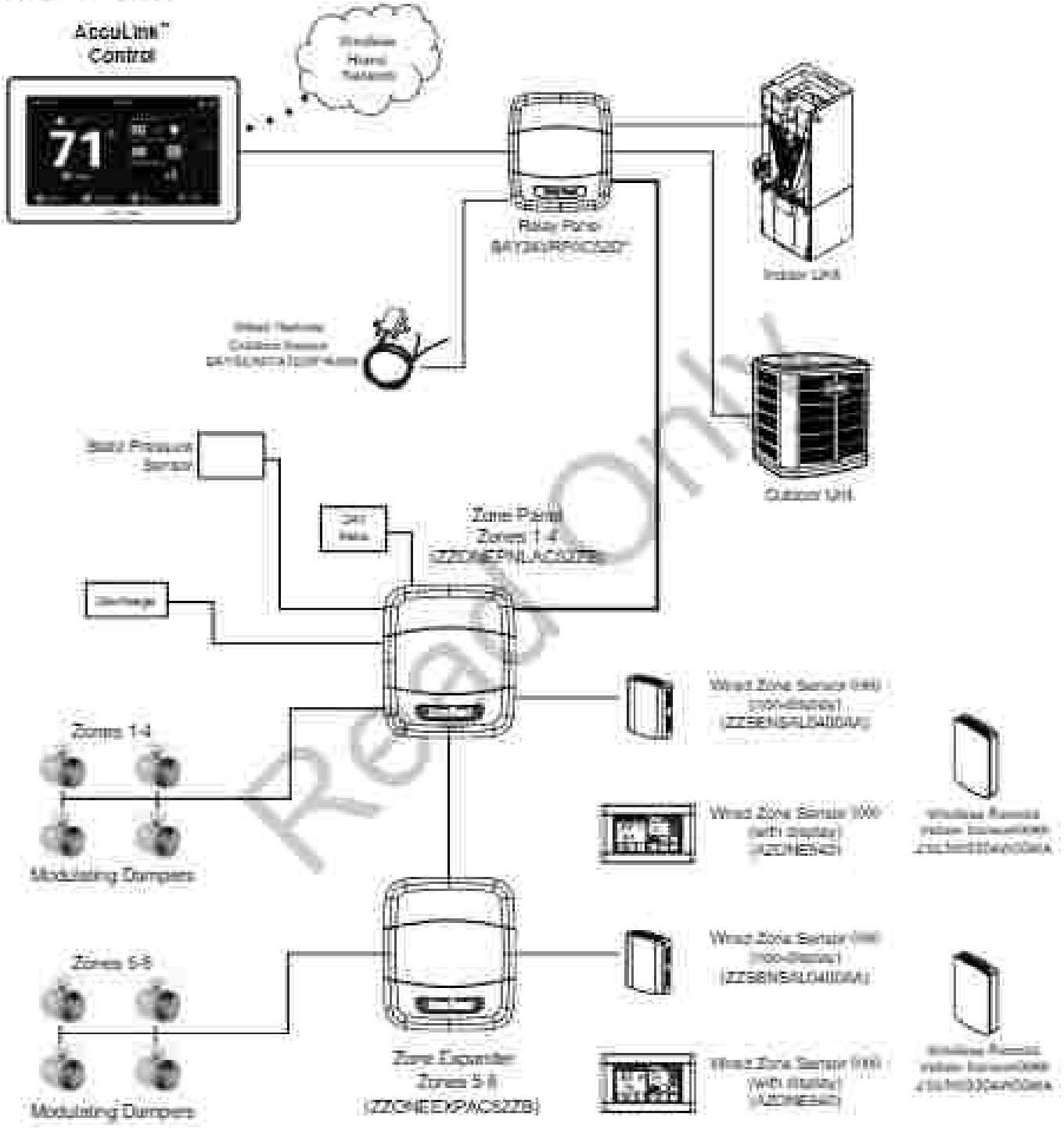
American Standard

HEATING & AIR CONDITIONING

AccuLink™ Zoning Component Overview (Cont.)

Zoned 24V System



(1) Up to four of the following mini-sensor options, one per zone, may be installed per zone panel or zone expander: A2ZNL540, ZZSENSAL400, or ZSLN0330.
(2) Can alternatively be connected to the Relay Panel.
(3) 2-wave sensor may be added to 1000 built-in bridge.
(4) Use one window or wired sensor per zone.

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

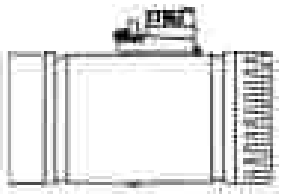
CCZB-10

Effective 1/1/18
14-1011-35

Comfort Controls/Zone Sensors

Read Only

24 Volt Modulating Dampers



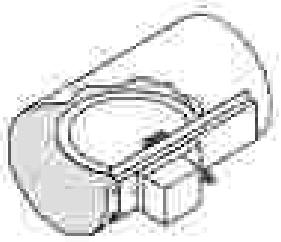
Round Dampers

Round Dampers

- 24 VAC Powered open/Powered closed
- Three wire connection - 18 gauge
- 1.5 VA damper actuator with 60 second travel time
- 15 in. lbs. of torque
- Manual gear release
- Screw terminal blocks
- Flexible shutoff seal provides 98% closure

Table CCZS-11-A — Specifications: Round Dampers

Model Number	Power Supply	Description	Fits Round Duct Size
CDAMPRDMA0004A	24 VAC	Round	4"
CDAMPRDMA0006A	24 VAC	Round	6"
CDAMPRDMA0007A	24 VAC	Round	7"
CDAMPRDMA0008A	24 VAC	Round	8"
CDAMPRDMA0009A	24 VAC	Round	9"
CDAMPRDMA0010A	24 VAC	Round	10"
CDAMPRDMA0012A	24 VAC	Round	12"
CDAMPRDMA0014A	24 VAC	Round	14"
CDAMPRDMA0016A	24 VAC	Round	16"
CDAMPRDMA0018A	24 VAC	Round	18"
CDAMPRDMA0020A	24 VAC	Round	20"



Retro-Fit Round Dampers

Retro-Fit Round Dampers

- 24 VAC Powered open/Powered closed
- Three wire connection - 18 gauge
- Slip In Design installs quickly
- 1.5 VA damper actuator with 60 second travel time
- 15 in. lbs. of torque
- Manual gear release
- Screw terminal blocks
- Flexible shutoff seal provides 98% closure

Table CCZS-11-B — Specifications: Retrofit Round Dampers

Model Number	Power Supply	Description	Fits Round Duct Size
CDAMPFRMA0004A	24 VAC	Retrofit Round	4"
CDAMPFRMA0006A	24 VAC	Retrofit Round	6"
CDAMPFRMA0008A	24 VAC	Retrofit Round	8"
CDAMPFRMA0007A	24 VAC	Retrofit Round	7"
CDAMPFRMA0008A	24 VAC	Retrofit Round	8"
CDAMPFRMA0009A	24 VAC	Retrofit Round	9"
CDAMPFRMA0010A	24 VAC	Retrofit Round	10"

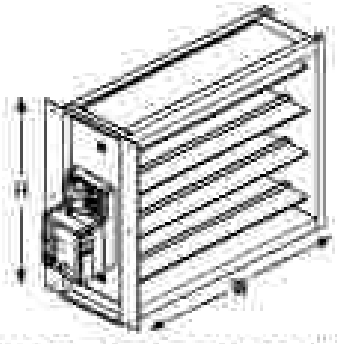
PROOF ONLY

BUILT TO A HIGHER STANDARD

American Standard

HEATING & AIR CONDITIONING

24 Volt Modulating Dampers - Side Mount



Rectangular Dampers with Side Mount Actuator

Rectangular Dampers with Side Mount Actuator

- 24 VAC Powered open/Powered closed
- Three wire connection - 18 gauge
- 1.6 VA damper actuator with 60 second travel time
- 16 in. lbs. of torque
- Manual gear release
- Screw terminal blocks
- 97% leak proof rating
- Sturdy aluminum blades and frame
- Motor is always located on the second dimension of the model number, i.e. ZDAMP*MMA1012A will have the motor mounted on the 12" dimension

Table CCZS-12-A — specifications: Rectangular Dampers with Side Mount Actuator

Model Number	Power Supply	Description	Unrated Dimensions (in.) W	H
ZDAMPSMMA0606A	24 VAC	Rectangular Side Mount Actuator	6	6
ZDAMPSMMA0608A	24 VAC	Rectangular Side Mount Actuator	6	8
ZDAMPSMMA0610A	24 VAC	Rectangular Side Mount Actuator	6	10
ZDAMPSMMA0612A	24 VAC	Rectangular Side Mount Actuator	6	12
ZDAMPSMMA0806A	24 VAC	Rectangular Side Mount Actuator	8	6
ZDAMPSMMA0808A	24 VAC	Rectangular Side Mount Actuator	8	8
ZDAMPSMMA0810A	24 VAC	Rectangular Side Mount Actuator	8	10
ZDAMPSMMA0812A	24 VAC	Rectangular Side Mount Actuator	8	12
ZDAMPSMMA1006A	24 VAC	Rectangular Side Mount Actuator	10	6
ZDAMPSMMA1008A	24 VAC	Rectangular Side Mount Actuator	10	8
ZDAMPSMMA1010A	24 VAC	Rectangular Side Mount Actuator	10	10
ZDAMPSMMA1012A	24 VAC	Rectangular Side Mount Actuator	10	12
ZDAMPSMMA1206A	24 VAC	Rectangular Side Mount Actuator	12	6
ZDAMPSMMA1208A	24 VAC	Rectangular Side Mount Actuator	12	8
ZDAMPSMMA1210A	24 VAC	Rectangular Side Mount Actuator	12	10
ZDAMPSMMA1212A	24 VAC	Rectangular Side Mount Actuator	12	12
ZDAMPSMMA1406A	24 VAC	Rectangular Side Mount Actuator	14	6
ZDAMPSMMA1408A	24 VAC	Rectangular Side Mount Actuator	14	8
ZDAMPSMMA1410A	24 VAC	Rectangular Side Mount Actuator	14	10
ZDAMPSMMA1412A	24 VAC	Rectangular Side Mount Actuator	14	12
ZDAMPSMMA1414A	24 VAC	Rectangular Side Mount Actuator	14	14
ZDAMPSMMA1506A	24 VAC	Rectangular Side Mount Actuator	15	6
ZDAMPSMMA1508A	24 VAC	Rectangular Side Mount Actuator	15	8
ZDAMPSMMA1510A	24 VAC	Rectangular Side Mount Actuator	15	10
ZDAMPSMMA1512A	24 VAC	Rectangular Side Mount Actuator	15	12
ZDAMPSMMA1514A	24 VAC	Rectangular Side Mount Actuator	15	14
ZDAMPSMMA1515A	24 VAC	Rectangular Side Mount Actuator	15	15
ZDAMPSMMA1806A	24 VAC	Rectangular Side Mount Actuator	18	6
ZDAMPSMMA1808A	24 VAC	Rectangular Side Mount Actuator	18	8
ZDAMPSMMA1810A	24 VAC	Rectangular Side Mount Actuator	18	10
ZDAMPSMMA1812A	24 VAC	Rectangular Side Mount Actuator	18	12
ZDAMPSMMA1814A	24 VAC	Rectangular Side Mount Actuator	18	14
ZDAMPSMMA1815A	24 VAC	Rectangular Side Mount Actuator	18	15
ZDAMPSMMA1818A	24 VAC	Rectangular Side Mount Actuator	18	18
ZDAMPSMMA2006A	24 VAC	Rectangular Side Mount Actuator	20	6
ZDAMPSMMA2008A	24 VAC	Rectangular Side Mount Actuator	20	8
ZDAMPSMMA2010A	24 VAC	Rectangular Side Mount Actuator	20	10
ZDAMPSMMA2012A	24 VAC	Rectangular Side Mount Actuator	20	12
ZDAMPSMMA2014A	24 VAC	Rectangular Side Mount Actuator	20	14
ZDAMPSMMA2015A	24 VAC	Rectangular Side Mount Actuator	20	15
ZDAMPSMMA2018A	24 VAC	Rectangular Side Mount Actuator	20	18
ZDAMPSMMA2020A	24 VAC	Rectangular Side Mount Actuator	20	20

Comfort Controls/Zone Sensors

24 Volt Modulating Dampers - Side Mount

Table CCZS-13-A — Specifications: Rectangular Dampers with Side Mount Actuator (continued)

Model Number	Power Supply	Description	Unrotated Dimensions (in.) W	H
ZDAMPSMMA2206A	24 VAC	Rectangular Side Mount Actuator	22	6
ZDAMPSMMA2208A	24 VAC	Rectangular Side Mount Actuator	22	8
ZDAMPSMMA2210A	24 VAC	Rectangular Side Mount Actuator	22	10
ZDAMPSMMA2212A	24 VAC	Rectangular Side Mount Actuator	22	12
ZDAMPSMMA2214A	24 VAC	Rectangular Side Mount Actuator	22	14
ZDAMPSMMA2216A	24 VAC	Rectangular Side Mount Actuator	22	16
ZDAMPSMMA2218A	24 VAC	Rectangular Side Mount Actuator	22	18
ZDAMPSMMA2220A	24 VAC	Rectangular Side Mount Actuator	22	20
ZDAMPSMMA2222A	24 VAC	Rectangular Side Mount Actuator	22	22
ZDAMPSMMA2406A	24 VAC	Rectangular Side Mount Actuator	24	6
ZDAMPSMMA2408A	24 VAC	Rectangular Side Mount Actuator	24	8
ZDAMPSMMA2410A	24 VAC	Rectangular Side Mount Actuator	24	10
ZDAMPSMMA2412A	24 VAC	Rectangular Side Mount Actuator	24	12
ZDAMPSMMA2414A	24 VAC	Rectangular Side Mount Actuator	24	14
ZDAMPSMMA2416A	24 VAC	Rectangular Side Mount Actuator	24	16
ZDAMPSMMA2418A	24 VAC	Rectangular Side Mount Actuator	24	18
ZDAMPSMMA2420A	24 VAC	Rectangular Side Mount Actuator	24	20
ZDAMPSMMA2422A	24 VAC	Rectangular Side Mount Actuator	24	22
ZDAMPSMMA2424A	24 VAC	Rectangular Side Mount Actuator	24	24
ZDAMPSMMA2606A	24 VAC	Rectangular Side Mount Actuator	26	6
ZDAMPSMMA2608A	24 VAC	Rectangular Side Mount Actuator	26	8
ZDAMPSMMA2610A	24 VAC	Rectangular Side Mount Actuator	26	10
ZDAMPSMMA2612A	24 VAC	Rectangular Side Mount Actuator	26	12
ZDAMPSMMA2614A	24 VAC	Rectangular Side Mount Actuator	26	14
ZDAMPSMMA2616A	24 VAC	Rectangular Side Mount Actuator	26	16
ZDAMPSMMA2618A	24 VAC	Rectangular Side Mount Actuator	26	18
ZDAMPSMMA2620A	24 VAC	Rectangular Side Mount Actuator	26	20
ZDAMPSMMA2622A	24 VAC	Rectangular Side Mount Actuator	26	22
ZDAMPSMMA2624A	24 VAC	Rectangular Side Mount Actuator	26	24
ZDAMPSMMA2806A	24 VAC	Rectangular Side Mount Actuator	28	6
ZDAMPSMMA2808A	24 VAC	Rectangular Side Mount Actuator	28	8
ZDAMPSMMA2810A	24 VAC	Rectangular Side Mount Actuator	28	10
ZDAMPSMMA2812A	24 VAC	Rectangular Side Mount Actuator	28	12
ZDAMPSMMA2814A	24 VAC	Rectangular Side Mount Actuator	28	14
ZDAMPSMMA2816A	24 VAC	Rectangular Side Mount Actuator	28	16
ZDAMPSMMA2818A	24 VAC	Rectangular Side Mount Actuator	28	18
ZDAMPSMMA2820A	24 VAC	Rectangular Side Mount Actuator	28	20
ZDAMPSMMA2822A	24 VAC	Rectangular Side Mount Actuator	28	22
ZDAMPSMMA2824A	24 VAC	Rectangular Side Mount Actuator	28	24
ZDAMPSMMA3006A	24 VAC	Rectangular Side Mount Actuator	30	6
ZDAMPSMMA3008A	24 VAC	Rectangular Side Mount Actuator	30	8
ZDAMPSMMA3010A	24 VAC	Rectangular Side Mount Actuator	30	10
ZDAMPSMMA3012A	24 VAC	Rectangular Side Mount Actuator	30	12
ZDAMPSMMA3014A	24 VAC	Rectangular Side Mount Actuator	30	14
ZDAMPSMMA3016A	24 VAC	Rectangular Side Mount Actuator	30	16
ZDAMPSMMA3018A	24 VAC	Rectangular Side Mount Actuator	30	18
ZDAMPSMMA3020A	24 VAC	Rectangular Side Mount Actuator	30	20
ZDAMPSMMA3022A	24 VAC	Rectangular Side Mount Actuator	30	22
ZDAMPSMMA3024A	24 VAC	Rectangular Side Mount Actuator	30	24
ZDAMPSMMA3206A	24 VAC	Rectangular Side Mount Actuator	32	6
ZDAMPSMMA3208A	24 VAC	Rectangular Side Mount Actuator	32	8
ZDAMPSMMA3210A	24 VAC	Rectangular Side Mount Actuator	32	10

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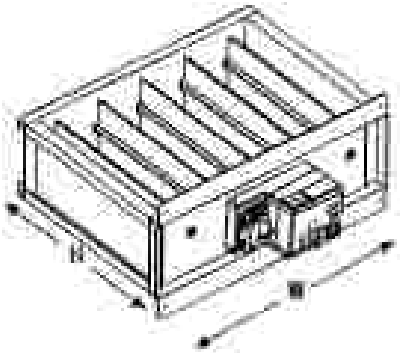
HEATING & AIR CONDITIONING

24 Volt Modulating Dampers - Bottom Mount



Rectangular Dampers with Bottom Mount Actuator

Rectangular Dampers with Bottom Mount Actuator

- 24 VAC Powered open/Powered close
- Three wire connection - 18 gauge
- 1.5 VA damper actuator with 40 second travel time
- 16 in. lbs. of torque
- Manual gear release
- Screw terminal blocks
- 57% less pinch rating
- Sturdy aluminum blades and frame
- Motor is always located on the second dimension of the model number, i.e. ZDAMPEMMA1012A will have the motor mounted on the 12" dimension

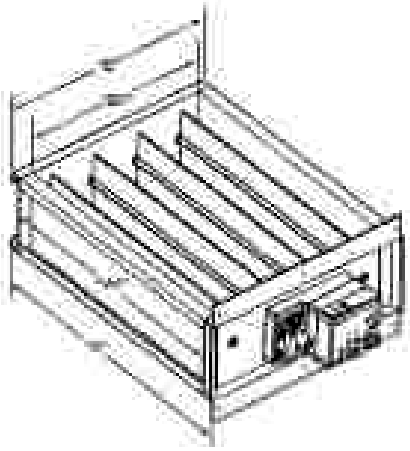
Table CCZS-14-A— Specifications: Rectangular Dampers with Bottom Mount Actuator

Model Number	Power Supply	Description	Damper Dimensions (in.) H	W
ZDAMPEMMA0806A	24 VAC	Rectangular Bottom Mount Actuator	8	06
ZDAMPEMMA0812A	24 VAC	Rectangular Bottom Mount Actuator	8	12
ZDAMPEMMA0814A	24 VAC	Rectangular Bottom Mount Actuator	8	14
ZDAMPEMMA0816A	24 VAC	Rectangular Bottom Mount Actuator	8	16
ZDAMPEMMA0818A	24 VAC	Rectangular Bottom Mount Actuator	8	18
ZDAMPEMMA0820A	24 VAC	Rectangular Bottom Mount Actuator	8	20
ZDAMPEMMA0822A	24 VAC	Rectangular Bottom Mount Actuator	8	22
ZDAMPEMMA0824A	24 VAC	Rectangular Bottom Mount Actuator	8	24
ZDAMPEMMA0826A	24 VAC	Rectangular Bottom Mount Actuator	8	26
ZDAMPEMMA0828A	24 VAC	Rectangular Bottom Mount Actuator	8	28
ZDAMPEMMA0830A	24 VAC	Rectangular Bottom Mount Actuator	8	30
ZDAMPEMMA1012A	24 VAC	Rectangular Bottom Mount Actuator	10	12
ZDAMPEMMA1014A	24 VAC	Rectangular Bottom Mount Actuator	10	14
ZDAMPEMMA1016A	24 VAC	Rectangular Bottom Mount Actuator	10	16
ZDAMPEMMA1018A	24 VAC	Rectangular Bottom Mount Actuator	10	18
ZDAMPEMMA1020A	24 VAC	Rectangular Bottom Mount Actuator	10	20
ZDAMPEMMA1022A	24 VAC	Rectangular Bottom Mount Actuator	10	22
ZDAMPEMMA1024A	24 VAC	Rectangular Bottom Mount Actuator	10	24
ZDAMPEMMA1026A	24 VAC	Rectangular Bottom Mount Actuator	10	26
ZDAMPEMMA1028A	24 VAC	Rectangular Bottom Mount Actuator	10	28
ZDAMPEMMA1030A	24 VAC	Rectangular Bottom Mount Actuator	10	30
ZDAMPEMMA1212A	24 VAC	Rectangular Bottom Mount Actuator	12	12
ZDAMPEMMA1214A	24 VAC	Rectangular Bottom Mount Actuator	12	14
ZDAMPEMMA1216A	24 VAC	Rectangular Bottom Mount Actuator	12	16
ZDAMPEMMA1218A	24 VAC	Rectangular Bottom Mount Actuator	12	18
ZDAMPEMMA1220A	24 VAC	Rectangular Bottom Mount Actuator	12	20
ZDAMPEMMA1222A	24 VAC	Rectangular Bottom Mount Actuator	12	22
ZDAMPEMMA1224A	24 VAC	Rectangular Bottom Mount Actuator	12	24
ZDAMPEMMA1226A	24 VAC	Rectangular Bottom Mount Actuator	12	26
ZDAMPEMMA1228A	24 VAC	Rectangular Bottom Mount Actuator	12	28
ZDAMPEMMA1230A	24 VAC	Rectangular Bottom Mount Actuator	12	30
ZDAMPEMMA1414A	24 VAC	Rectangular Bottom Mount Actuator	14	14
ZDAMPEMMA1416A	24 VAC	Rectangular Bottom Mount Actuator	14	16
ZDAMPEMMA1418A	24 VAC	Rectangular Bottom Mount Actuator	14	18
ZDAMPEMMA1420A	24 VAC	Rectangular Bottom Mount Actuator	14	20
ZDAMPEMMA1422A	24 VAC	Rectangular Bottom Mount Actuator	14	22
ZDAMPEMMA1424A	24 VAC	Rectangular Bottom Mount Actuator	14	24
ZDAMPEMMA1426A	24 VAC	Rectangular Bottom Mount Actuator	14	26
ZDAMPEMMA1428A	24 VAC	Rectangular Bottom Mount Actuator	14	28
ZDAMPEMMA1430A	24 VAC	Rectangular Bottom Mount Actuator	14	30
ZDAMPEMMA1616A	24 VAC	Rectangular Bottom Mount Actuator	16	16
ZDAMPEMMA1618A	24 VAC	Rectangular Bottom Mount Actuator	16	18
ZDAMPEMMA1620A	24 VAC	Rectangular Bottom Mount Actuator	16	20
ZDAMPEMMA1622A	24 VAC	Rectangular Bottom Mount Actuator	16	22
ZDAMPEMMA1624A	24 VAC	Rectangular Bottom Mount Actuator	16	24
ZDAMPEMMA1626A	24 VAC	Rectangular Bottom Mount Actuator	16	26
ZDAMPEMMA1628A	24 VAC	Rectangular Bottom Mount Actuator	16	28
ZDAMPEMMA1630A	24 VAC	Rectangular Bottom Mount Actuator	16	30
ZDAMPEMMA1820A	24 VAC	Rectangular Bottom Mount Actuator	18	20
ZDAMPEMMA1822A	24 VAC	Rectangular Bottom Mount Actuator	18	22
ZDAMPEMMA1824A	24 VAC	Rectangular Bottom Mount Actuator	18	24
ZDAMPEMMA1826A	24 VAC	Rectangular Bottom Mount Actuator	18	26
ZDAMPEMMA2022A	24 VAC	Rectangular Bottom Mount Actuator	20	22
ZDAMPEMMA2024A	24 VAC	Rectangular Bottom Mount Actuator	20	24

PRELIMINARY

24 Volt Modulating Dampers

Table CCZS-15-A — Rectangular Damper Net Free Area



Listed Size	Actual Outside Size	Actual Inside Size	8	10	12	14	16	18	20	22	24	26	28	30	Listed Size High
															Act. Outside Size B
															Act. Inside Size B1
Wide	A	A1	2	2	4	5	6	7	8	9	10	11	12	13	No. of Blades
6															
8															
10															
12															
14															
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22															
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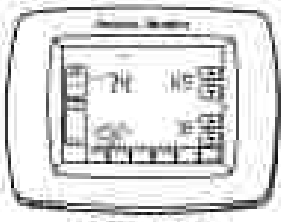
HEATING & AIR CONDITIONING

Programmable 7 Day Comfort Controls



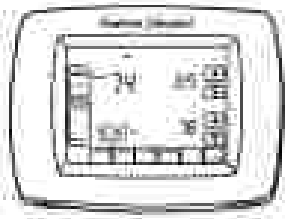
ACONT800A

ACONT800A S11AA

- Interactive Touchscreen
- Effortless Programming
- Large, Backlit Display
- Streamlined Design
- Armchair Programming
- Real Time Clock
- Visual Reminder Cues
- BAYCOVR600A - Wall cover plate
- Energy Saver

Application:
- 1 Heat/1 Cool (Gas, Oil or Electric)
- 1 Heat/0 Cool (Gas, Oil or Electric)
- 0 Heat/1 Cool
- ZZSENSAL0800AA - Remote Indoor Temperature Sensor

Dimensions:
- 6.02" w x 4.62" h x 1.36" d
- Finish: Bright White



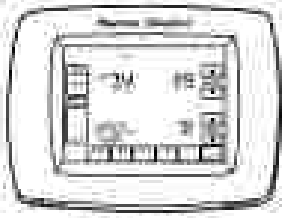
ACONT802A

ACONT802A S32DA

- Interactive Touchscreen
- Effortless Programming
- Large, Backlit Display
- Streamlined Design
- Armchair Programming
- Real Time Clock
- Visual Reminder Cues
- BAYCOVR600A - Wall cover plate
- Energy Saver

Application:
- Up to 3 Heat/2 Cool
- (Gas, Oil or Electric)/HP
- ZZSENSAL0800AA - Remote Indoor Temperature Sensor

Dimensions:
- 6.02" w x 4.62" h x 1.36" d
- Finish: Bright White



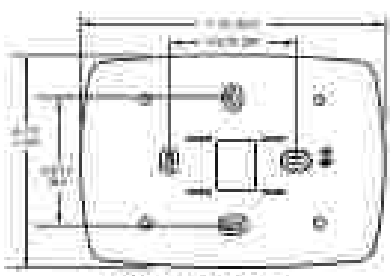
ACONT803A

ACONT803A S32DA

- Built-in Humidity Sensor
- Dehumidification Control
- Interactive Touchscreen
- Effortless Programming
- Large, Backlit Display
- Streamlined Design
- Armchair Programming
- Real Time Clock
- Visual Reminder Cues
- BAYCOVR600A - Wall cover plate
- Energy Saver

Application:
- Up to 3 Heat/2 Cool
- (Gas, Oil or Electric)/HP
- ZZSENSAL0800AA - Remote Indoor Temperature Sensor

Dimensions:
- 6.02" w x 4.62" h x 1.36" d
- Finish: Bright White



BAYCOVR600A

BAYCOVR600A

Application:
- Use with ACONT800/900A Series Comfort Controls

Dimensions:
- 7.87" w x 5.50" h
- Finish: Bright White

Retail Only

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

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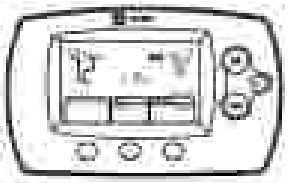
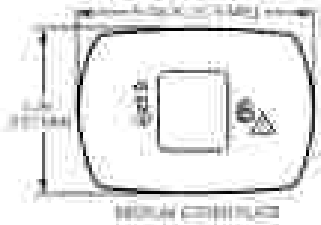
HEATING & AIR CONDITIONING

Programmable 5/2 Day Comfort Controls



ACONT600A



BAYCOVR700A

ACONT600AF11MA

1 Heat/1 Cool

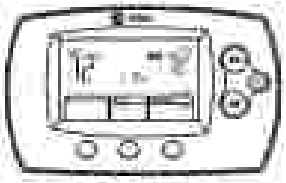
- 5/2 or 5/1/1 Programming
- Simple to Install and Use
- Front Wired (Wires attach to wall plates)
- Standard Wiring Terminal Block
- Easy to follow Sequential Programming
- Inside and set temperatures displayed simultaneously
- No auxiliary heat capability
- Plain language (no symbols)
- Easy battery access
- Easy to understand soft key controls
- BAYCOVR700A - Wall cover plate
- 6.87" w x 5.0" h
  Finish: Bright White

Application:

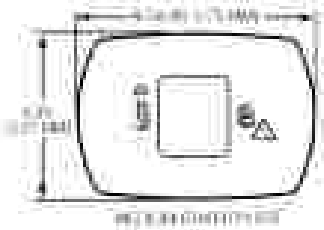
- 1 stage heat pump, 0 stage Aux Heat
- 1 stage cool, 1 stage heat (Gas, electric, or oil)
- 1 stage cool, 0 stage heat
- 0 stage cool, 1 stage heat (Gas, electric, or oil)

Dimensions:

- 5.81" w x 3.56" h x 1.50" d
- Finish: Bright White



ACONT602A



BAYCOVR700A

ACONT602AF22MA

2 Heat/2 Cool

- 5/2 or 5/1/1 Programming
- Simple to Install and Use
- Front Wired (Wires attach to wall plates)
- Standard Wiring Terminal Block
- Easy to follow Sequential Programming
- Inside and set temperatures displayed simultaneously
- Plain language (no symbols)
- Easy battery access
- Easy to understand soft key controls
- BAYCOVR700A - Wall cover plate
- 6.87" w x 5.0" h
- Finish: Bright White

Application:

- 1 stage cool, 1 stage heat
- 2 stage cool, 1 stage heat
- 1 stage cool, 2 stage heat
- 2 stage cool, 2 stage heat
- 1 stage cool, 0 stage heat
- 0 stage cool, 1 stage heat (Gas, electric, or oil)
- 1 stage heat pump, 0 stage Aux Heat
- 1 stage heat pump, 1 stage Aux Heat

Dimensions:

- 5.81" w x 3.56" h x 1.50" d
- Finish: Bright White

Reed Only

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

CCZS-17

Effective 1/1/18
14-1011-05

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HEATING & AIR CONDITIONING

Non-Programmable Comfort Controls

ACONT402A

ACONT402AN32DA

Auto Changeover
Backlit Display & Keys
Comfort Information Compartment
Energy Savings Mode
Filter Reminder
BAYSEN01ATEMPA Outdoor Temperature Sensor included*
Keypad Lock
Application (3 5 Wire Hookup - 2 for Outdoor Sensor) Heat Pump* or A/C
3 Heat/2 Cool
No external Dual Fuel Kit Required
Do not use with TAYPLUS103A
22SENSALG402AA - Remote Indoor Temperature Sensor

Dimensions:
6.75" w. x 4.52" h x 1.20" d
Finish: Bright White

* Requires external relay for oil furnace applications
* Installation is required for outdoor temperature sensing and display

ACONT401A

ACONT401AN21MA

Auto Changeover
Backlit Display & Keys
Comfort Information Compartment
Energy Savings Mode
Filter Reminder
Outdoor Temperature Sensor
Keypad Lock
Application (3/5 Wire Hookup - 2 for Outdoor Sensor) Heat Pump* or A/C**
1 Stage Heat Pump**, 1 Stage Aux Heat
1 Stage Heat Pump**, 0 Stage Aux Heat
1 Stage Cool, 2 Stage Heat (Gas, Electric or Oil*)
1 Stage Cool, 1 Stage Heat (Gas, Electric or Oil*)

1 Stage Cool, 0 Stage Heat
0 Stage Cool, 2 Stage Heat (Gas, Electric or Oil*)
0 Stage Cool, 1 Stage Heat (Gas, Electric or Oil*)

Dimensions:
6.75" w. x 4.52" h x 1.20" d
Finish: Bright White

* Requires external relay for oil furnace applications
** **External TAYPLUS163A required for dual fuel applications.** BAYSEN01ATEMPA required for outdoor temperature sensing and display

ACONT200A

ACONT200AN11AA (1)

Auto Changeover
Backlit Display & Keys
Comfort Information Compartment
Energy Savings Mode
Filter Reminder
Key Pad Lock

Application (4 wire hookup - power sheeting)*
1 Heat/1 Cool (Gas, Oil or electric)
1 Heat/0 Cool (Gas, Oil or electric)
0 Heat/1 Cool
Finish: Bright White

Dimensions:
4.25" w. x 5.33" h x 1.22" d

(1) Power Stealing 4 Wire - Resistor Settings in Slot 4 - now availed to supply power with heating cooler multi relations and be installed for proper operation.

Proof only

BUILT TO A HIGHER STANDARD

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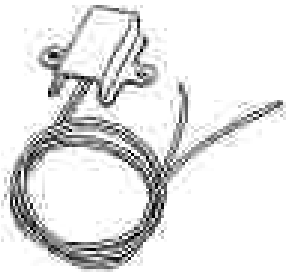
HEATING & AIR CONDITIONING

Remote Sensors

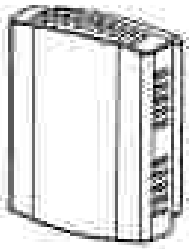
BAY SEN02ATEMPA

- Outdoor Temperature Sensor for use with ACONT800, 802, 803
- Accuracy +/- 1°F from -40 to 120°F



BAY SEN01ATEMPA

- Outdoor Temperature Sensor for use with AZON1050AC, AZONE950AC, ACONT850AC, ACONT824AS, ACONT624AS, ACONT402AN, ACONT401AN, BAY24VRPAC52D*.
- Accuracy
- +/- 1.5°F over 32°F to 100°F
- Display Range:
- -40°F to 140°F



ZZ SEN SAL0400AA

- Indoor Wired Sensor for use with AZON1050AC, AZONE950AC, ACONT850AC, ACONT824AS, ACONT624AS, ACONT402AN, BAY24VRPAC52D*.
- Operating Ambient Temperature Range: 20° to 120°F (-6.7° to 48.9°C)
- Display Range: 20° to 120°F (-6.7° to 48.9°C)
- Sensor Accuracy: +/- .5°F at 75°F
- Operating Relative Humidity: 5% to 90% non-condensing

Dimensions in in. (mm):

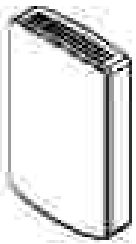
- 1.54 (39)w x 1.93 (49)h x .625 (1.6)d
- Storage Temperature: -40° to 140°F (-40° to 60°C)
- Finish: White

ZZ SEN SAL0800AA

- Indoor Wired Temperature Sensor for use with ACONT800, ACONT802, ACONT803
- Operating Ambient Temperature Range: 20° to 120°F (-6.7° to 48.9°C)
- Display Range: 0 to 99°F (-18 to 37°C)
- Sensor Accuracy: +/- 1.8°F at 70°F (+/- .84 at 21°C)
- Operating Relative Humidity: 5% to 95% non-condensing

Dimensions in in. (mm):

- 1.54 (39)w x 1.93 (49)h x .625 (16)d
- Storage Temperature: -40° to 140°F (-40° to 60°C)
- Finish: White



Z SEN S930AW00MA

- Indoor Wireless Temperature and Humidity Sensor for use with ACONT824, ACONT850, AZON1050
- Operating Ambient Temperature Range: 32° to 104°F (0° to 40°C)
- Power Supply: Two AAA alkaline batteries
- Sensor Accuracy: +/- 1°F over the sensing range of 32°F to 120°F (0° to 48.9°C)
- Operating Relative Humidity: 10% to 90% non-condensing

Dimensions in in. (mm):

- 2.0" (51)w x 3.25" (83)h x .6 (15)d
- Storage Temperature: -40° to 140°F (-40° to 65°C)
- Finish: White

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

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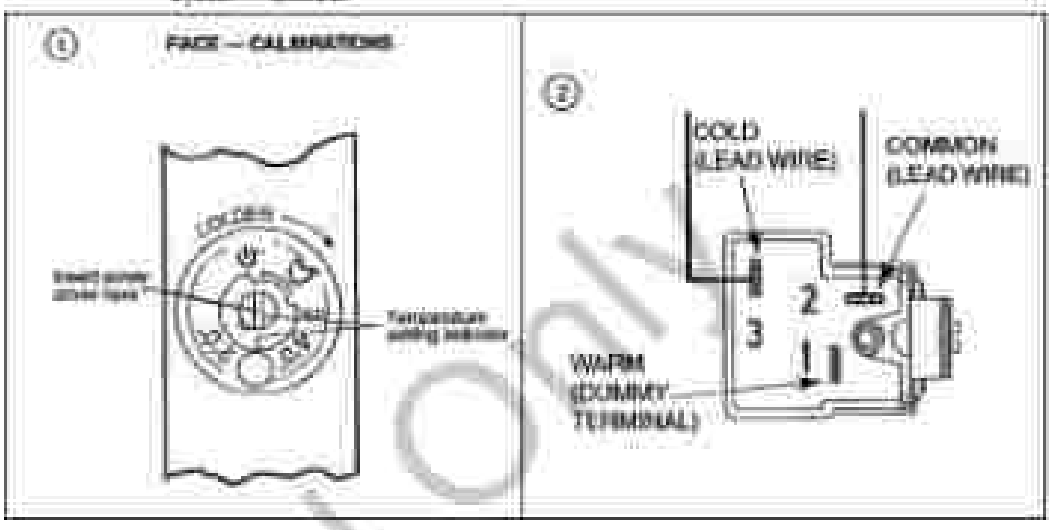
American Standard

HEATING & AIR CONDITIONING

Outdoor Thermostat Kit

TAY STAT 250E

- The outdoor thermostat (ODT) is designed to turn "ON" the supplementary heater at a pre-selected outdoor temperature.
- The number and setting of the ODT is dependent on the heat loss of the structure and capacity of the heating system installed.
- This model ODT gives a temperature range for 44°F to -10°F. (See figure 1 for settings). The switching action is single pole/double throw, opening on temperature rise and closing on temperature fall, completing the circuit through the thermostat.



Read Only

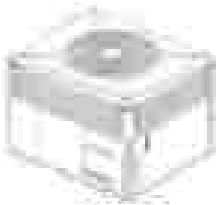
Comfort Controls/Zone Sensors

For complete equipment / combination assembly installation instructions and warranty information, please refer to Product Data/Ratings and/or Installer's Guides and Limited Warranty Handbooks.

Effective 1/1/15
14-1511-55

BUILT TO A HIGHER STANDARD
American Standard.
HEATING & AIR CONDITIONING

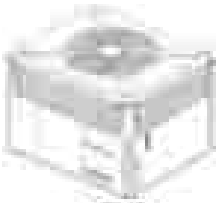
Packaged Cooling Convertible 2-5 Tons



4TCY5

Table PK-1-A — 4TCY5 - Gold 15 - Convertible Packaged Cooling - R-410A

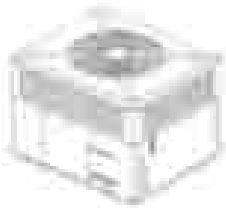
Model Number	Cooling Capacity (Btuh)	SEER/EER	Shipping Weight	MCA	Max Fuse	Sound Rating	Uncrated Dimensions (In.) H x D x W
4TCY5 - 208-230/1/60							
4TCY5024A1000A	23,800	13.00/12.00	388	18.4	35	65	36 x 42 x 45
4TCY5030A1000A	28,400	15.00/12.00	418	21.2	35	70	36 x 42 x 45
4TCY5036A1000A	34,200	15.00/12.00	432	23.5	35	69	36 x 42 x 45
4TCY5042A1000A	40,500	15.00/12.00	547	28.6	45	71	36 x 45 x 55
4TCY5048A1000A	48,000	13.00/12.00	570	34.2	50	71	42 x 45 x 55
4TCY5060A1000A	57,500	15.00/11.40	582	44.4	60	73	42 x 45 x 55



4TCY4
(3-phase only)

Table PK-1-B — 4TCY4 - Gold 14 - Convertible Packaged Cooling - R-410A

Model Number	Cooling Capacity (Btuh)	SEER/EER	Shipping Weight	MCA	Max Fuse	Sound Rating	Uncrated Dimensions (In.) H x D x W
4TCY4 - 208-230/3/60							
4TCY4036B3000A	38,200	14.20/12.00	450	19.8	30	69	36 x 42 x 45
4TCY4048B3000A	48,000	14.30/11.90	607	26.4	40	72	36 x 45 x 55
4TCY4060A3000B	60,000	14.30/12.00	612	30.6	45	75	42 x 45 x 55



4TCC4

Table PK-1-C— 4TCC4 - Silver 14 - Convertible Packaged Cooling - R-410A

Model Number	Cooling Capacity (Btuh)	SEER/EER	Shipping Weight	MCA	Max Fuse	Sound Rating	Cabinet Dimensions (In.) H x D x W
4TCC4 - 208-230/1/60							
4TCC4024A1000A	24,600	14.00/12.00	432	19.1	30	67	36 x 42 x 45
4TCC4030A1000A	28,200	14.00/12.00	451	22.6	35	69	36 x 42 x 45
4TCC4036A1000A	37,000	14.00/12.00	453	24.5	45	69	36 x 42 x 45
4TCC4042A1000A	40,500	14.00/12.00	561	28.5	45	75	36 x 45 x 55
4TCC4048A1000A	48,500	14.00/11.00	557	32.8	50	73	40 x 45 x 55
4TCC4060A1000A	58,000	14.00/11.00	586	35.1	60	73	40 x 45 x 55

Read Only

For dimensional/outline drawings, please refer to Product Data.
For information on Roof Curbs, please refer to the Accessories/Information Tab.

For complete equipment / combination assertions, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

Effective 1/1/18
14-1014-25

BUILT TO A HIGHER STANDARD
American Standard.
HEATING & AIR CONDITIONING

Packaged Cooling Convertible 2-5 Tons

Table PK-2-A — Features	4TCY5 2-5	4TCY4 2-5	4TCC4 2-5
• SEER up to	13.00	14.25	14.00
• Exclusive **Duration™** high efficiency compressor with internal overload protection	✔	✔	✔
• Factory supplied charge	R-410A	R-410A	R-410A
• Composite **Vortex**® indoor blower	✔	✔	✔
• Direct drive, variable speed ECM blower motor **	✔	✔	—
• Direct drive, multi-speed ECM blower motor (high efficiency)*	—	—	✔
• All aluminum **Spine Fin™** outdoor coil	✔	✔	✔
• Swept-blade outdoor fan for quiet operation	✔	✔	✔
• Architecturally integrated louvers and corner guards	✔	✔	—
• All steel louvers	—	—	✔
• Polyester gray cabinet	✔	✔	✔
• Single stage cooling	2-3½	✔	✔
• Two stage cooling	4, 5	—	—
• High pressure cutout	✔	✔	✔
• Low pressure cutout	✔	✔	✔
• Liquid line filter - factory installed	✔	✔	✔
• Non-fixed expansion valves on indoor coil	✔	✔	✔
• Pressure tape, including liquid line tape, easily accessed and protected inside compressor compartment	✔	✔	✔
• Right side electrical service access for high and low voltage connections	✔	✔	✔
• Rugged steel basepan features deep drawn duct connections	✔	✔	✔
• Sleeply sealed composite manpan	✔	✔	✔
• Ships in horizontal configuration and converts quickly for downflow	✔	✔	✔
• Copper tube, aluminum fin indoor coil	3,4 & 5	✔	5
• All aluminum indoor coil	2, 2½, 3½	—	2-4
• All models are certified to UL 1995	✔	✔	✔
• **10-year compressor, 10-year coils & all other functional parts registered limited warranty (Residential Use)**(1)	✔	✔	✔
• **Extended warranties available**	✔	✔	✔

(1) Registered Limited (Remark) terms are available when you register within 60 days of installation. You can register online at americanstandard.com or by phone at 800-544-5555. Otherwise, Minimum Standard Heating & Air Conditioning's Base Limited (Remark) terms will apply. Base Limited (Remark) information on specific products can be found on ASDowerNet.com.
* Constant torque ECM (electronically commutated motor)
** Constant airflow ECM (electronically commutated motor)

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For dimensional/outline drawings, please refer to Product Data.
For information on Roof Curbs, please refer to the Accessories/Information Tab.

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

Effective 1/1/18
14-1811-35

Built to a Higher Standard.
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HEATING & AIR CONDITIONING

Packaged Cooling Convertible 2-5 Tons

Table PK-3-A—Accessories

Model Number	Description	Shipping Weight	4TCY5 2-5	4TCY4 3-5	4TCC4 2-5
BAYACCDOR1A	Hinged Filter Access Door(9)		2-3	3-5	2-3
BAYACCDOR2A	Hinged Filter Access Door(9)		4½-5	5½-5	5½-5
BAYACCEADP1A	Adapter Kit for Installation of AccuClean™ and 5" Media Filter (Horizontal)(9)	10	2-3	3	3-3
BAYACCEADP2A	Adapter Kit for Installation of AccuClean™ and 5" Media Filter (Horizontal)(9)	12	4½-5	5½-5	5½-5
BAYADAPS01A	Adapter Curb (Cabinet A/B)		2-3	2-3	2-3
BAYADAPS01A	Adapter Curb (Cabinet C)		2-3	2-3	2-3
BAYADAPS02A	Adapter Curb (Cabinet A/B)		3½-5	3½-5	3½-5
BAYADAPS02A	Adapter Curb (Cabinet C)		3½-5	3½-5	3½-5
BAYADAPS04A	Adapter Curb (Cabinet C)		4½-5	4½-5	5½-5
BAYASCT001	Anti-Short Cycle Timer(9)		✔	✔	—
BAYCCHT100A	Crankcase Heater (208V) (Scroll)		1½-5	1½-5	1½-5
BAYCCHT03A	Crankcase Heater (230V) (Scroll)		2-3	3	2-3
BAYCOVR11A	12" Duct Stimout (Covers Horizontal Ducts)(9)		2-4	3-5	2-5
BAYCOVR11A	18" Duct Stimout (Covers Horizontal Ducts)(9)		2-4	3-5	2-5
BAYCURB001A	Flat Roof Full Perimeter Curb (Insulated)	14	2-3	3	3-3
BAYCURB002A	Flat Roof Full Perimeter Curb (Insulated)	14	4½-5	5½-5	5½-5
BAYDMPR01A	2-Position Motorized Fresh Air Damper(2000CFM)		2-3	2-3	2-3
BAYDMPR02A	2-Position Motorized Fresh Air Damper(2000CFM)		4½-5	5½-5	5½-5
BAYECON101A	Economizer with Barometric Relief (Downflow)(2000CFM)	90	2-3	2-3	2-3
BAYECON102A	Economizer with Barometric Relief (Downflow)(2000CFM)	90	4½-5	5½-5	5½-5
BAYECON104AB	Economizer with Barometric Relief (Downflow)(2000CFM)	90	4-5	—	—
BAYECOND03A	Economizer (Horizontal)(2000CFM)	85	2-3	2-3	2-3
BAYECOND01A	Economizer (Horizontal)(2000CFM)	85	3½	5½-5	5½-5
BAYECOND04A	Economizer (Horizontal)(2000CFM)	85	4-5	—	—
BAYENTH001A	Enthalpy Control Kit(9)	2	✔	✔	✔
BAYERMN01A	Extreme Conditions Mounting Kit (Used on BAYCURB & BAYWHIP)		✔	✔	✔
BAYERMN02B	Extreme Conditions Mounting Kit (Used on BAYCURB)		✔	✔	✔
BAYERMN03A	Extreme Conditions Mounting Kit (Used on SAT Models)		✔	✔	✔
BAYFLTR01[1][2]	1-2" Filter Frame (requires one 16x20 filter which is ordered/stocked)(1)	9	2-3	3-5	3-3
BAYFLTR02[1][2]	1-2" Filter Frame (requires one 16x20 aeramic fab.) (Filter which are not included)(9)	9	3½-5	5½-5	5½-5
BAYLIFTCC2B	Lifting Lug Kit	5	✔	✔	✔
BAYLOAMS11A	Economizer Optional Control Kit		✔	✔	✔
BAYLOAMS15A	Low Ambient Control Kit	5	✔	✔	✔
BAYOSAH001A	Manual Fresh Air Damper(7)	5	2-3	2-3	2-3
BAYOSAH002A	Manual Fresh Air Damper(7)	8	4½-5	5½-5	5½-5
BAYSETK001A	Start Kit		✔	—	✔
BAYSGRD001A	18" Round Duct Adapter(9)	5	2-3	3-5	3-3
BAYSGRD002A	18" Round Duct Adapter(9)	5	2-5	3-5	2-5
BAYUTILT01E	Roof Curb Utility Extension Kit		2-3	2-3	2-3
BAYUTILT02E	Roof Curb Utility Extension Kit		4½-5	5½-5	5½-5

(1) When used, Filter Frame, when accessorized/stocked, will be a quantity of 1.
(2) Duty Cycle cannot be operated with accessorized.
(3) 2-Stage cooling control required when using accessorized.
(4) Control Logic with economizer, base module.
(5) BAYCOVR11A,11BA will not cover BAYSGRD002A applications.
(6) Does not consider fuel economy factor.
(7) Filter Depth will = 2½".
(8) 1-in non-condensing, two gas heating applications, the damper cannot vary when the OAT ambient is above 50° F.
(9) It is the designer/engineer/installer's responsibility to review product specifications and additional literature to insure optimal performance and compliance to codes.
(10) Temperature of water will be varying. Air heat exchanger to accompany and heat will maybe have to be reduced under certain conditions.
(11) BAYACCUDH1A replaces BAYFLTR11U & BAYELCUDH2A replaces BAYFLTR12U. They are not hardware compatible to BAYFLTR11U/12U.
(12) When using a BAYACCUDH2A, two 16x20 filters are required.

EXISTING CURB	NEW UNIT 4TCY4/E	USE BAYADAPS**A
BAYCURB001A	024-036	00
BAYCURB002A	042-060	02
BAYCURB003A	024-036	01
BAYCURB004A	042-060	03
BAYCURB005A	042-060	04

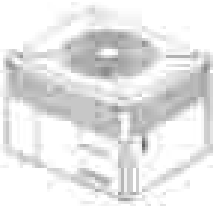
For dimensional/outline drawings, please refer to Product Data.
For information on Roof Curbs, please refer to the Accessories/Information Tab.

For complete equipment / combination applications, installation instructions and warranty information, please refer to Product Data Ratings and/or Installation Guides and Limited Warranty Handbooks.

Effective 1/1/18
4A-1814-3-EN

BUILT TO A HIGHER STANDARD
American Standard.
HEATING & AIR CONDITIONING

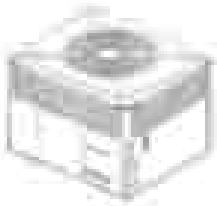
Packaged Hybrid/Dual Fuel Convertible 2-5 Tons



4DCZ6

Table PK-4-A — 4DCZ6 - Platinum 16 - Convertible Packaged Dual Fuel - R-410A

Model Number	Cooling Capacity (BTUH)	Gas Capacity Heating Output (1 Stg.0 Stg.)	SEER/EER	HSPF	AFUE(%)	Shipping Weight	MCA	Max Fuse	Sound Rating	Unrated Dimensions (in.) H x D x W
4DCZ6 - 208-230/1/60										
4DCZ6036C1070A	36,000	45,000/57,000	16.00/12.20	8.30	81.0	488	24.3	30	70	38 x 42 x 48
4DCZ6048C1090A	47,500	58,000/73,000	16.00/12.00	8.30	81.0	553	34.2	50	72	42 x 43 x 58
4DCZ6060C1115A	57,000	75,000/93,000	15.00/11.50	8.30	81.0	575	42.0	60	74	42 x 43 x 58
4DCZ6 - 208-230/3/60										
4DCZ6036B3075A	36,000	48,400/60,000	16.00/12.20	8.30	75.3	488	18.7	30	70	38 x 42 x 48
4DCZ6048B3095A	47,500	62,000/77,000	16.00/12.20	8.30	80.0	560	25.2	35	72	42 x 43 x 58
4DCZ6060B3120A	57,000	77,000/96,000	15.00/11.50	8.30	80.0	575	30.0	45	74	42 x 43 x 58



4DCY4

Table PK-4-B — 4DCY4 - Gold 14 - Convertible Packaged Dual Fuel - R-410A

Model Number	Cooling Capacity (BTUH)	Gas Capacity Heating Output (1 Stg.0 Stg.)	SEER/EER	HSPF	AFUE(%)	Shipping Weight	MCA	Max Fuse	Sound Rating	Unrated Dimensions (in.) H x D x W
4DCY4 - 208-230/1/60										
4DCY4024C1060A	23,000	30,000/45,000	14.00/12.00	8.00	81.0	481	16.1	25	68	38 x 42 x 48
4DCY4030C1070A	30,000	45,000/57,000	14.25/12.00	8.00	81.0	481	18.1	30	70	38 x 42 x 48
4DCY4036C1090A	35,000	55,000/45,000	14.00/12.00	8.00	81.0	481	16.1	25	68	38 x 42 x 48
4DCY4030B1070A	30,000	45,000/57,000	14.25/12.00	8.00	81.0	481	18.1	30	70	38 x 42 x 48
4DCY4036B1070A	37,000	45,000/57,000	14.00/12.00	8.00	81.0	488	25.2	40	69	38 x 42 x 48
4DCY4042C1090A	42,000	58,000/73,000	14.00/12.00	8.00	81.0	553	30.5	45	74	38 x 43 x 58
4DCY4048C1090A	47,500	58,000/73,000	14.00/12.00	8.00	81.0	553	34.5	50	73	42 x 43 x 58
4DCY4060C1115A	58,000	75,000/93,000	14.00/12.00	8.00	80.0	575	39.9	60	75	42 x 43 x 58
4DCY4 - 208-230/3/60										
4DCY4036B3075A	36,000	48,400/60,000	14.00/11.40	8.00	75.3	488	18.8	30	69	38 x 42 x 48
4DCY4048A3095C	47,000	62,000/77,000	14.00/11.50	8.00	80.0	553	28.4	40	73	42 x 43 x 58
4DCY4060A3120C	57,000	77,000/96,000	14.00/11.50	8.00	80.0	575	30.6	50	75	42 x 43 x 58

Read Only

For dimensional/outline drawings, please refer to Product Data.
For information on Roof Curbs, please refer to the Accessories/Information Tab.

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

Effective 1/1/18
14-1217-35

BUILT TO A HIGHER STANDARD
American Standard.
HEATING & AIR CONDITIONING

Packaged Hybrid/Dual Fuel Convertible 2-5 Tons

Table PK-5-4 — Features	4DCZ6 2-5	4DCY4 2-5
• SEER up to	18.00	14.20
• HSPF up to	8.50	8.00
• Exclusive **Duration™** high efficiency compressor with internal overload protection	✔	✔
• Factory supplied charge	R-410A	R-410A
• Composite **Vortise®** indoor blower	✔	✔
• Direct drive, variable speed ECM blower motor **	✔	✔
• All aluminum **Spine Fin™** outdoor coil	✔	✔
• Swept-blade outdoor fan for quiet operation	✔	✔
• Architecturally integrated louvers and corner guards	✔	✔
• Polyester gray cabinet	✔	✔
• Stainless steel heat exchanger and burners	✔	✔
• Single stage heating & cooling	—	✔
• Two stage heating & cooling	✔	—
• 3-stage gas	✔	✔
• Start kit - factory installed (single phase only)	—	2, 2½
• High pressure cutout	✔	✔
• Low pressure cutout	✔	✔
• Liquid line drier - factory installed	✔	✔
• Non-bleed expansion valves on indoor and outdoor coils	✔	✔
• Pressure taps, including liquid line taps, easily accessed and protected inside compressor compartment	✔	✔
• Right side electrical service access for high and low voltage connections	✔	✔
• Rugged steel beaspan features deep drawn duct connections	✔	✔
• Steeply sloped composite mainpan	✔	✔
• Ships in horizontal configuration and converts quickly for downflow	✔	✔
• Copper tube, aluminum fin indoor coil	✔	✔
• All models are certified to UL 1995	✔	✔
• **20-year heat exchanger, 12-year compressor, 10-year coils, & 10-year all other functional parts registered limited warranty (Residential Use)** (1)	✔	—
• **20-year heat exchanger, 10-year compressor, 10-year coils, & 10-year all other functional parts registered limited warranty (Residential Use)** (1)	—	✔
• **Extended Warranties Available**	✔	✔

(1) Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at americanstandardair.com or by phone at 800-354-6055 otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on 400warranties.com.

**Consent before ECM (electronically commutated motor).

Read Only

For dimensional/outline drawings, please refer to Product Data.
For information on Roof Curbs, please refer to the Accessories/Information Tab.

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HEATING & AIR CONDITIONING

Packaged Hybrid/Dual Fuel Convertible 2-5 Tons

Table PK-6-A — Accessories

Model Number	Description	Shipping Weight	4DCZ5 3-5	4DCY4 2-5
[illegible]	Hinged Filter Access Door(8)		2	2-7
[illegible]	Hinged Filter Access Door(8)		4-5	2½-3
[illegible]	Adaptor Kit for installation of Accu-Clean® and 2" Media Filter (Horizontal)(9)	75	2-2	2-2
[illegible]	Adaptor Kit for installation of Accu-Clean® and 2" Media Filter (Horizontal)(9)	75	2½-3	2½-3
[illegible]	Adaptor Curb (Cabinet A/B)		3	3-3
[illegible]	Adaptor Curb (Cabinet C)		3	3-3
[illegible]	Adaptor Curb (Cabinet A/B)		4-5	2½-3
[illegible]	Adaptor Curb (Cabinet C)		4-5	2½-3
[illegible]	Adaptor Curb (Cabinet D)		4-5	2½-3
[illegible]	Auto Door Cycle (Small)(7)		✔	✔
[illegible]	Condensate Heater (2.5W) (Recommended)		—	2-2½
[illegible]	Condensate Heater (2.5W) (Cond)		4-5	2½-3
[illegible]	Condensate Heater (5W) (Cond)		3	3
[illegible]	Condensate Heater (40W) (Cond)		4-5	—
[illegible]	Condensate Heater (40W) (Cond)		3	—
[illegible]	14" Duct Stand (Cabinet A/B)(8)		3-5	2½-3
[illegible]	18" Duct Stand (Cabinet C)(8)		3-5	2½-3
[illegible]	Flat Roof Full Perimeter Curb (Cabinet)(6)	4	3	2-3
[illegible]	Flat Roof Full Perimeter Curb (Cabinet)(6)	4	4-5	2½-3
[illegible]	Entablature Blockout (Cabinet[illegible])		3	2-3
[illegible]	Entablature Blockout (Cabinet[illegible])		4-5	2½-3
[illegible]	Economizer with Barometric Relief (Downflow)		—	2-3
[illegible]	Economizer with Barometric Relief (Downflow)		—	2½-3
[illegible]	Economizer with Barometric Relief (Downflow)	30	3	—
[illegible]	Economizer with Barometric Relief (Downflow)	30	4-5	—
[illegible]	Economizer (Horizontal)		—	2-3
[illegible]	Economizer (Horizontal)		—	2½-3
[illegible]	Economizer (Horizontal)	30	3	—
[illegible]	Economizer (Horizontal)	30	4-5	—
[illegible]	Unitary Controller	2	✔	✔
[illegible]	Universal Condensate Trapping Kit		✔	✔
[illegible]	Universal Condensate Trapping Kit		✔	✔
[illegible]	Universal Condensate Trapping Kit (cont'd)		✔	✔
[illegible]	14" Filter Frame(5)(Required one Required per unit)	4	3	2-3
[illegible]	14" Filter Frame(5)(Required one Required per unit) (no shroud)	4	4-5	2½-3
[illegible]	Lifting Lug Kit	2	✔	✔
[illegible]	Low Ambient Control Kit(4)	3	✔	✔
[illegible]	Economizer Hangers		—	✔
[illegible]	Economizer Hangers	1	✔	—
[illegible]	Outside Air Control for Use w/ Economizer(8)		24.5	—
[illegible]	Manual Fresh Air Damper(8)	4	3	2-3
[illegible]	Manual Fresh Air Damper(8)	4	4-5	2½-3
[illegible]	Start Kit		✔	✔
[illegible]	18" Round Duct Adapter(8)	3	3	2-3
[illegible]	16" Round Duct Adapter(8)	3	4-5	2-3
[illegible]	Roof Curb Extension Kit		3	2-3
[illegible]	Roof Curb Extension Kit		4-5	2½-3

EXISTING CURB	NEW UNIT 4WCC/DC**4	USE BABCOAP**8
BAYCURB0101A	C4CE0	30
BAYCURB0201BA	C4CE0	32
BAYCURB0301A	C4CE0	31
BAYCURB0301A	C4CE0	33
BAYCURB0401A	C4CE0	34

(1) Relay required with accessories on all heat pump applications.
(2) Must use filter rather than accessories/field air kit to clean.
(3) 2-y bulb control assembly with accessories.
(4) 2-Stage cooling control required when using accessories.
(5) It is the responsibility of the installing dealer to properly size the duct work for each specific application.
(6) BAYCURB0101A will not cover BAYCU[illegible]A applications.
(7) Does not contain thermostat wire.
(8) Uses fresh air - 25%.
(9) In non-condensate fan gas heating applications, the damper opens only when the OAT ambient is above 60° F.

(*) It is the designer/engineer/installer's responsibility to review product specifications and technical literature to ensure optimal performance and compliance to codes.
(**) Temperature of those air entering the heat exchanger is monitored and fixed as inlets may be restricted under certain conditions.
(***) BAYACCD0101A includes BAYTLDT0101B & BAYACCD0201A includes BAYTLDT0201B. They are not backward compatible to BAYTLDT0101B/D/A.
(****) BAYCSAD0701B is not compatible with BAYACCD0101A or BAYACCD0201A.
(*****) When using a BAYACCD0102A, two (BCD) floors are required.

For dimensional/outline drawings, please refer to Product Data.
For information on Roof Curbs, please refer to the Accessories/Information Tab.

For complete equipment / combination applications, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installation Guides and Limited Warranty Handbooks.

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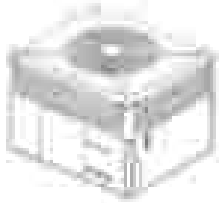
Packaged Heat Pump
Convertible 2-5 Tons



4WCZ6

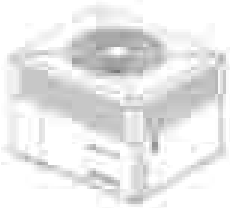
Table PK-7-A — 4WCZ6 - Platinum 16 - Convertible Packaged Heat Pump - R-410A

Model Number	Capacity	SEER	EER High/Low	HSPF	Shipping Weight	MCA	Max Fuse	Sound Rating	Uncrated Dimensions (in.) H x D x W
4WCZ6 – 208-230/1/60									
4WCZ[illegible]A1000A	24,000	16.00	12.50/11.50	9.20	442	19.5	30	67	38 x 42 x 49
4WCZ[illegible]B1000A	36,000	16.00	12.50/11.50	9.20	498	24.3	35	70	38 x 42 x 49
4WCZ[illegible]B1000A	47,000	15.50	12.50/11.50	9.00	507	34.2	50	72	42 x 45 x 53
4WCZ[illegible]B1000A	57,000	15.00	11.50/10.50	8.50	523	42.0	60	74	42 x 45 x 59
4WCZ9 – 208-230/1/60									
4WCZ[illegible]B1000A	36,000	16.00	12.50/11.50	9.20	498	19.7	30	70	38 x 42 x 49
4WCZ[illegible]B1000A	47,000	15.50	12.50/11.50	9.00	507	25.2	35	72	42 x 45 x 53
4WCZ[illegible]B1000A	57,000	15.00	11.50/10.50	8.50	523	33.0	45	74	42 x 45 x 59
4WCZ5 – 460/3/60									
4WCZ[illegible]B4000A	36,000	16.00	12.50/11.50	9.20	498	11.9	15	70	38 x 42 x 49
4WCZ[illegible]B4000A	47,000	15.50	12.50/11.50	9.00	507	15.3	20	72	42 x 45 x 53
4WCZ[illegible]B4000A	57,000	15.00	11.50/10.50	8.50	523	17.6	25	74	42 x 45 x 59

4WCY5

Table PK-7-B — 4WCY5 - Gold 15 - Convertible Packaged Heat Pump - R-410A

Model Number	Capacity	SEER/EER	HSPF	Shipping Weight	MCA	Max Fuse	Sound Rating	Uncrated Dimensions (in.) H x D x W
4WCY5 – 208-230/1/60								
4WCY[illegible]A1000A	24,000	15.00/12.50	9.20	423	19.1	30	69.1	38 x 42 x 49
4WCY[illegible]A1000A	30,000	15.00/12.50	9.20	430	23.8	35	70.0	38 x 42 x 49
4WCY[illegible]A1000A	36,000	15.00/12.50	9.20	498	24.7	40	95.4	38 x 42 x 49
4WCY[illegible]A1000A	41,000	15.00/12.50	9.40	507	28.6	45	72.3	38 x 45 x 55
4WCY[illegible]A1000A	47,000	15.00/12.50	9.40	507	34.3	50	72.3	42 x 45 x 55
4WCY[illegible]A1000A	57,000	15.00/11.50	8.50	523	42.0	60	74.0	42 x 45 x 59



4WCC4

Table PK-7-C — 4WCC4 - Silver 14 - Convertible Packaged Heat Pump - R-410A

Model Number	Capacity	SEER/EER	HSPF	Shipping Weight	MCA	Max Fuse	Sound Rating	Uncrated Dimensions (in.) H x D x W
4WCC4 – 208-230/1/60								
4WCC4[illegible]A1000A	24,000	14.00/12.00	8.00	488	19.1	30	68	38 x 42 x 49
4WCC4[illegible]A1000A	30,000	14.00/12.00	8.00	488	22.0	30	68	38 x 42 x 49
4WCC4[illegible]A1000A	36,000	14.00/12.00	8.00	488	24.4	40	68	38 x 42 x 49
4WCC4[illegible]A1000A	41,000	14.00/12.00	8.00	548	26.4	45	71	42 x 45 x 55
4WCC4[illegible]A1000A	48,000	14.00/12.00	8.00	329	31.1	50	72	42 x 45 x 55
4WCC4[illegible]A1000A	58,000	14.00/12.00	8.00	519	35.1	60	77	42 x 45 x 55

For dimensional/outline drawings, please refer to Product Data.
For information on Roof Curbs, please refer to the Accessories/Information Tab.

For complete equipment / combination specifications, installation instructions and warranty information, please refer to Product Data Ratings and/or Installation Guides and Limited Warranty Handbooks.

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HEATING & AIR CONDITIONING

Packaged Heat Pump Convertible 2-5 Tons

Table PK-2-A — Features	4WCZ6 2-5	4WCY5 2-5	4WCY4 2-5	4WCC4 2-5
• SEER up to	16.00	15.00	14.20	14.00
• HSPF up to	8.50	8.20	8.20	8.50
• Exclusive **Duration™** high efficiency compressor with internal pointed protection	✔	✔	✔	—
• Factory supplied charge	R-410A	R-410A	R-410A	R-410A
• Composite **Vortex®** indoor blower	✔	✔	✔	✔
• Direct drive, multi-speed ECM blower motor (high efficiency)*	—	—	—	✔
• Direct drive, variable speed ECM blower motor (*)	✔	✔	✔	—
• All aluminum **Spine Fin™** outdoor coil	✔	✔	✔	✔
• Swept-blade outdoor fan for quiet operation	✔	✔	✔	—
• Architecturally integrated louvers and corner guards	✔	✔	✔	—
• Polyolefin gray cabinet	✔	✔	✔	✔
• Single stage heating & cooling	—	2 - 3½	✔	✔
• Two stage heating & cooling	✔	4, 5	—	—
• Start kit - factory installed (single phase only)	—	2, 3½	—	—
• High pressure cutout	✔	✔	✔	✔
• Low pressure cutout	✔	✔	✔	✔
• Liquid line filter - factory installed	✔	✔	✔	✔
• Non-mixed expansion valves on indoor and outdoor coils	✔	✔	✔	✔
• Pressure taps, including liquid line taps, easily accessed and protected inside compressor compartment	✔	✔	✔	✔
• Right side electrical service access for high and low voltage connections	✔	✔	✔	✔
• Rugged steel beaspon features deep drawn duct connections	✔	✔	✔	✔
• Steeply sloped composite mompan	✔	✔	✔	✔
• Ships in horizontal configuration and converts quickly for downflow	✔	✔	✔	✔
• Copper tube, aluminum fin indoor coil	✔	✔	✔	✔
• All models are certified to UL 1995	✔	✔	✔	✔
• **10-year compressor, 10-year outdoor coil, & 10-year all other functional parts registered limited warranty (Residential Use)(1)**	—	✔	✔	✔
• **10-year compressor, 10-year outdoor coil, & 10-year all other functional parts registered limited warranty (Residential Use)(1)**	✔	—	—	—
• **Extended Warranties Available**	✔	✔	✔	✔

(1) Registered Limited Warranty works are available when you register within 60 days of installation. You can register online at americanstandardwater.com or by phone at 800-394-9075. Otherwise American Standard Heating & Air Conditioning Base Limited Warranty (once all apply Base Limited Warranty information on specific products can be found on ASUsetwhat.com.

*Consistent torque ECM (electronically commutated motor)

**Consistent airflow ECM (electronically commutated motor)

Read Only

For dimensional/outline drawings, please refer to Product Data.
For information on Roof Curbs, please refer to the Accessories/Information Tab.

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

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14-1213-35

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Packaged Heat Pump Convertible 2-5 Tons

Table PK-3-A — Accessories

Model Number	Description	Shipping Weight	4WCZ6 2-5	4WCY5 2-5	4WCY4 3-5	4WCC4 2-5
BAYACCUOM14	Hinged Filter Access Door(8)		2-3	2-3	3	2-3
BAYACCUOM24	Hinged Filter Access Door(8)		4-5	3½-5	3½-5	3½-5
BAYACCEADP14	Adaptor Kit for Installation of AccuClean™ and X Media Filter (Horizontal)(8)	13	2-3	2-3	3	2-3
BAYACCEADP24	Adaptor Kit for Installation of AccuClean™ and X Media Filter (Horizontal)(8)	14	3½-5	3½-5	3½-5	3½-5
BAYADAPT05A	Adaptor Curb (Cabinet A)(1)		2-3	2-3	3	2-3
BAYADAPT07A	Adaptor Curb (Cabinet D)		2-3	2-3	3	2-3
BAYADAPT09A	Adaptor Curb (Cabinet A)(1)		4-5	3½-5	3½-5	3½-5
BAYADAPT09B	Adaptor Curb (Cabinet C)		4-5	3½-5	3½-5	3½-5
BAYADAPT09C	Adaptor Curb (Cabinet D)		4-5	3½-5	3½-5	3½-5
BAYASCD01	Anti-Short Cycle Timer(2)		✔	✔	✔	✔
BAYCOH11D3A	Crankcase Heater (230V) (Small)		4-5	3½-5	3½-5	3½-5
BAYCOH11D3B	Crankcase Heater (230V) (Small)		2-3	2-3	3	2-3
BAYCOH14D4B	Crankcase Heater (460V) (Small)		4-5	—	—	—
BAYCOH14D5A	Crankcase Heater (460V) (Small)		5	—	—	—
BAYCOV11124	12" Duct Shroud (Covers Horizontal Ducts)(8)		3-5	2-3	3-5	2-3
BAYCOV11154	15" Duct Shroud (Covers Horizontal Ducts)(8)		3-5	2-3	3-5	2-3
BAYCUH05D3A	Electrical Kit (Tubewise Coils (Standard)	2	2-3	2-3	3	2-3
BAYCUH05D3B	Electrical Kit (Tubewise Coils (Insulated))	2	3-5	3½-5	3½-5	3½-5
BAYDEH11D1A	Air Position Electrical Damper(8)(Small)		2-3	2-3	3	2-3
BAYDEH11D2A	Air Position Electrical Damper(8)(Small)		4-5	3½-5	3½-5	3½-5
BAYECON11D1A	Economizer with Barometric Relief (Curb/Duct)(8)(Small)		—	2-3	2-3	2-3
BAYECON11D2A	Economizer with Barometric Relief (Curb/Duct)(8)(Small)		—	3½-5	3½-5	3½-5
BAYECON12D3A	Economizer with Barometric Relief (Curb/Duct)(8)(Small)		2-3	—	—	—
BAYECON12D4A	Economizer with Barometric Relief (Curb/Duct)(8)(Small)	25	4-5	—	—	—
BAYECON12D5A	Economizer (Horizontal)(8)(Small)		—	2-3	3	2-3
BAYECONV01A	Economizer (Horizontal)(8)(Small)		—	3½-5	3½-5	3½-5
BAYEUSHD01A	Enthalpy Control Kit(8)	2	✔	✔	✔	✔
BAYLEMP01A	Extreme Conditions Mounting Kit		✔	✔	✔	✔
BAYLEMP02A	Extreme Conditions Mounting Kit		✔	✔	✔	✔
BAYLEMP03A	Extreme Conditions Mounting Kit (Used on Side Mounts)		✔	✔	✔	✔
BAYLEVP01C	1/2" Filter Frame(Accepts one 16x25 Replace Media)(8)	6	2-3	2-3	2-3	2-3
BAYLEVP02C	1/2" Filter Frame(Accepts one 16x25 and one 16x20 Filter (not included))(8)	8	4-5	3½-5	3½-5	3½-5
BAYLIF10SS	Lifting Lug Kit	3	✔	✔	✔	✔
BAYLON01D3A	Low Ambient Control Kit	3	✔	✔	✔	✔
BAYRLA01D3A	Economizer Relay Kit	1	—	✔	✔	✔
BAYRLA01D5A	Economizer Relay Kit	1	✔	—	—	—
BAYTRAC01R	Trane Air Conditioning Clean Control		2-4.5	—	—	32
BAYCOMP01R	Replace Fresh Air Damper(8)	6	2-3	2-3	3	2-3
BAYTSAP03A	Replace Fresh Air Damper(8)	8	4-5	3½-5	3½-5	3½-5
BAYUDH03D3A	Start Kit		✔	✔	✔	✔
BAYSOV01E1A	16" Round Duct Adaptor(8)	3	2-3	2-3	2-3	2-3
BAYSOV01E2A	18" Round Duct Adaptor(8)	3	4-5	3-5	3-5	3-5
BAYCURB01A	Roof Curb Extension Kit		2-3	2-3	2-3	2-3
BAYCURB02A	Roof Curb Extension Kit		4-5	3½-5	3½-5	3½-5

(1) Needs required with accessories on all heat pump applications.
(2) Must use filter frame when accessories/heat go fill is used.
(3) Dry bulb control standard with economizer.
(4) 2-Stage cooling control required when using economizer.
(5) It is the responsibility of the installing dealer to properly size the ductwork for each specific application.
(6) BAYCOV11124A will not cover BAYDCH03D3A applications.
(7) Does not include barometric relief.
(8) Must touch air <20%.
(9) For non-condensing, low gas heating applications, the bleed gas valve will, when the 230 setpoint is above 55° F.
(10) It is the designer/engineer/installer's responsibility to ensure project specifications and ordinance sections to ensure optimal performance and compliance to codes.
(11) Temperature of screw-on soldering the heat exchanger is not Cupro and must be removed under certain conditions.
(12) BAYACCDM01A requires BAYFLEN15S & BAYACCDM02A requires BAYFLEN21S. They are not backward compatible to BAYFLEN15S/21S.
(13) BAYDSACC01S is not compatible with BAYACCUOM14A or BAYACCUOM24A.
(14) When using a BAYACCDM02A, two 16x25 filters are required.

EXISTING CURB	NEW UNIT 4WCY4A	USE BAYCURB**4A
BAYCURB03D3A	024-036	02
BAYCURB03D4A	042-060	02
BAYCURB03E3A	024-036	01
BAYCURB03E4A	042-060	01
BAYCURB03E5A	042-060	04

For dimensional/outline drawings, please refer to Product Data.
For information on Roof Curbs, please refer to the Accessories/Information Tab.

For complete equipment / combination applications, installation instructions and warranty information, please refer to Product Data Ratings and/or Installation Guides and Limited Warranty Handbooks.

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4A-1814-3-EN

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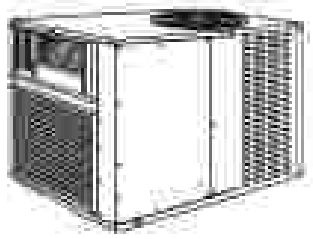
Packaged Heat Pump
Over/Under 2-3.5 Tons



4WHC4

- **Duration®** compressor
- Over (supply) under (return) air
- Compressor time and temperature protection
- Solenoid operated sweat suction valve
- Demand defrost control system
- Multi-speed direct drive blower motor
- High efficiency multi-speed ECM indoor motor on 4WHC4024-4036 4WHC4042 models are variable speed
- Weather resistant Power Paint
- Copper tube, aluminum plate fin coils
- Top discharge configuration
- Factory installed wire-around coil guard
- Top access to supplementary heater
- Pressure taps for refrigerant checks
- Polarized plug for easy field connection of line voltage to supplementary heaters
- Low ambient cooling to 55°F as manufactured
- Low ambient cooling to 0°F with accessory BAYLOWAMB11A
- All models are certified to UL 1995
- **10-year registered limited warranty on compressor, outdoor coil and all other functional parts (Residential Use)**
- **Optional extended warranties**

Table PK-10-A — Silver 14 – Over/Under Horizontal Unit – R-410A

Model No.	Capacity	Efficiency	HSPF	Dimensions [in.] H x D x W	Weight [lbs.]	AHRI*	Max. Fuse*	Sound Rating
4WHC4024A1000B	24,000	14/12.5	8.2	31 x 44 x 32	322	19.7	25	7.6
4WHC4030A1000B	30,000	14/12	8	31 x 44 x 32	322	21.1	30	7.7
4WHC4036A1000B	33,400	14/12	8	31 x 44 x 32	322	25.2	40	7.6
4WHC4042A1000B	38,500	14/12	8	31 x 44 x 32	353	30.6	45	7.7

Table	Supply ft² x ft²	Return ft² x ft²
3 – 3½	8½ x 27½	10½ x 27½

Dimensions are in inches. See Outline Dimensions.
* Information subject to change. Please confirm with current Product Data Sheet(s). Refer to numbers provided.
Completed Nomenclature: 1st = Refrigerating Line Diameter; 2nd = Refrigerating Line Diameter; 3rd = Voltage

Table PK-10-B— Supplementary Heaters – Heater Matrix

Model No.[1]	Power Supply	kW Ratings	Used With	Shipping Weight
BAYHTRC10KA	208/240/1/60	4.8/6.7/8 kW	4WHC4024-42	8
BAYHTRC15KA	208/240/1/60	6.7/8.9/10 kW	4WHC4036-42	10
BAYHTRC11KA	208/240/1/60	7.5/10/12.5 kW	4WHC4024-42	10
BAYHTRC11TA	208/240/3/60	12.5/15/17.5 kW	4WHC4036-42	23

Table PK-10-C — Accessories/Comfort Controls

Model No.	Description	Used With	Shipping Weight
BAYADSTD15KA	Add-on/Delay/Timer	All 4WHC4 Models	1
BAYECMTSTA	Extreme Conditions Mounting Kit (Slab or Rack Mount)	All 4WHC4 Models	2
BAYLOWAMB11A	Low Ambient Cooling Kit	All 4WHC4 Models	5
TASHETIME14A	5 Minute Delay Relay	All 4WHC4 Models	2
TCONTstat	Stat2Dig (Heat Pump/AC)	All 4WHC4 Models	1
TCONTSSA	Stat2Dig (Heat Pump/AC)	All 4WHC4 Models	1
TCONTSSA	Stat2Dig (Heat Pump/AC)	All 4WHC4 Models	1
TCONTSSA	Stat2Dig (Heat Pump/AC) w/Humidity Display	All 4WHC4 Models	1

(1) Position must have an "A" to indicate digit to work on 4WHC4 models.
(2) Not for use with electronic thermostats.
(3) Increased on Power 12K

For dimensional/outline drawings, please refer to Product Data.
For information on Roof Curbs, please refer to the Accessories/Information Tab.

For complete equipment / combination assembly, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installation Guides and Limited Warranty Handbooks.

Effective 4/15/17
4A-PP14-3A

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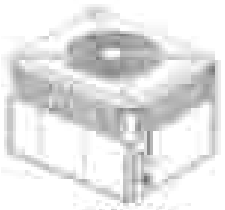
HEATING & AIR CONDITIONING

Packaged Gas/Electric Convertible 2-5 Tons



4YCZ5

Table PK-11-A — 4YCZ5 - Platinum 16 - Convertible Packaged Gas/Electric - R-410A

Model Number	Cooling Capacity (BTUH)	Heating Capacity Output (Input)	SEER	EER Higher Low	AFUE(%)	Shipping Weight	MCA	Max Fuse	Sound Rating	Unitized Dimensions (in) H x D x W
4YCZ5 - 208-230/1/60										
4YCZ5036A1060A	34,000	33,800/48,600	16.00	12.00/13.40	81.0	445	19.5	30	81	35 x 42 x 49
4YCZ5048C1070A	47,500	45,200/67,200	16.50	12.00/13.40	81.0	488	24.2	35	72	38 x 42 x 49
4YCZ5060C1080A	57,000	55,000/77,000	16.00	12.00/13.00	81.0	497	24.2	35	72	38 x 42 x 49
4YCZ5048C1090B	48,000	55,000/72,000	16.00	12.00/13.40	81.0	629	34.1	50	71	42 x 45 x 59
4YCZ5048C1115A	48,000	75,000/88,000	16.00	12.00/13.40	81.0	665	34.1	50	71	42 x 45 x 59
4YCZ5060C1115A	57,000	75,000/88,000	16.00	11.40/12.84	81.0	679	44.4	60	75	42 x 45 x 59
4YCZ3 - 208-230/1/60										
4YCZ3036A1060B	35,000	45,000/68,000	16.50	12.00/13.40	80.0	488	19.7	30	72	38 x 42 x 49
4YCZ3036A1060E	35,000	37,800/77,000	16.50	12.00/13.40	80.0	493	19.7	30	72	38 x 42 x 49
4YCZ3048A1090E	48,000	57,500/77,000	16.00	12.00/13.40	80.0	629	25.2	35	71	42 x 45 x 59
4YCZ3048A1120B	48,000	72,000/75,000	16.00	12.00/13.40	80.0	643	25.2	35	71	42 x 45 x 59
4YCZ3060A1120B	57,000	72,000/88,000	15.50	11.40/12.85	80.0	679	28.6	40	73	42 x 45 x 59
4YCZ3 – 460/3/60										
4YCZ3036A1407C	35,000	45,000/68,000	16.50	12.00/13.40	81.0	488	11.0	15	72	38 x 42 x 49
4YCZ3036A1090C	35,000	37,000/77,000	16.00	12.00/13.00	80.0	497	11.3	15	70	38 x 42 x 49
4YCZ3048A1090C	48,000	57,000/77,000	16.00	12.00/13.40	81.0	629	15.3	20	71	42 x 45 x 59
4YCZ3048A1120C	48,000	72,000/92,000	16.00	12.00/13.40	80.0	643	15.3	20	71	42 x 45 x 59
4YCZ3060A1120C	57,000	72,000/92,000	15.50	11.40/12.85	80.0	679	17.2	25	73	42 x 45 x 59

Table PK-11-B — 4YCY5- Gold 15 - Convertible Packaged Gas/Electric - R-410A

Model Number	Cooling Capacity (BTUH)	Heating Capacity Output (Input)	SEER	EER	AFUE(%)	Shipping Weight	MCA	Max Fuse	Sound Rating	Unitized Dimensions (in) H x D x W
4YCY5 - 208-230/1/60										
4YCY5036A1060A	33,000	45,000/68,000	15.00	12.00	81	425	19.5	25	65	38 x 42 x 49
4YCY5048A1070A	46,400	55,000/70,000	15.00	12.00	81	455	24.2	30	72	38 x 42 x 49
4YCY5060A1070A	56,000	55,000/70,000	15.00	12.00	81	465	24.8	35	68	38 x 42 x 49
4YCY5060A1090A	56,000	72,000/77,000	15.00	12.00	81	483	25.8	35	65	38 x 42 x 49
4YCY5048A1090A	47,000	72,000/88,000	15.00	12.00	81	583	28.6	45	71	38 x 45 x 59
4YCY5048A1115A	46,800	72,000/88,000	15.00	12.00	81	618	34.2	50	71	38 x 45 x 59
4YCY5060A1115A	46,800	90,000/115,000	15.00	12.00	81	622	34.2	50	71	38 x 45 x 59
4YCY5060A1115B	57,000	72,000/115,000	15.00	11.40	81	637	44.4	60	73	42 x 45 x 59

4YCY5

Table PK-11-C — 4YCY4 - Gold 14 - Convertible Packaged Gas/Electric - R-410A

Model Number	Cooling Capacity (BTUH)	Heating Capacity Output (Input)	SEER/EER	AFUE(%)	Shipping Weight	MCA	Max Fuse	Sound Rating	Unitized Dimensions (in) H x D x W
4YCY4 - 208-230/3/60									
4YCY4036B1060A	34,000	45,000/68,000	14.50/12.00	80.0	488	19.2	25	66	38 x 42 x 49
4YCY4036B1090A	34,000	37,000/77,000	14.25/12.00	80.0	493	19.2	25	66	38 x 42 x 49
4YCY4048B1090A	48,000	57,000/77,000	14.20/12.00	80.0	643	25.3	35	73	38 x 42 x 59
4YCY4048B1120A	48,000	72,000/92,000	14.20/11.90	80.0	658	25.3	35	73	38 x 45 x 59
4YCY4060A1120B	58,000	72,000/92,000	14.50/12.00	80.0	679	28.6	40	76	42 x 45 x 59

4YCY4
(3-phase only)

For dimensional/outline drawings, please refer to Product Data.
For information on Roof Curbs, please refer to the Accessories/Information Tab.

For complete equipment / combination applications, installation instructions and warranty information, please refer to Product Data Ratings and/or Installation Guides and Limited Warranty Handbooks.

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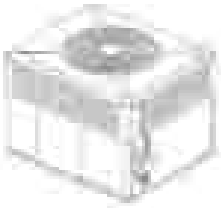
HEATING & AIR CONDITIONING

Packaged Gas/Electric Convertible 2-5 Tons



4YCC4

Table PK-12-A — 4YCC4 - Silver 14 - Convertible Packaged Gas/Electric - R-410A

Model Number	Cooling Capacity (BTUH)	Heating Capacity Input/Output	SEER/EER	AFUE(%)	Shipping Weight	MCA	Max Fuse	Sound Rating	Cabinet Dimensions (in.) H x D x W
4YCC4 - 2SE-230/1/60									
4YCC4024A1060A	24,000	60,000/45,000	14.00/12.00	81.0	481	18.1	30	67	36 x 42 x 49
4YCC4030A1070A	28,200	70,000/57,000	14.00/12.00	81.0	481	22.5	35	69	36 x 42 x 49
4YCC4030A1070A	37,000	70,000/57,000	14.00/12.00	81.0	488	24.5	40	69	36 x 42 x 49
4YCC4036A1080A	37,000	80,000/73,000	14.00/12.00	81.0	488	24.5	40	69	36 x 42 x 49
4YCC4042A1060A	45,000	60,000/45,000	14.00/12.00	81.0	633	28.5	45	75	36 x 43 x 59
4YCC4042A1090A	45,500	90,000/73,000	14.00/12.00	81.0	633	28.5	45	75	36 x 43 x 59
4YCC4048A1070A	46,000	70,000/57,000	14.00/11.50	81.0	645	32.0	50	73	40 x 45 x 59
4YCC4048A1080A	46,000	80,000/73,000	14.00/11.50	81.0	655	32.0	50	73	40 x 45 x 59
4YCC4060A1090A	58,000	90,000/73,000	14.00/11.50	81.0	678	38.1	60	73	40 x 45 x 59
4YCC4060A1115A	58,000	115,000/55,000	14.00/11.50	81.0	684	38.1	60	73	40 x 45 x 59

Read Only

For dimensional/outline drawings, please refer to Product Data.
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Effective 1/1/18
14-1515-35

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HEATING & AIR CONDITIONING

Packaged Gas/Electric Convertible 2-5 Tons

Table PK-12-A — Features	4YCZ5 2-5	4YCY5 2-5	4YCY4 2-5	4YCC4 2-5
• SEER up to	16.00	16.00	14.25	14.00
• Exclusive **Duration™** high efficiency compressor with internal overload protection	✔	✔	✔	✔
• Factory supplied charge	R-410A	R-410A	R-410A	R-410A
• Composite **Vortica*** indoor blower	✔	✔	✔	✔
• High efficiency ECM indoor blower motor with **Comfort-R™** airflow system	✔	✔	✔	—
• Direct drive, multi-speed ECM blower motor (high efficiency)*	—	—	—	✔
• All aluminum **Spine Fin™** outdoor coil	✔	✔	✔	✔
• Swept-blade outdoor fan for quiet operation	✔	✔	✔	✔
• Architecturally integrated louvers and corner guards	✔	✔	✔	✔
• Polyester gray cabinet	✔	✔	✔	✔
• Stainless steel heat exchanger and burners	✔	✔	✔	✔
• Single stage cool	—	2-3½	✔	✔
• Single stage gas	—	—	—	✔
• 2-stage cooling	✔	4, 5	—	✔
• 3 stage gas	✔	✔	✔	✔
• Short kit - factory installed (single phase only)	—	—	—	✔
• High pressure cutout	✔	✔	✔	✔
• Low pressure cutout	✔	✔	✔	✔
• Liquid line drier - factory installed	✔	✔	✔	✔
• Non-diesel expansion valves on indoor coil	✔	✔	✔	✔
• Pressure tape, including liquid line tape, easily accessed and protected inside compressor compartment	✔	✔	✔	✔
• Right side electrical service access for high and low voltage connections	✔	✔	✔	✔
• Rugged steel blocks on features deep drawn dust connections	✔	✔	✔	✔
• Steeply sloped composite diameter	✔	✔	✔	5
• Steps in horizontal configuration and converts quickly for downflow	✔	✔	✔	2-4
• Copper tube, aluminum fin indoor coil	✔	3, 4, 5	✔	✔
• All aluminum indoor coil	—	2, 2½, 3½	—	✔
• All models are certified to ANSI Z21 ATIOSA 2.1	✔	✔	✔	—
• **20-year heat exchanger, 12-year compressor, 10-year coils, & 10-year all other functional parts registered limited warranty (Residential Use)**(1)	✔	—	—	✔
• **20-year heat exchanger, 10-year compressor, 10-year coils, & 10-year all other functional parts registered limited warranty (Residential Use)**(1)	—	✔	✔	✔
• **Extended warranties available**	✔	✔	✔	✔

(1) Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at www.accessories.com or by phone at 800-654-5000. Otherwise Accessories Standard Heating & Air Conditioning Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASCaseerHat.com.

*Combined single ECM (electronically commutated motor)

Read Only

For dimensional/outline drawings, please refer to Product Data.
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Packaged Gas/Electric Convertible 2-5 Tons

Table PK-14-A — Accessories

Model Number	Description	Shipping Weight	4YCZ5 2-5	4YCY5 2-5	4YCY4 2-5	4YCC4 2-5
[illegible]	Hinged Filter Access Door[8]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Hinged Filter Access Door[8]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Adapter Kit for Installation of 4[illegible]Clean,™ and 2" Media™ Filter [illegible][8]	11	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Adapter Kit for Installation of 4[illegible]Clean,™ and 2" Media™ Filter [illegible][8]	11	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Adapter Curb (Cabinet A/B)		[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Adapter Curb (Cabinet C)		[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Adapter Curb (Cabinet A/B)		[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Adapter Curb (Cabinet C)		[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Adapter Curb (Cabinet D)		[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Anti-Short Cycle Timer[9]		✔	—	✔	✔
[illegible]	Downflow Heater (2000 Watt)			[illegible]		[illegible]
[illegible]	Downflow Heater (2500 Watt)		[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Downflow Heater (4800 Watt)		[illegible]	—	—	—
[illegible]	Downflow Heater (4800 Watt)		[illegible]	—	—	—
[illegible]	12" Duct Blanks (Covers Horizontal Ducts)[9]		[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	16" Duct Blanks (Covers Horizontal Ducts)[9]		[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Flat Roof Curb Perimeter Curb (Insulated)	14	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Flat Roof Curb Perimeter Curb (Insulated)	14	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Modulating Fresh Air Damper[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Modulating Fresh Air Damper[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Economizer with Barometric Relief (Downflow [illegible]	85	—	[illegible]	[illegible]	[illegible]
[illegible]	Economizer with Barometric Relief (Downflow [illegible]	85	—	[illegible]	[illegible]	[illegible]
[illegible]	Economizer with Barometric Relief (Downflow [illegible]		[illegible]	—	—	—
[illegible]	Economizer with Barometric Relief (Downflow [illegible]		[illegible]	—	—	—
[illegible]	Economizer (Horizontal) [illegible]	85	—	[illegible]	[illegible]	[illegible]
[illegible]	Economizer (Horizontal) [illegible]	85	—	[illegible]	[illegible]	[illegible]
[illegible]	Economizer (Horizontal) [illegible]		[illegible]	—	—	—
[illegible]	Economizer (Horizontal) [illegible]		[illegible]	[illegible]	—	—
[illegible]	Enthalpy Control [illegible]	2	✔	✔	✔	✔
[illegible]	Enthalpy Control Mounting Kit (Used on [illegible]		✔	✔	✔	✔
[illegible]	Enthalpy Control Mounting Kit (Used on [illegible]		✔	✔	✔	✔
[illegible]	Enthalpy Control Mounting Kit (Used on [illegible]		✔	✔	✔	✔
[illegible]	1-1/2" Filter Frame[illegible]	6	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	1-1/2" Filter Frame[illegible]	6	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Lifting Lug Kit	5	✔	✔	✔	✔
[illegible]	Low Ambient Control Kit	1	✔	✔	✔	✔
[illegible]	LP Conversion Kit		[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	LP Conversion Kit		[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	LP Conversion Kit		[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Outside Air Control [illegible]		[illegible]	[illegible]	—	—
[illegible]	Rainhood Fresh Air [illegible]	8	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Rainhood Fresh Air [illegible]	8	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Shelf Kit		✔	✔	—	✔
[illegible]	14" Round Duct Adapter Kit	5	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	16" Round Duct Adapter Kit	7	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Roof Curb (Utility Connection Kit)		[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Roof Curb (Utility Connection Kit)		[illegible]	[illegible]	[illegible]	[illegible]

(1) Must use Blue Seal when economizer/fresh air kit is used.
(2) Qty. bulb control required with economizer.
(3) 2-Stage cooling control required when using economizer.
(4) Do not use with electronic thermostats.
(5) It is the responsibility of the installing dealer to properly size the ductwork for each specific application.
(6) [illegible] and not cover [illegible] applications.
(7) Does not contain barometric relief.
(8) Max. loads are = 20%.
(9) For non-condensing fan gas heating applications, the damper opens only when the CO2 sensor is above 800 F.

EXISTING CURB	NEW UNIT [illegible]	USE [illegible]
[illegible]	[illegible]	00
[illegible]	[illegible]	02
[illegible]	[illegible]	01
[illegible]	[illegible]	03
[illegible]	[illegible]	04

(10) It is the designer/engineer/installer's responsibility to review product specifications and technical literature to insure optimal performance and compliance to codes.
(11) Safety devices of motor are entering the heat exchanger is monitored and heat will shutoff may be removed under certain conditions.
(12) [illegible] required [illegible] & [illegible] requires [illegible]. They are not field-field compatible to [illegible].
(13) [illegible] is not compatible with [illegible] or [illegible].
(14) When using a [illegible] two (2x2) filters are required.

For dimensional/outline drawings, please refer to Product Data.
For information on Roof Curbs, please refer to the Accessories/Information Tab.

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installation Guides and Limited Warranty Handbooks.

Effective 01/18
4A18PK14-EN

BUILT TO A HIGHER STANDARD
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HEATING & AIR CONDITIONING

Single Power Entry Kits Packaged Convertible 2-5 Tons

	SINGLE POWER ENTRY KIT	HEATER	4TCC4	4TCY5	4WCC4	4WCY5	4WCZ5
SINGLE PHASE (208-240V)	BAYSPEK060	BAYHTRV105	3-4	2-5	2-5	2-5½	2-5
		BAYHTRV108	3-4	2-5	3	—	—
		BAYHTRV110	3-4	2-5	—	—	—
	BAYSPEK062	BAYHTRV105	5	—	3½-5	4-5	4-5
		BAYHTRV108	5	—	2½-5	2-5	2-5
		BAYHTRV110	5	3½-5	2-5	2-5	2-5
	BAYSPEK063	BAYHTRV115	2½-5	2½-5	2½-5	2½-5	3-5
		BAYHTRV120	4-5	3½-5	3½-5	3½-5	4-5

	SINGLE POWER ENTRY KIT	HEATER	4TCC5	4TCX3	4TCY4	4WCC5	4WCX3	4WCY4	4WCZ5
3 PHASE (208-240V)	BAYSPEK064	BAYHTRV310	—	—	—	3-5	3-5	3-5	3-5
		BAYHTRV320	4-5	4-5	4-5	4-5	4-5	4-5	4-5
	BAYSPEK065	BAYHTRV310	—	—	—	3	3	3	3
	BAYSPEK061	BAYHTRV305	3-5	3-5	3-5	3-5	3-5	3-5	3-5
		BAYHTRV308	3-5	3-5	3-5	3-5	3-5	3-5	3-5
		BAYHTRV310	3-5	3-5	3-5	3-4	3-4	3-4	3-4
		BAYHTRV315	3-5	3-5	3-5	—	—	—	—
3 PHASE (480V)	BAYSPEK061	BAYHTRV405	3-5	3-5	—	3-5	3-5	—	3-5
		BAYHTRV408	3-5	3-5	—	3-5	3-5	—	3-5
		BAYHTRV410	3-5	3-5	—	3-5	3-5	—	3-5
		BAYHTRV415	3-5	3-5	—	3-5	3-5	—	3-5
		BAYHTRV420	4-5	4-5	—	4-5	4-5	—	4-5

Read Only

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Effective 1/1/18
14-1014-35

Supplemental Heater Table
Packaged Convertible 2-5 Tons

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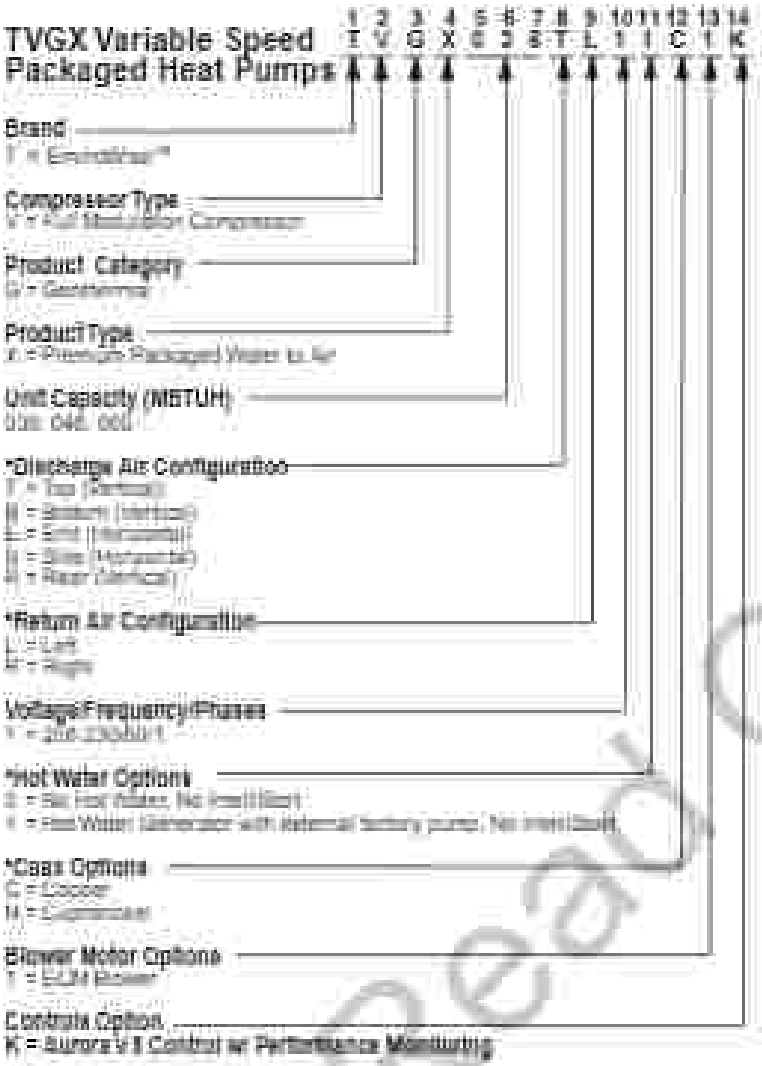
Supplemental Heater Table
Packaged Convertible 2-5 Tons

Variable Speed Packaged Units



Read Only

Capacities
Variable Capacities = 036, 048, 060

*Select desired options to create specific model number

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HEATING & AIR CONDITIONING

Variable Speed Packaged Units

- Extended range operation (20-120°F EWT)
- Earth friendly R-410A refrigerant
- Aurora advanced variable speed control
- "Supersonic" cooling mode
- Dunitor™ Variable Speed Compressor
- Variable Speed ECM fan motor
- PermaShield PLs™ coated air coil
- Electronic expansion valve
- Internal electric heat (optional on vertical units only)
- 1" Swivel fittings
- Easy powder coated heavy gauge galvanized cabinet
- Factory computer run test
- AHRI/ASHRAE/ISO 13256-1 performance certified and UL/ETL safety listed
- 2" Filter Rack with MERV 11 filter included
- Horizontal hanger kit included for horizontal configurations
- **10-year parts and 5-year labor allowance**

- **Unit Includes:**
  Refrigerant Monitoring Module
  Performance Monitoring Module
  Energy Monitoring Module

- **Requires AUD Tstat**

Table GEO-2-A — VGK - Variable Speed Water Source Heat Pumps

Unit Model No.	Power Supply Volts/Hz/Phase	Nominal Cooling Capacity (Btuh) ECM3 Motor	Dimensions (in.)(1) H x W x L	Shipping Weight (lbs.)	Nominal Supply Opening (in.)(2)	Nominal Return Opening (in.)(2)	Filter Size (in.)	Water Inlet/ Outlet Size	Min Circ Amp ECM 3 Motor	Max Fuse
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

(1) Vertical Applications

(2) For installation kit details (front and rear), please refer to the GeoThermal Water Source Heat Pump Product Data section.

Read Only

Models listed are representative ONLY. Please refer to model nomenclature for product line configuration.

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installation Guides and Limited Warranty Handbooks.

Effective 1/1/18
14-1011.20

Variable Speed Packaged Units

Table GEO-3-A — Optional Accessories for VGX Units *

Model Number	Description
Thermostats	
TPCC33U01E	Communicating Color Touchscreen Thermostat w/Energy Monitoring and Humidity Control
TPCM33U04E	Communicating Thermostat with Energy Monitoring capabilities and Humidity Control
Notes: Must use TPCC33U01, TPCM33U04 or IntelliZone2 - No other thermostats will operate the heat pump.	
Diagnostic Tool	
ADKIT	Airnet Interface Diagnostic Service Tool
Variable Speed Flow Center	
FCDP-0L	High impact polystyrene plastic cabinet, one Grundfos Magna Gen. 32-140 variable speed pump (1 pump flow center) and one UP26-99 fixed speed pump (2nd pump on 2 pump flow center)
FCDP-0L	
IntelliZone2 with Master Stat and ASE Communication Harness	
IntelliZone 2VA	Communicating Zone System (Only works with XV Series Units)
	Multiple load zone calls communicate exact load that requirements
	Controls up to 8 zones with Variable Speed units, 4 zones with dual capacity compressor (2 or single capacity compressor)
	Direct control of dampers approx 25-30 for motor to match needs of the space. 5 ft in damper or one up to 12 square inches
	Zone sizes as small as 25% of whole house (10% Variable Speed and 20% Dual Capacity)
	Individual zone adjustable occupancy or comfort mode
	Four unoccupied options: normal, custom, hold or temporary override for special occupancies
	Communication mode saves airflow in zoning for better dehumidification
	Power consumption displayed on MasterStat for all XV Series with communicating compressors
Zone Thermostat	
ZoneStat	Option for any of Zones 2 through 8. For setback capability through the MasterStat only) with communication to the IntelliZone2 System
Zone Sensor Thermostat	
SensorStat	Option for any of Zones 2 through 8. For setback capability through the MasterStat only) with communication to the IntelliZone2 System
Trouble Shooting Kit	
4ATTK	Back plate of the MasterStat w/ harness to plug into IntelliZone2 case board for set up and service at the zone panel
2TRAK	Zone Transformer kit - 208/240V - 2A

*Note: These accessories are dedicated for Variable Speed YCX units ONLY

Table GEO-3-B — Optional Accessories for VGX Units (Non-Dedicated)

Model Number	Description
Vertical Auxiliary Heaters	
EHL10A	Internal mount, electronic control board, sequenced operation – 15-20kW include internal fuses
EHL15A	Internal mount, electronic control board, sequenced operation – 15-20kW include internal fuses
EHL20A	Internal mount, electronic control board, sequenced operation – 15-20kW include internal fuses
Horizontal Auxiliary Heaters	
EHLH10A	Internal mount control box, coil assembly external mount, electronic control board, sequenced operation, 15-20KW include internal fuses
EHLH15A	Internal mount control box, coil assembly external mount, electronic control board, sequenced operation, 15-20KW include internal fuses
EHLH20A	Internal mount control box, coil assembly external mount, electronic control board, sequenced operation, 15-20KW include internal fuses
Air Pads for Vertical Top/Bottom Units	
APP24	APP = High Density Plastic
APP42A	APP = 2" PEF foam, cutouts
Electronic Air Cleaner	
EAC1020	Vertical Units (20x25)
EAC1030	Vertical Units (20x30)
EAC1024	Bottom Flow Units (20x24)
EAC2042	Horizontal Units (20x42)
EAC2047	Horizontal Units (20x47)

For complete equipment / combination selections, installation instructions and warranty information, please refer to Price-it! Data Ratings and/or Installers Guides and Limited Warranty Handbooks.

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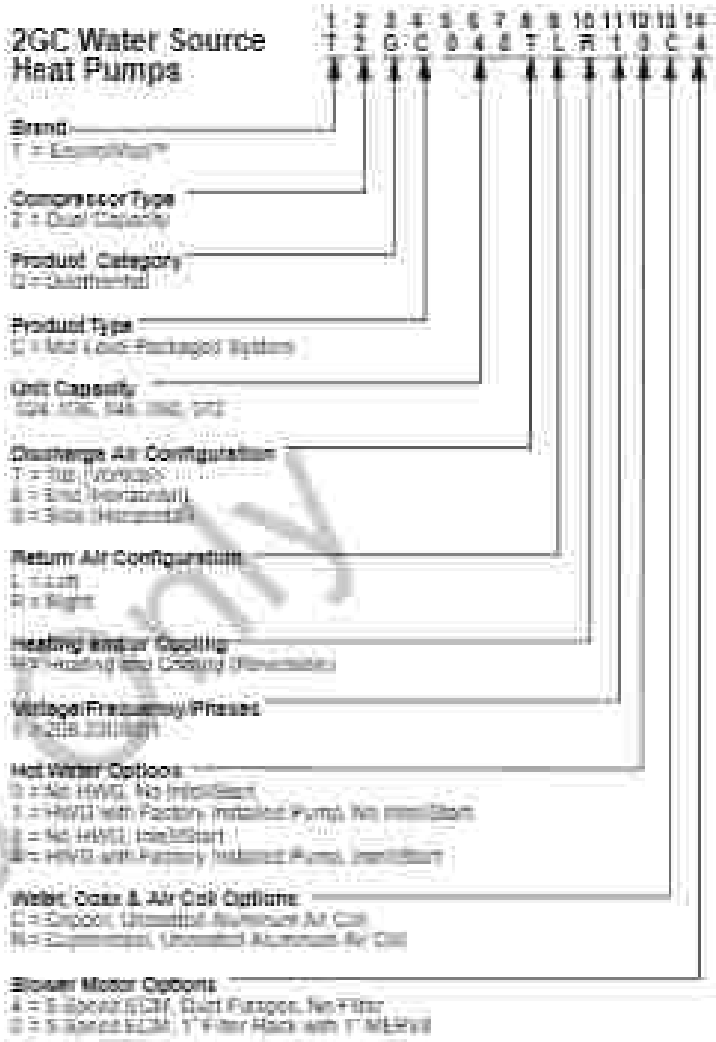
Water to Air Packaged Units

Geothermal



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For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installation, Owner and Limited Warranty Handbooks.

Effective 1/1/18
14-1011.20

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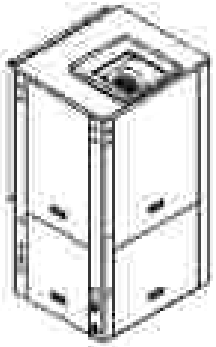
Water to Air Packaged Units



- Extended range operation (20-120 F EWT)
- Earth friendly R-410A refrigerant
- Premier 2 microprocessor based controls with fault indicator lights
- Duration™ single speed or dual capacity scroll compressor
- PSC Motor or ECM variable speed fan motor
- Internal expansion valve
- Optional internal electric heat
- 1" Swivel fittings
- Special gray color powder coated heavy gauge galvanized cabinet
- Factory computer run test
- AREA/SHEAE/ISO 13256-1 performance certified and UL/ETL safety listed
- 2" Filter Rack with MERV 11 filter included
- Horizontal Hanger Kit included
- **10-year parts and 5-year labor allowance**

Table GEO-5-A — 1GX - 2GX Water Source Heat Pumps

Unit Model No.	Power Supply Volts/Hz/Phase	Nominal Cooling Capacity (Btuh) ECM 3 Motor	Dimensions (in.) H x W x L	Shipping Weight (lbs.)	Nominal Supply Opening (WSO)	Nominal Return Opening (Ext)	Filter Size	Water Inlet Outlet Size	Min Circ. Amp ECM 3 Motor	Max Fuse
T1GX023	208-230/60/1	21,700	48.4x22.3x28.3	313	14x14	22x28	28x24	1" Swivel	10.2	20
T2GX028	208-230/60/1	27,200	48.4x22.3x28.3	313	14x14	22x28	28x24	1" Swivel	10.8	25
T1GX030	208-230/60/1	29,400	48.4x22.3x28.3	328	14x14	22x28	28x24	1" Swivel	20.0	30
T1GX036	208-230/60/1	35,000	58.4x25.4x31.4	373	18x18	29x36	28x30	1" Swivel	21.6	35
T2GX038	208-230/60/1	40,200	58.4x25.4x31.4	375	18x18	29x36	28x30	1" Swivel	24.8	40
T1GX042	208-230/60/1	42,000	54.4x25.4x31.4	388	18x18	29x36	32x30	1" Swivel	24.8	40
T1GX048	208-230/60/1	48,300	54.4x25.4x31.4	428	18x18	29x36	32x30	1" Swivel	28.8	45
T2GX049	208-230/60/1	50,000	54.4x25.4x31.4	428	18x18	29x36	32x30	1" Swivel	30.4	50
T1GX060	208-230/60/1	56,800	58.4x25.4x31.4	463	18x18	29x34	36x30	1" Swivel	40.0	60
T2GX064	208-230/60/1	67,000	58.4x25.4x31.4	473	18x18	29x34	36x30	1" Swivel	39.0	60
T1GX070	208-230/60/1	73,200	58.4x25.4x31.4	488	18x18	29x34	36x30	1" Swivel	44.8	70
T2GX072	208-230/60/1	73,000	58.4x25.4x31.4	488	18x18	29x34	36x30	1" Swivel	41.0	60

(1) Vertical Applications

* For models not listed and unit details, please refer to the Geothermal Water Source Heat Pump Product Data publication.

Read Only

Geothermal

Models listed are representative ONLY. Please refer to model nomenclature for product line configuration.

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

Water to Air Packaged Units

Table GEO-3 — Optional Accessories 1GX - 2GX

Model Number	Description	Used With Single Speed Models	Used With Dual Capacity Models
Vertical Auxiliary Heaters			
ERH4A		012	
ERM5A	(i)	020, 030	026
ERM8A	(i)	030	026
ERM10A	(i)	036	036
ERL10A	(i)	036, 042, 048, 060, 070	036, 048, 064, 072
ERL15A	(i)	036, 042, 048, 060, 070	036, 048, 064, 072
ERL20A	(i)	048, 060, 070	048, 064, 072
Horizontal Auxiliary Heaters			
ERH4A		012	
ERM5A	(i)	020, 030	026
ERM8A	(i)	020, 030	026
ERM10A	(i)	036	036
ERL10A	(i)	036, 042, 048, 060, 070	036, 048, 064, 072
ERL15A	(i)	036, 042, 048, 060, 070	036, 048, 064, 072
ERL20A	(i)	048, 060, 070	048, 064, 072
Air Pads for Vertical Topflow Units			
APD4X	APD-High density plastic	012, 018	018
APD	APD-High density plastic	024, 030, 036, 042, 048, 060, 070	024, 036, 048, 064, 072
APP4024	APP-2" PEX foam, rubber	012, 018, 024, 030, 036, 042, 048, 060, 070	018, 024, 036, 048, 064, 072
Thermostats (All Controls - 2H, 2C, Dual Fuel Compatible)			
A2CWEBPACC01A	WiFi Premium Control (Requires Relay Panel)		
BAYSENRLY01B	24 Volt Interface Relay Panel for DDC Control		
A2CONTECHS01A	Programmable Touch Screen Digital Control		
A2CONTECHS02A	Programmable Touch Screen Digital Control with Dehumidification Control		
A2CONTNOHM01A	Non-Programmable Comfort Control		
Disposable Pleated Filters, 2" MERV 11 (i)			
2PFD05-24	Vertical Units (24x24)	012, 030	026
2PFD05-36	Vertical Units (36x20)	036	036
2PFD05-37	Vertical Units (37x22)	042, 048	048
2PFD05-38	Vertical Units (38x23.5)	060, 070	064, 072
2PFD05-39	Horizontal Units (24x18)	012, 030	026
2PFD05-40	Horizontal Units (30x18)	036	036
2PFD05-41	Horizontal Units (37x22)	042, 048	048
2PFD05-11	Horizontal Units (36x22)	042, 048, 060, 070	048, 064, 072
2PFD05-03	Horizontal Units (24x30)	060, 070	064, 072

(i) Internal Room Electronic Control (Every Sequential Operation, Y1-DDC across Internal Loop).
(ii) Internal mount control box, coil assembly external mount. Electronic Control (Every Sequential Operation, Y1-DDC across Internal Loop) (Use on Horizontal & Multi-Discharge Units).
(iii) If needed (to Dimension sheet pg 2)
(iv) Bottom Rail 20-1/4
(v) Bottom Rail 28-1/2

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installation Guides and Limited Warranty Handbooks.

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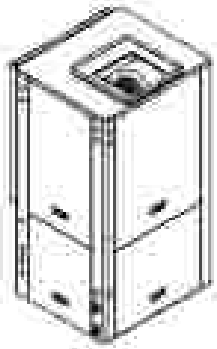
Water to Air Packaged Units
Mid-Efficiency



- Extended range operation (20–120°F EWT)
- Earth friendly R-410A refrigerant
- Premier 2 microprocessor based controls with fault indication lights
- Dualtec™ single speed or dual capacity scroll compressor
- 5-Speed ECM fan motor
- Aluminum air coil
- Optional internal electric heat
- 1" Swivel fittings
- Basalt gray color powder coated heavy gauge galvanized cabinet
- Factory computer run test
- ARI/ASHRAE/ISO 13256-1 performance certified and UL/ETL safety listed
- **Standard 2 Year Parts and Labor & 5 Year Refrigeration Component and Labor Warranty**
- **5 Year Parts and Labor Allowance Warranty (OPTIONAL)**

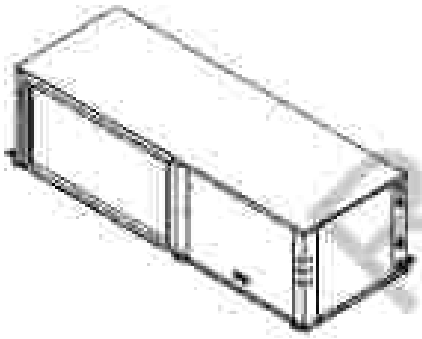
Table GEO-7-A — 2GC Water Source Heat Pump - Vertical Application

Unit Model No.	Power Supply Volts/Hz/Phase	Nominal Cooling Capacity (Btuh) ECM 3 Motor	Dimensions (in.) W x D x H	Shipping Weight (lbs.)	Nominal Supply Opening (Width)	Nominal Return Opening (Depth)	Filter Size	Water Inlet/ Outlet Size	Min Circ Amp ECM 3 Motor	Max Fuse
T2GC024	208-230/60/1	23,100	24.4x22.5x56.3	218	14x14	22x18	20x24	1" Swivel	24.5	50
T2GC036	208-230/60/1	35,100	24.5x22.5x56.3	244	14x14	22x28	20x24	1" Swivel	26.3	40
T2GC048	208-230/60/1	45,000	28.4x28.6x71.6	323	18x18	28x28	24x30	1" Swivel	39.8	60
T2GC060	208-230/60/1	59,900	28.4x28.6x71.6	348	18x18	28x38	24x38	1" Swivel	47.2	70
T2GC072	208-230/60/1	67,000	34.4x28.6x71.6	378	18x18	28x40	30x30	1" Swivel	50.4	80

(1) Vertical Applications

* For models not listed and unit details, please refer to the Geothermal Water Source Heat Pump Product Data publication

Water to Air Packaged Units
Mid-Efficiency



- Slimline low profile for horizontal units
- Left or right return options
- Cabinet design - insulated access panels and corner posts

Table GEO-7-B — 2GC Water Source Heat Pump - Horizontal Application

Unit Model No.	Power Supply Volts/Hz/Phase	Nominal Cooling Capacity (Btuh) ECM 3 Motor	Dimensions (in.) W x D x H	Shipping Weight (lbs.)	Nominal Supply Opening (Width)	Nominal Return Opening (Depth)	Filter Size	Water Inlet/ Outlet Size	Min Circ Amp/ ECM 3 Motor	Max Fuse
T2HC024	208-230/60/1	23,100	32.5x22.5x15.3	248	10.5x8.3	21.8x15.3	18x24	1" Swivel	24.5	50
T2HC036	208-230/60/1	35,100	32.5x22.5x15.3	270	10.5x8.3	30.5x15.7	20x32	1" Swivel	26.3	40
T2HC048	208-230/60/1	45,000	25.8x72.0x21.3	340	13.0x13.2	35.3x16.6	20x37	1" Swivel	39.8	60
T2HC060	208-230/60/1	59,900	25.8x72.0x21.3	378	13.0x13.2	35.3x16.6	20x37	1" Swivel	47.2	70
T2HC072	208-230/60/1	67,000	25.8x77.0x21.3	395	13.0x13.2	40.4x16.7	0*	1" Swivel	50.4	80

(1) Horizontal Applications

(2) 42GC072 Horizontal application requires a 20x30 filter and a 20x32 filter

* For models not listed and unit details, please refer to the Geothermal Water Source Heat Pump Product Data publication

For complete equipment / combination selections, installation instructions and warranty information, please refer to Price-it! Data Ratings and/or Installers Guides and Limited Warranty Pamphlets.

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LA-197-1-19

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Water to Air Packaged Units Mid-Efficiency

Table GEO-8-A — Optional Accessories 2GC

Model Number	Description	Used With Dual Capacity Models
Air Pads for Vertical Units		
AP2430	AP High Density Plastic	026
AP32	AP High Density Plastic	038,048,064,072
AP2934	ACP - 2" PEX Foam, Cutable	026,038,048,064,072
Vertical Auxiliary Heaters		
EAM5A	(1)	026,038
EAM8A	(1)	026,038
EAM10A	(1)	026,038
EAL10A	(2)	048,064,072
EAL15A	(2)	048,064,072
EAL20A	(2)	048,064,072
Horizontal Auxiliary Heaters		
EAMH5A	(1)	026,038
EAMH8A	(1)	026,038
EAMH10A	(1)	026,038
EALH10A	(2)	048,064,072
EALH15A	(2)	048,064,072
EALH20A	(2)	048,064,072
Field Installed 1" Filter Rails, Must Order 2 Each Per Unit (Top & Bottom) Note: Filter Air Cleaner Not Included, Select From Below		
48P828-06T	Vertical 1" Filter Rails	026
48P828-06T	Vertical 1" Filter Rails	038
48P828-07T	Vertical 1" Filter Rails	048,064,072
Field Installed 1" Filter Rails, Must Order 2 Each Per Unit (Top & Bottom) Note: Filter Air Cleaner Not Included, Select From Below		
48P862-01T	Horizontal 1" Filter Rails	026
48P863-01T	Horizontal 1" Filter Rails	038
48P863-01T	Horizontal 1" Filter Rails	048,064
48P864-01T	Horizontal 1" Filter Rails	072
Electronic Air Cleaner		
EAC2024	Vertical Units (20x24)	026
EAC2424	Vertical Units (24x24)	038
EAC2830	Vertical Units (28x30)	048,064
EAC3032	Vertical Units (30x32)	072
EAC1824	Horizontal Units (18x24)	026,038
EAC1832	Horizontal Units (18x32)	048
EAC2037	Horizontal Units (20x37)	064
EAC2042	Horizontal Units (20x42)	072
Disposable Pleated Filters, 1" MERV8		
39P503B12	Vertical Units (20x24)	026
39P503B27	Vertical Units (24x24)	038
39P503B28	Vertical Units (28x30)	048,064
39P503B21	Vertical Units (30x32)	072
39P503B07	Horizontal Units (18x24)	026
39P503B23	Horizontal Units (18x32)	038
39P503B08	Horizontal Units (20x37)	048,064
39P503B03	Horizontal Units (20x30)	072 (2)
39B503N24	Horizontal Units (20x32)	072 (2)

(1) Internal Mount, Electronic Control Board, 75-20AR Volume Internal Fuses
(2) Internal Mount Control Box, Coil Assembly External Mount, Electronic Control Board, 75-20AR Volume Internal Fuses
(3) 2.12 Horizontal unit requires both filters to span the width of the filter opening

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Water to Water Packaged Units

1GW Water Packaged Units

1 2 3 4 5 6 7 8 9 10 11 12 13 14
T 1 G W 2 4 3 N N H 1 2 C A

Brand
T = Encoditive™

Compressor Type
1 = Single Stage Compressor

Product Category
G = Geothermal

Product Type
W = Hydronic Packaged System (Water-to-Water)

Nominal BTU's
Thousands of BTU's

Discharge Air Configuration
N = None

Return Air Configuration
N = None

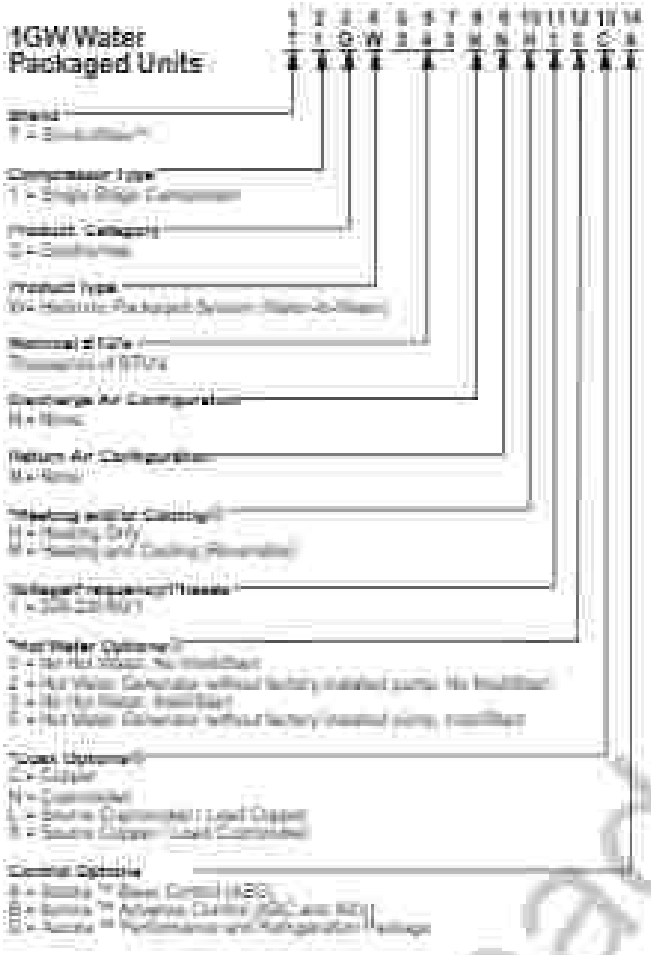
Heating and/or Cooling
H = Heating Only
H = Heating and Cooling (Reversible)

Voltage/Frequency/Phase
1 = 208-230/60/1

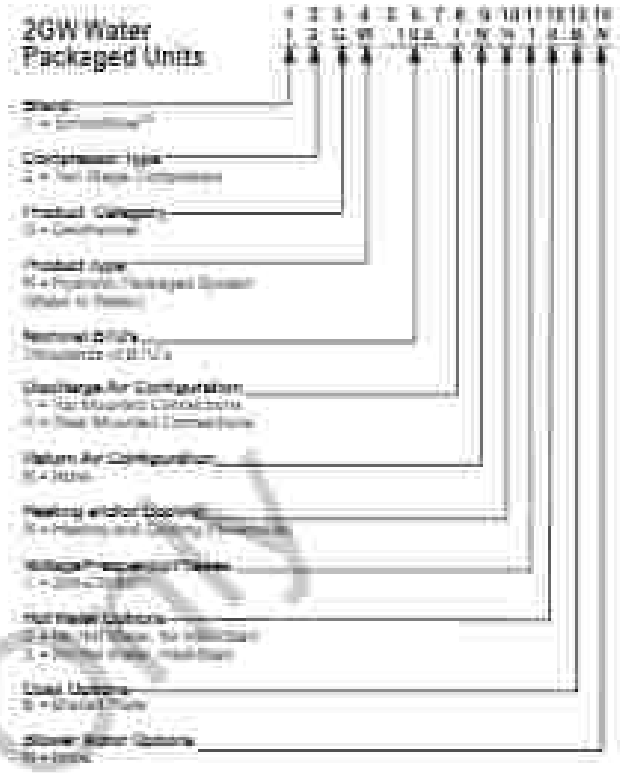
Hot Water Options
0 = No Hot Water, No Insulation
2 = Hot Water Generator without factory installed pump, No Insulation
3 = No Hot Water, Insulation
5 = Hot Water Generator without factory installed pump, Insulation

Coax Options
C = Copper
N = Cupronickel
L = Source Cupronickel / Load Copper
R = Source Copper / Load Cupronickel

Control Options
A = Aurora™ Base Control (ABC)
B = Aurora™ Advance Control (ACC and ACC)
D = Aurora™ Performance and Refrigeration Package



W available on 208-230 only. Hot Water Generator required for no stage external pump to 208-230 heating only. Models are available only with copper drums and carried load coax. No cupronickel.



2GW Water Packaged Units

1 2 3 4 5 6 7 8 9 10 11 12 13 14
T 2 G W 1 0 2 1 N N H 1 2 C A

Brand
T = Encoditive™

Compressor Type
2 = Two Stage Compressor

Product Category
G = Geothermal

Product Type
W = Hydronic Packaged System (Water to Water)

Nominal BTU's
Thousands of BTU's

Discharge Air Configuration
1 = Top Mounted Connections
4 = Rear Mounted Connections

Return Air Configuration
N = None

Heating and/or Cooling
N = Heating and Cooling (Reversible)

Voltage/Frequency/Phase
1 = 208-230/60/1

Hot Water Options
0 = No Hot Water, No Insulation
3 = Hot Water, Insulation

Coax Options
B = Shared Plate

Blower Rotor Options
N = None

1GH Water Packaged Units

1 2 3 4 5 6 7 8 9 10 11 12 13 14
T 1 G H 2 4 5 N N H 1 2 C A

Brand
T = Encoditive™

Compressor Type
1 = Single Stage Compressor

Product Category
G = Geothermal

Product Type
H = Hydronic Packaged System (High Temp Rapid Injection Compressor)

Nominal BTU's
Thousands of BTU's (240, 250, 300)

Discharge Air Configuration
N = None

Return Air Configuration
N = None

Heating and/or Cooling
H = Heating Only
H = Heating and Cooling (Reversible)

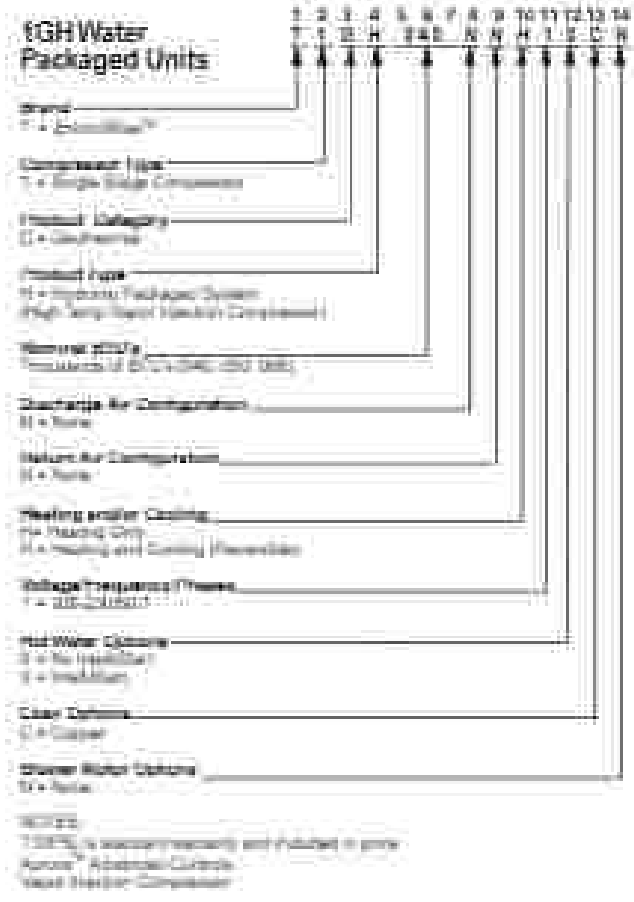
Voltage/Frequency/Phase
1 = 208-230/60/1

Hot Water Options
0 = No Insulation
3 = Insulation

Coax Options
C = Copper

Blower Rotor Options
N = None

NOTES:
1 GHPS is seasonal/warranty and included in price
Aurora™ Advanced Controls
Vapor Injection Compressor



For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

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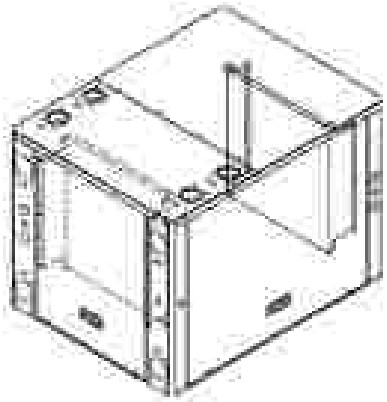
Water to Water Packaged Units



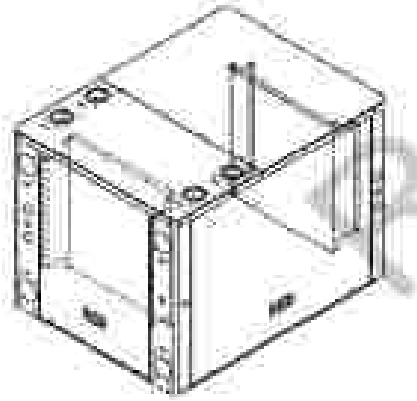
1GW Series
- Extended range operation (25-120°F EWT)
- Earth friendly R-410A refrigerant
- Grill series Aurora™ based controls
- Duration™ Scroll (single speed) compressors
- Expansion valve
- Special gray powder coated cabinet
- Factory computer run test
- ARI/AS/HRAE/ISO 13256-1 performance certified and UL/ETL safety listed
- Fully insulated cabinet, coax HE, water piping and ref. lines
- **10-year parts and 5-year labor allowance**

2GW Series
- Ultra compact 25"W x 32"D x 24"H
- Standard waterlines out the back or front (field convertible via control box)
- Factory optional top waterlines
- High efficiency brazed plate heat exchanger
- High efficiency scroll compressors (2)
- Optional insulation
- Aurora™ Advanced Control package
- **10-year parts and 5-year labor allowance**

Table GEO-10-A — 1GW - 2GW Hydronic Heat Pumps

Unit Model No. Refrigerant	Power Supply Volts/Hz/Phase	Nominal Cooling Capacity (Btuh)	Nominal Heating Capacity (Btuh)	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Water Supply and Return Size	Min Circ Amp	Max Fuse
T1GW018	208-230/60/1	17,300	15,000	25.1x15.5x23.6	213	1	25.1	30
T1GW025	208-230/60/1	24,700	22,000	25.1x15.5x23.6	247	1	34.1	35
T1GW040	208-230/60/1	37,700	31,000	26.2x22.0x31.0	305	1	39.2	50
T1GW050	208-230/60/1	51,500	44,000	26.2x22.0x31.0	340	1	40.2	60
T1GW060	208-230/60/1	58,000	50,000	26.2x22.0x31.0	360	1	44.8	70
T1GW075	208-230/60/1	68,400	62,000	26.2x22.0x31.0	390	1	40.8	80
T2GW100	208-230/60/1	100,000	82,000	24.1x25.56x33.9	385	2	33.0/41.4	50/60
T2GW120	208-230/60/1	114,000	93,000	24.1x25.56x33.9	390	2	37.5/46.8	60/70
T2GW150	208-230/60/1	147,000	123,000	24.1x25.56x33.9	395	2	33.5/42.3	60/80
T2GW180	208-230/60/1	195,000	139,000	24.1x25.56x33.9	415	2	40.1/48.3	70/80

*For models not listed and unit details, please refer to the Geothermal Hydronic Heat Pump Product Data publication



1GH Series
- Extended range operation (25-120°F EWT)
- HE Demo 1GH Leaving Water Temps
- Earth friendly R-410A refrigerant
- Aurora™ Advanced Controls
- Single Stage Vapor Injection Scroll Compressor
- Expansion Valve
- 3 sizes - 040, 050 and 060 Capacity
- Boiler Replacement Option
- Powder coated cabinet
- ARI/AS/HRAE/ISO 13256-1 performance certified and UL/ETL safety listed
- **10-year parts and 5-year labor allowance**

Table GEO-10-B — 1GH H Series (High Temperature) Hydronic Heat Pump (3-5 Tons)

Unit Model No. Refrigerant	Power Supply Volts/Hz/Phase	Nominal Cooling Capacity (Btuh)	Nominal Heating Capacity (Btuh)	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Water Supply and Return Size	Min Circ Amp	Max Fuse
T1GH040	208-230/60/1 (1)	38,000	34,000	26.2 x 22.0 x 31.0	320	1	25.5	40
T1GH050	208-230/60/1	44,000	40,000	26.2 x 22.0 x 31.0	333	1	37.5	60
T1GH060	208-230/60/1	54,000	56,000	26.2 x 22.0 x 31.0	375	1	39.5	60

*For models not listed and unit details, please refer to the Geothermal Hydronic Heat Pump Product Data publication

(1) Voltage and soft start available in this size

Models listed are representative ONLY. Please refer to model nomenclature for product line configuration.

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

Effective 1/1/18
14-1011.00

Product Only

Geothermal

Water to Water Packaged Units

Table GEO-11-A — Optional Accessories 1GW

Model Number	Description	Used With
Circulating Pump Kits		
24B815-1C	Load-side low flow pump (Bronze Wetted)	018, 024
EKPK10	Load-side pump kit, 1" cast iron volute	018, 024, 030
EKPK2	Load-side pump kit, 1" bronze volute	018, 024
EKPK30	Load-side pump kit, 1-1/4" cast iron volute	030, 036, 042
13P0038	Low voltage pump signal relay (contained inside pump)	018, 024, 030, 036, 042, 048
Water Connection Kits		
MAUFPT	1" MPT x 1" FPT w/1/4 tap, Lead free, Pr/Pr	018, 024, 030
MAUFPT	1-1/4" MPT x 1" FPT w/1/4 tap, Lead free, Pr/Pr	036, 042, 048
3-HOSE-1.25GP	Stainless steel hose kit 1"	018, 024, 030
3-HOSE-1.25GP	Stainless steel hose kit 1-1/4"	036, 042, 048
Hot Water Generator Pump Kit		
CPK1	Includes 2006-12F flange and fittings	018, 024, 030, 036
Air Pads		
AP2430	24" x 30" high density plastic	018, 024, 030
AP30	30" x 30" high density plastic	036, 042, 048
APF24GE	2" FBX foam w/plate	018, 024
APF30GE	2" FBX foam w/plate	030, 036, 042, 048

(1) Not for use in 018 and 024 positive water applications.

Table GEO-11-B — Optional Accessories 2GW

Model Number	Description
Hose Kit(1)	
CRSUBY200-24	2" Stainless Steel Hose kit, Y-Strainer, ball Valves, and air Manifold
Water Connection Kit(1)	
CNXCRH	Service side CR Load side use fittings, P/T plugs
Large Flow Centers(2)	
FCL1-3024	1 Grundfos 3 speed pump (24 feet of head at 50 GPM)
FCL2-3024	2 Grundfos 3 speed pumps (24 feet of head at 50 GPM)
FCL1-3036	1 Grundfos 3 speed pump (36 feet of head at 50 GPM)
FCL2-3036	2 Grundfos 3 speed pumps (36 feet of head at 50 GPM)
FCL1-3050	1 Grundfos 3 speed pump (50 feet of head at 50 GPM)
FCL2-3050	2 Grundfos 3 speed pumps (50 feet of head at 50 GPM)
Load-side Pump (pump and 2 "GL" fittings)	
PMLS2-15S	1 Grundfos 3 speed pump (15 feet of head at 50 GPM)
PMLS2-19S	1 Grundfos 3 speed pump (19 feet of head at 50 GPM)
PMLS2-24S	1 Grundfos 3 speed pump (24 feet of head at 50 GPM)
Large Flow Centers Fittings (sets of 2)(2)	
GLFPT	1.5" FPT x 2" Grooved
GLSPT	2" FPT x 2" Grooved
SLAPT	Pipe Adapter
Flow Switch Kit	
FPS005	Flow Switch Kit
Connection Kit	
CNTL	1-1/4" MPT x 1-1/4" hose barb, brass elbow w/ 1/4" P/T plugs
Rubber Hose Kit w/ Strainer	
CKSL-3C3	CKS, 3', 8" 1-1/4" rubber hose, pair 1-1/4" hose barb x 1-1/4 XL style fittings, steel hose clamps, with mesh screen strainer

(1) Hose pair can be used for both load and source side. 2 sets are need to be purchased for fittings for both sides.
(2) Only shipped from weston. Does not include freight.

Water to Water Packaged Units

Table GEO-12-A — Optional Accessories 1GH

Model Number	Description	Used With
Circulating Pump Kits		
EWPK1	Load-side pump kit, 1" PTP, cast iron volute	040
EWPK3	Load-side pump kit, 1 1/4" cast iron volute	050, 060
13P0038	Low voltage pump signal relay (combined source pumps)	040, 050, 060
Water Connection Kits		
MA4FPT	1" MPT x 1" FPT w/1/4 tap, Load Side W-W	040
MA5FPT	1 1/4" MPT x 1" FPT w/1/4 tap, Load Side W-W	050, 060
WFI-HKM-100-24-MI	Stainless steel hose kit 1"	040
WFI-HKM-125-24-MI	Stainless steel hose kit 1 1/4"	050, 060
Hot Water Generatorer Pump Kit		
DPK1	Includes 230v 1125 hd pump and fittings	040, 050, 060
Air Pads		
AP2430	AP1-High density plastic	040
AP32	AP1-High density plastic	050, 060
APF2634	2" PEX foam, cuspide	040, 050, 060

Read Only

HydroLogic™ Control

- Water to Water Load Side Zone Control
- Multi Driven Software
- Adjustable setpoints and deadbands
- Pump control strategies
- Lead/Lag logic
- Utilizes Geo Storage tank sensor
- **2-year parts & labor allowance warranty included in list price**

Table GEO-13-A — HydroLogic™ Control

Model Number	Specification	Unit Compatibility
HZC	HydroLogic™ Control Only	All
HLP2E2FU	HydroLogic™ Control 2 Zone Expansion Panel - uninsulated	All
HLP4E2FU	HydroLogic™ 4 Zone Expansion Panel - uninsulated	All
HLP2E2IF	HydroLogic™ 2 Zone Expansion Panel - insulated	All
HLP4E4IF	HydroLogic™ 4 Zone Expansion Panel - insulated	All
HEPC0U	HydroLogic™ Control Panel - Combination Systems - Up to 3 Tons - uninsulated	"26Y"
HEP06U	HydroLogic™ Control Panel - Combination Systems - Up to 5 Tons - uninsulated	"42Y"
HEP30U	HydroLogic™ Control Panel - Water-to-Water Systems - Up to 3 Tons - uninsulated	"10W, "13H
HEP60U	HydroLogic™ Control Panel - Water-to-Water Systems - Up to 5 Tons - uninsulated	"12W, "15H
HEPC0I	HydroLogic™ Control Panel - Combination Systems - Up to 3 Tons - insulated	"26Y"
HEP06I	HydroLogic™ Control Panel - Combination Systems - Up to 5 Tons - insulated	"42Y"
HEP30I	HydroLogic™ Control Panel - Water-to-Water Systems - Up to 3 Tons - insulated	"10W "13H
HEP60I	HydroLogic™ Control Panel - Water-to-Water Systems - Up to 5 Tons - insulated	"12W "15H
TP42H01	Touchscreen Thermostat - 4 Heat / 2 Cool	All
TP10H01	Fixed Touchscreen Thermostat - 1 Heat / 0 Cool	All
TX10H01	Setback Thermostat - 1 Heat / 1 Cool	All
HDPL012	Thermostat Anchor Plate	All

Note: HZC is for field configuration with no boxes.
Hydronic Variable Volume Systems

Retired

BUILT TO A HIGHER STANDARD

American Standard

HEATING & AIR CONDITIONING

Triple Function Hybrid Water to Air Systems

Geothermal

GY Series Hybrid Systems

1	2	3	4	5	6	7	8	9	10	11	12	13	14
T	2	G	Y	0	3	2	T	R	R	1	0	C	1

Brand
T = EnviroWise™

Compressor Type
2 = Single Stage Compressor

Product Category
G = Geothermal

Product Type
Y = Premium Packaged System (Water to Air plus Radiant Heating)

Nominal BTU's
Thousands of BTU's

***Discharge Air Configuration**
T = Top (Vertical)
R = Rear (Vertical 044-072 Only)

***Return Air Configuration**
L = Left Painted
R = Right Painted

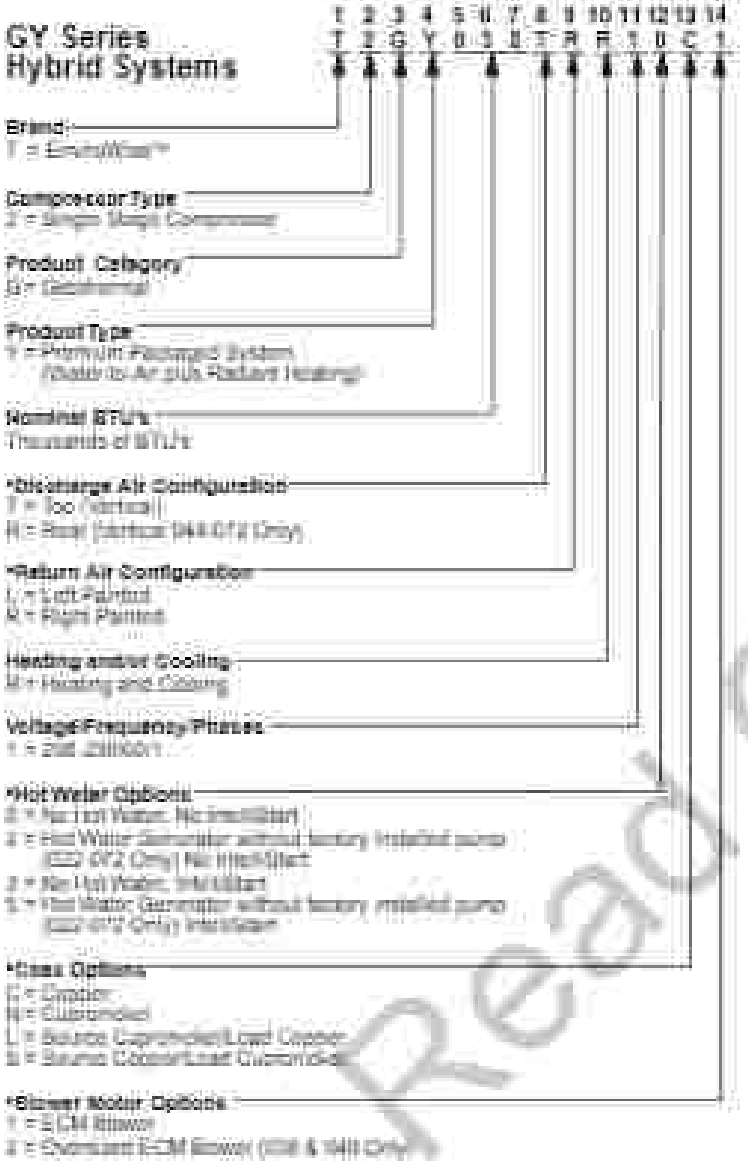
Heating and/or Cooling
R = Heating and Cooling

Voltage/Frequency/Phases
1 = 208-230/60/1

***Hot Water Options**
0 = No Hot Water, No Inlet/Start
2 = Hot Water Generator without factory installed pump (022-072 Only) No Inlet/Start
3 = No Hot Water, Inlet/Start
5 = Hot Water Generator without factory installed pump (022-072 Only) Inlet/Start

***Coax Options**
C = Copper
N = Cupronickel
L = Source Cupronickel/Load Copper
S = Source Copper/Load Cupronickel

***Blower Motor Options**
1 = ECM Blower
2 = Overscaled ECM Blower (038 & 048 Only)



Capacities
Two Stage = 038, 048, 064, 072

*Select desired options to create specific model number.
Note: The factory installed water option (hot water generator) does not include factory reversal (including pump or temperature control).
DPHS (optional separately) includes field installed circulator, hot water tank adaptor, temperature limit and installation instructions.

Read Only

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

BUILT TO A HIGHER STANDARD

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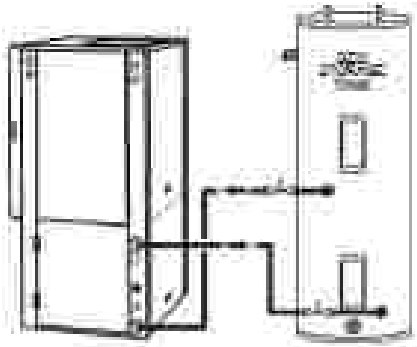
HEATING & AIR CONDITIONING

Triple Function Hybrid Water to Air Systems



- Extended range operation (20-120°F EWT)
- Hybrid "3 in 1" system: space heat, space cool, hot water to radiant floor zones
- Optional hot water generator
- Earth friendly R-410A refrigerant
- Premier 2 microprocessor based controls
- Dunflex™ dual capacity scroll Compressor
- ECM variable speed fan motor
- FormShield™ coated air coil
- Expansion valve
- Optional internal electric heat
- 1" Swivel fittings
- Special grey powder coated heavy gauge galvanized cabinet
- Factory computer run test
- AHRI/ASHRAE/ISO 13256-1 performance certified and UL/ETL safety listed
- 2" filter rack with MERV 11 filter included
- 10-year parts and 5-year labor allowance

Quietmark

Table GEO-15-A — GY Series Hybrid Systems

Unit Model No.	Power Supply Volts/Hz/Phase	Nominal Cooling Capacity (Btuh)	Dimensions (in.) H x W x L	Shipping Weight (lbs.)	Supply Opening (inch)	Return Opening (inch)	Filter Size	Water Conn. Outlet Size	Min Circ. Amp	Max Fuse
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

* For models not listed and other options, please refer to the Geothermal Heat Pump with Water Heating Supplement Price Addendum, Product data publication.

Table GEO-15-B — Optional Accessories

Model Number	Description	Used With
Disposable Pleated Filters, 2" MERV11(1)		
[illegible]	Vertical Units (2Ton)	[illegible]
[illegible]	Vertical Units (3Ton)	[illegible]
[illegible]	Vertical Units (5Ton)	[illegible]
Air Pads for Vertical Units		
[illegible]	3P - High density plastic	[illegible]
[illegible]	3PF - 3" PEX foam, cutable	[illegible]
Vertical Auxiliary Heaters		
[illegible]	Vertical Auxiliary Heater	[illegible]
[illegible]	Vertical Auxiliary Heater	[illegible]
[illegible]	Vertical Auxiliary Heater	[illegible]
Horizontal Auxiliary Heaters		
[illegible]	Horizontal [illegible] (Right Discharge Units Only)	[illegible]
[illegible]	Horizontal [illegible] (Left Discharge Units Only)	[illegible]
[illegible]	Horizontal [illegible] (Downflow Units Only)	[illegible]
Hot Water Generator Pump Kit		
[illegible]	[illegible]	[illegible]
Thermostats (All Cooling, 2H, 2C, Dual Fuel Compatible)		
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]

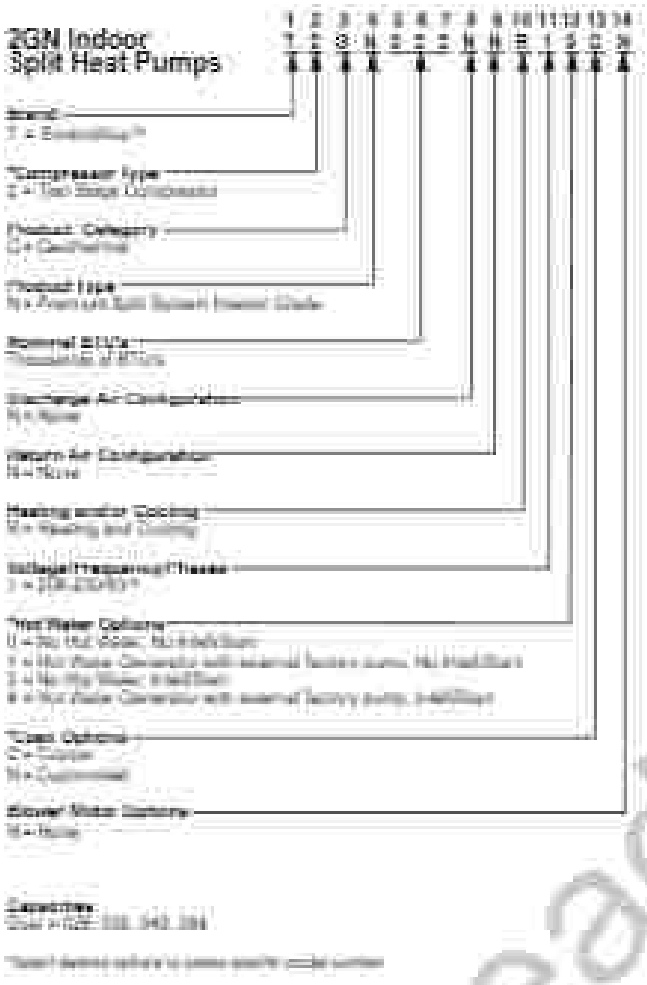
(1) Minimum efficiency 2.
(2) Requires Operation 15-4219 Accessory Control Board.
(3) Requires Operation 15-4219 Accessory Control Board, Water Discharge Sensor only.
(4) Must be purchased with any 5 ton hot water generator option.
Note: For thermostat accessories, please see thermostat price book.

Models listed are representative ONLY. Please refer to model nomenclature for product line configuration.

For complete equipment / combination selections, installation instructions and warranty information, please refer to Price-it! Data Ratings and/or Installers Guides and Limited Warranty Pamphlets.

Effective 1/1/10
TA-197-1-09

Split Heat Pump Units



Read Only

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installation, Owner's and Limited Warranty Handbooks.

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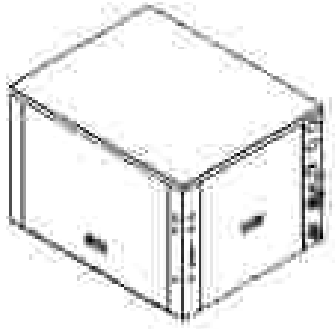
American Standard

HEATING & AIR CONDITIONING

Split Heat Pump Units



- Extended range operation: -20ºF (-28ºF EWT)
- Earth friendly R-410A refrigerant
- Durafion™ Dual rotating scroll compressor
- Precise 2 microprocessor based controls with fault indicator Lights
- Expansion valve
- 1" Swivel fittings
- Special grey powder coated heavy gauge galvanized cabinet
- Accumulator on all models
- Factory computer run test
- AHRI/ASHRAE/ISO 13256-1 performance certified and UL/ETL safety listed
- **10-year parts and 5-year labor allowance**

Table GEO-17-A — 2GM Indoor Split Heat Pumps

Unit Model No.	Power Supply Volts/Hz/Phase	Nominal Cooling Capacity (Btuh)	Dimensions (in.) H x W x L	Shipping Weight (lbs.)	Refrigerant Suction Line (in.)	Refrigerant Liquid Line (in.)	Min Circ Amp	Max Fuse
T2GN42E	208-230/60/1	36,000	31.25x25.5x31.5	259	⅞	⅜	19.8	30
T2GN48E	208-230/60/1	35,000	31.25x25.5x31.5	259	⅞	⅜	24.4	40
T2GN54E	208-230/60/1	47,700	31.25x25.5x31.5	270	⅞	⅜	31.8	50
T2GN60E	208-230/60/1	54,100	31.25x25.5x31.5	281	⅞	⅜	35.1	70

(1) 25' Line Set Length. Consult Guide for other lengths.

(2) For models and detail and unit details, please refer to the Commercial Indoor Split Heat Pump Product Offering Catalog.

Table GEO-17-B — Optional Accessories

Model Number	Description	Used With
Air Pads		
AP32	APS High density plastic	30K, 036, 048, 054
AP42/54	APS 2" PEF Foam, outside	042, 048, 060, 064
Thermostats (All Controls, SH, SC, Dual Fuel Compatible)		
A2DRES9AL02A	IIIC Premium Control (Requires Relay Panel)	
BAYSYSRPNC02A	24 Volt Interface Relay Panel for 300 Control	
ACONT402AN02A	Non-Programmable Comfort Control	
ACONT504AS42A	24 Volt Color Touchscreen Control	

Models listed are representative ONLY. Please refer to model nomenclature for product line configuration.

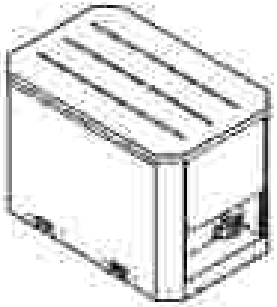
For complete equipment / combination selection, installation instructions and warranty information, please refer to Price-it! Data Ratings and/or Installers Guides and Limited Warranty Handbooks.

Effective 1/1/19
TP-107-1-US

Read Only

BUILT TO A HIGHER STANDARD.
American Standard
HEATING & AIR CONDITIONING

Split Heat Pump Units



- Extended range operation (20-120°F/-6-49°C)
- Earth Friendly R-410A Refrigerant
- Rated for outdoor installation
- Premier 2 microprocessor based controls with fault indicator lights
- Dyulation™ 2 stage scroll compressor
- Expansion valve
- Grey powder coated heavy gauge galvanized cabinet
- Accumulator on all models
- Factory computer run test
- AHRI/ASHRAE/ISO 13256-1 performance certified and UL/ETL safety listed
- Internally mounted flow center (if ordered) (factory installed)
- **10-year parts and 5-year labor allowance**

Table GEO-1E-A — 2GE Outdoor Split Heat Pumps

Unit Model No.	Power Supply Volts/Hz/Phase	Nominal Cooling Capacity (Btu/h)	Dimensions (in.) H x W x L	Shipping Weight (lbs.)	Refrigerant Suction Line①	Refrigerant Liquid Line①	Min Circ Amp	Max Fuse
T2GE024	208-230/60/1	24,200	28.7x36.6x23.8	209	¾	⅜	17	25
T2GE036	208-230/60/1	33,200	28.7x36.6x23.8	236	¾	⅜	22.4	40
T2GE048	208-230/60/1	47,700	28.7x36.6x23.8	270	⅞	½	28.5	50
T2GE060	208-230/60/1	55,100	28.7x36.6x23.8	291	⅞	½	33.4	60
T2GE072	208-230/60/1	62,700	28.7x36.6x23.8	318	⅞	½	36	60

①7/8" (ship Set Length). Contact Trane for other supplies.

* For accurate sizing based upon job location, please refer to the GeoHorizontal/Water Source Outdoor Unit Heat Pump Engineering Guide publication.

Table GEO-1E-B — Optional Accessories

Model Number	Description	All GE Unit Sizes
Mounting Pad		
MP042	Bolmac 16, 3/4 x 8" molded polyethylene	
Thermostats (All Control's - 1H, 2C, Dual Fuel Compatible)		
ADHEE00AEDDA	Trane Premium Control (Requires Relay Panel)	
BAYCHRRC02DA	24 volt Interface Relay Panel for Trane Control	
ACONT402AB02DA	Non-Programmable Comfort Control	
ACONT502AB42DA	24 Volt Color Touchscreen Control	

Read Only

Models listed are representative ONLY. Please refer to model nomenclature for product line configuration.

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installation, Owner and Limited Warranty Handbooks.

BUILT TO A HIGHER STANDARD
American Standard
HEATING & AIR CONDITIONING

Air Handlers and Coils

TAMG Air Handler

1 2 3 4 5 6 7 8 9 10 11 12 13 14
1 A B C D E F G H V S T D A

Brand
T = Controlled™

Product Type
A = Air Handler

Convertability
B = Multi-poise Airflow

Product Tier
C = Basic Geothermal

Major Design Change
B = Current

No Description
D = Air Handler / Coil

Size (Footprint)
A = 17.5 x 21.5
B = 21.5 x 21.5
C = 23.5 x 21.5

Cooling Size: Air Handler or Coil
[illegible]

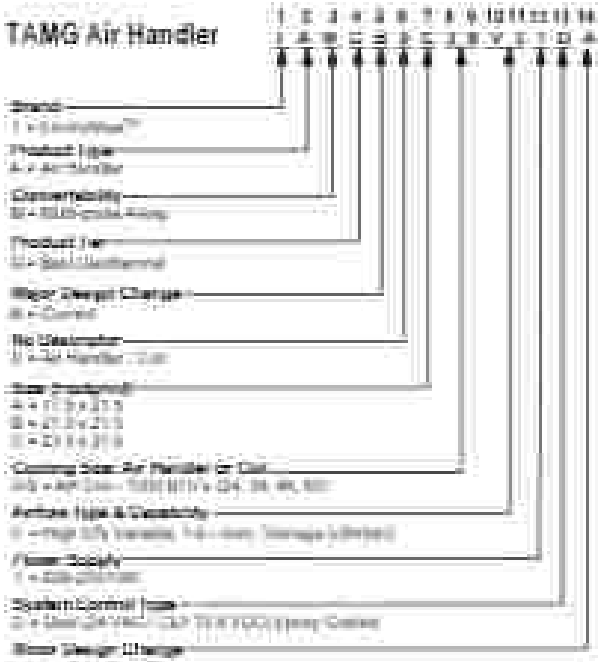
Airflow Type & Capacity
[illegible]

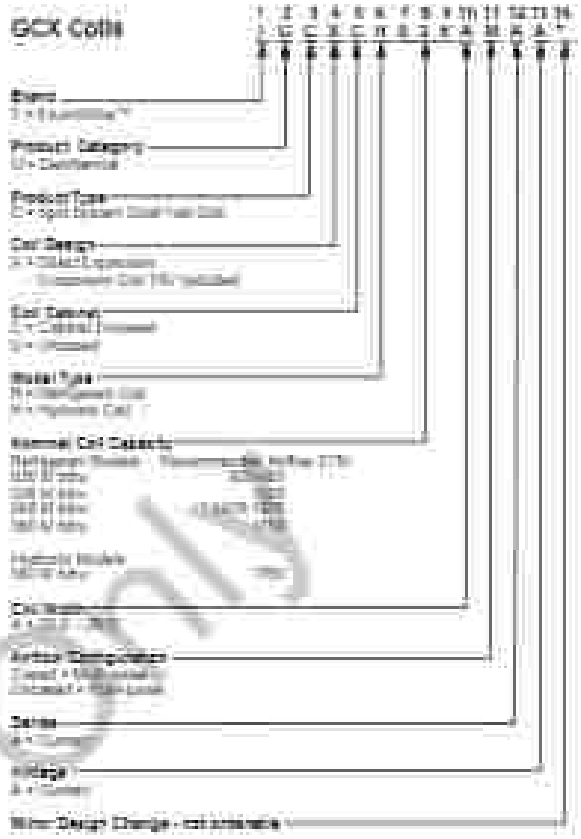
Power Supply
[illegible]

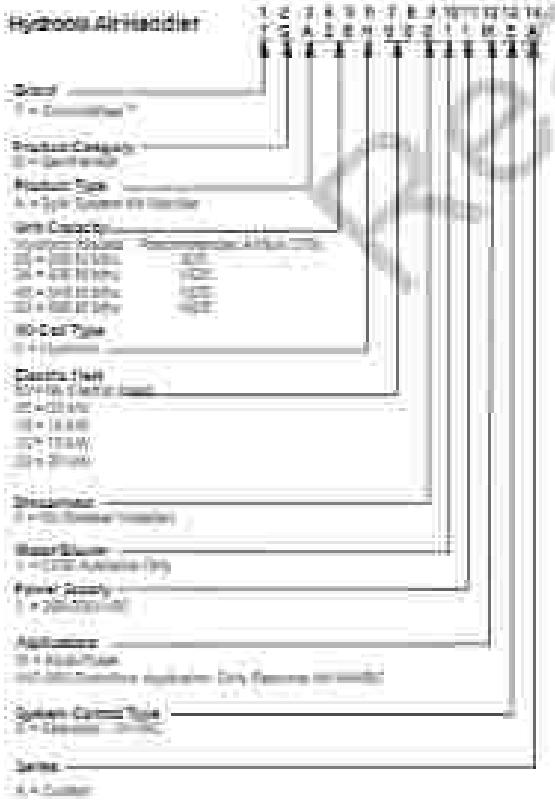
System Control Type
[illegible]

Minor Design Change

GCX Coils







1 2 3 4 5 6 7 8 9 10 11 12 13 14
1 G C X C H S S K A M K A T

Brand
T = Controlled™

Product Category
G = Geothermal

Product Type
C = Split System Coil Fan Coil

Coil Design
X = Static Expansion
Component Coil (TX) (included)

Coil Cabinet
C = Cabinet Enclosed
S = Unclosed

Model Type
H = Refrigerant Coil
K = Hydronic Coil

Nominal Coil Capacity
Refrigerant Models Recommended Airflow (CFM)
[illegible]

Hydronic Models
[illegible]

Coil Width
[illegible]

Airflow Configuration
Closed = [illegible]
Unclosed = [illegible]

Series
A = Current

Voltage
A = Current

Minor Design Change - not interable

Hydronic Air Handler

1 2 3 4 5 6 7 8 9 10 11 12 13 14
1 G A S B H V S S T M K A

Brand
T = Controlled™

Product Category
G = Geothermal

Product Type
A = Split System Air Handler

Unit Capacity
Hydronic Models Recommended Airflow (CFM)
[illegible]

HX Coil Type
[illegible]

Electric Heat
[illegible]

Stratification
[illegible]

Motor Blower
[illegible]

Power Supply
[illegible]

Applications
[illegible]

System Control Type
[illegible]

Series
A = Current

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

Effective 1/1/19
14-10/11-20

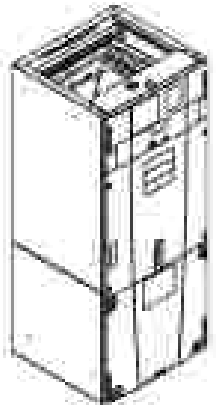
Read Only

BUILT TO A HIGHER STANDARD

American Standard

HEATING & AIR CONDITIONING

Split Air Handlers



- Unique cabinet design
- 2% or less air leakage
- Double wall foamed cabinet system
- 2 lb 4.2 insulating value (Avg. Insulating Value R-8.2)
- No loose fiber design
- Smooth cleanable interior design
- Sound eliminating design
- Composite foamed cabinet doors
- Water proof cabinet design
- Integrated horizontal drain pans
- Modular cabinet
- Control board protection (wood built into cabinet wall)
- Sloped coated coil
- Multi-position (convertible horizontal/ upflow)
- Variable speed ECM motor
- Electronic Expansion Valve (EEV)
- Aluminum coil with integrated slide rack for easy removal and extended plug connections on coil EEV
- Molded in 1" standard filter rail
- Alert port to view control board codes without door removal
- Vertiflo® blower with (stacked) plug connections and integrated door door for easy removal
- 10-year parts warranty registered
- No labor warranty. Extended Labor Warranty packages available

Table GEO-20-A — TAMG Variable Speed R-410A 208-230/1/60

Unit Model No.	Cooling Capacity (Btuh)	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Supply Opening	Return Opening	Filter Size	Line Size Gas / Liquid
TAMGB[illegible]	24000	49.3/4 x 17.3/4 x 21.5	125	14.3/4 x 14.3/4	14.3/4 x 17.1/2	[illegible]	[illegible]
TAMGB[illegible]	30000	53.3/4 x 21.3/4 x 21.5	137	20.3/4 x 14.3/4	20.3/4 x 17.1/2	[illegible]	[illegible]
TAMGB[illegible]	36000	61.7/8 x 23.3/4 x 21.5	154	20.3/4 x 14.3/4	20.3/4 x 17.1/2	[illegible]	[illegible]
TAMGB[illegible]	42000	61.7/8 x 23.3/4 x 21.5	163	20.3/4 x 14.3/4	20.3/4 x 17.1/2	[illegible]	[illegible]

Table GEO-20-B — Optional Accessories

Model Number	Description	Used With
BAYEAC[illegible]A	3 kW (10400 BTU) electric heater, [illegible]	TAMGB[illegible]
BAYEAC[illegible]A	5 kW (17000 BTU) electric heater, [illegible]	TAMGB[illegible]
BAYEAC[illegible]A	10 kW (33800 BTU) electric heater, [illegible]	TAMGB[illegible]
BAYEAC[illegible]A	15 kW (51200 BTU) electric heater, [illegible]	TAMGB[illegible]
BAYEAC[illegible]A	20 kW (67600 BTU) electric heater, [illegible]	TAMGB[illegible]
BAYWAM[illegible]A	40,000 BTUH, [illegible]	TAMGB[illegible]
BAYWAC[illegible]A	48,000 BTUH, [illegible]	TAMGB[illegible]
BAYWAC[illegible]A	60,000 BTUH, [illegible]	TAMGB[illegible]
BAYSUFFL[illegible]	Supply Duct Flange A Cabinet	TAMGB[illegible]
BAYSUFFL[illegible]	Supply Duct Flange C Cabinet	TAMGB[illegible]
BAYRETFL[illegible]	Return Duct Flange A Cabinet	TAMGB[illegible]
BAYRETFL[illegible]	Return Duct Flange C Cabinet	TAMGB[illegible]
TAMBAYSB[illegible]	Plenum Base with Integrated Sound Baffle A cabinet	TAMGB[illegible]
TAMBAYSB[illegible]	Plenum Base with Integrated Sound Baffle C cabinet	TAMGB[illegible]
BAYKRIT[illegible]	Side Return Kit with 16"x20" Filter	TAMGB[illegible]
BAYSOU[illegible]	Sound Baffle Kit 21" Cabinet	TAMGB[illegible]
BAYSOU[illegible]	Sound Baffle Kit 24.5" Cabinet	TAMGB[illegible]
BAYSPEK[illegible]	Single Power Entry Kit	TAMGB[illegible]
BAYSRK[illegible]	Side Return Kit	TAMGB[illegible]
BAYCSK[illegible]	Internal Condensate Switch Kit	TAMGB[illegible]
BAYHHK[illegible]	Horizontal Hanger Kit	TAMGB[illegible]
BAYUVC[illegible]	UVC Lights	TAMGB[illegible]
BAYLVK[illegible]	Low Voltage Control Entry Kit	TAMGB[illegible]

(1) A Cabinet is 17.5" wide and C Cabinet is 23.3" wide.

(2) Contact your distributor for information.

(3) In return plenum applications, use 04K0284 kits for sound reduction.

(4) In open air applications, "Return Grand with Sound Baffle provides sound reduction.

Models listed are representative ONLY. Please refer to model nomenclature for product line configuration.

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installation Guides and Limited Warranty Handbooks.

Effective 1/1/18
14-1011.20

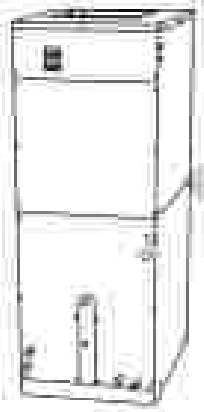
Heaters - Split Air Handlers

Table GEO-21-A — Heaters

AIR HANDLER	HEATER MODEL NUMBER ELEA=					
MODEL NUMBER	ADH3BK1BA 4.80 Kw BK	ADH3BK1BA 7.68 Kw BK	ADH3BK1BA 9.60 Kw BK	BK1BK1BA 14.40 Kw BK	BK2BK1BA 19.20 Kw BK	CK3BK1BA 24.00 Kw BK
TWH[illegible]C24V1DA	Y	Y	Y	—	—	—
TWH[illegible]C36V1DA	Y	Y	Y	Y	Y	—
TWH[illegible]C48V1DA	Y	Y	Y	Y	Y	Y
TWH[illegible]C60V1DA	Y	Y	Y	Y	Y	Y

Read Only

Hydronic Air Handlers



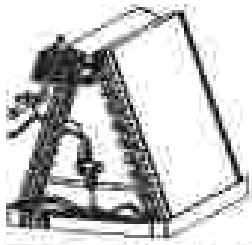
- Heavy-gauge galvanized steel with metallic baked powder coat finish
- Full depth cabinet insulation with 1/2" foil faced acoustic fiber insulation
- 3/4" thick foam insulation
- Multi-Position configuration
- 2-Piece separable cabinet for ease of installation
- Slide out blower assembly
- PSC motor
- 1" Filter rack with MERV 4 filter included
- Two stainless steel drain pans
- Hydronic "A" coil option
- AHRI/ASHRAE/ISO 13256-1 performance certified and UL/ETL safety listed
- 10-year parts and 5-year labor allowance

Table GEO-21-B — GA Hydronic Air Handlers

Unit Model No.	Power Supply Volts/Hz/Phase	Rated Airflow (CFM)	Dimensions (in.) H x W x L	Shipping Weight (lbs.)	Supply Opening (Coil)	Return Opening (Coil)	Filter Size	Water Inlet/ Outlet Size	Min Circ Amp	Max Fuse
TDA2[illegible]	208-230/60/1	525	57.3x21.0x29.1	220	18x15	17x22	20x24	¾	6	15
TDA3[illegible]	208-230/60/1	1200	57.3x21.0x29.1	220	18x15	17x22	20x24	¾	6	15
TDA4[illegible]	208-230/60/1	1525	57.3x21.0x29.1	220	18x15	17x22	20x24	¾	8.8	15
TDA5[illegible]	208-230/60/1	1750	57.3x21.0x29.1	220	18x15	17x22	20x24	¾	8.8	15

For complete equipment / combination selections, installation instructions and warranty information, please refer to Price-it! Data Ratings and/or Installers Guides and Unitary Handbooks.

GCX - Coils



- "N" Coil Design
- Electro-Coated Coil
- Copper Tube/ Aluminum Fin Design
- Factory Configured for Upflow and Horizontal Left
- Field configurable for Downflow or Horizontal Right
- Factory Installed TXV
- Sweat Connections
- Condensate Drain Pan Included

Table GEO-22-A — Common Model Configurations

Unit Model No. Cased Coil	Unit Model No. Matched Heat Pump	Recommended Airflow (CFM)	Cased Cabinet Dimensions (in.) H x W x D	Supply Connection Width/ Depth	Uncased Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Hydronic Connection (in/Out	Condensate Drain Connection, FIP
TGCXCP030	T2CH(E)036	825	25.1x23.6x26.5	19.6/24.1	23.7x20.5x24.5	105	N/A	¾
TGCXCP036	T2CH(E)036	1225	25.1x23.6x26.5	19.6/24.1	23.7x20.5x24.5	105	N/A	¾
TGCXCP042	T2CH(E)043	1525	25.1x23.6x26.5	19.6/24.1	23.7x20.5x24.5	105	N/A	¾
TGCXCP048	T2CH(E)049	1785	25.1x23.6x26.5	19.6/24.1	23.7x20.5x24.5	105	N/A	¾
TGCXCP060	T2CH(E)061	1785	25.1x23.6x26.5	19.6/24.1	23.7x20.5x24.5	105	N/A	¾
TGCXCH060	T2CH(E)061	1785	N/A	19.6/24.1	23.7x20.5x24.5	105	¾	¾

Read Only

Models listed are representative ONLY. Please refer to model nomenclature for product line configuration.

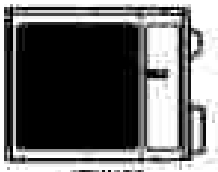
For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installation Guides and Limited Warranty Handbooks.

Standard Accessories

Table GEO-23-A — Accessories

Model Number	Description
GL Flow Centers and Accessories	
Pre-assembled with pumps, 3 way valves with flush ports, internal components insulated with foam. Horizontal or vertical mounting capability. GL flow centers c Dry Cont Relay valve and pump on/off, high mount solid-state cabinet (GLCHK2), and Loop Genuine Connection Kits.	
FCU-GL	1 Grundfos Pump
FCU-GL	2 Grundfos Pumps
3 brass adapters with FPT ends for unit connection, 90 reinforced 1" rubber hose for unit to flow center and two 1" GL x 1" hose bibs for flow center connection.	
CKAL-QU	Unit Connection Kit 1" GL x 1" Hose
Rubber Hose	
1" rubber hose for connecting from unit to flow center.	
RHOSE	50' of 1" Rubber Hose
Geo Storage Tank	
Use with HSI Water Optimizer Option or Hydronic Storage.	
GEO-STORAGE-50	50 L x 24
GEO-STORAGE-120	53 L x 28
Loop Expansion Tank	
LET	1½ Socket Fusion - 5 Gallon Capacity
Anti-Freeze	
ENV-D	55 Gallon Drum - Environol 2000 Pure
ENV-P	5 Gallon Pail - Environol 2000 Pure (minimum order quantity is 2 of 5 pails)
IntelliZone2-24V with Master stat 4 Zone Control - with Cabinet and 15' Blower Wiring Harness	
IntelliZone 24V	Non-communicating Zone system that operates on blower relay coil(s). Multi-floor zone dampers communicate based zone load requirements. Controls up to 4 zones without capacity compromise. Adaptive Recovery Differential. Zone sizes as small as 30% of whole house. Individual zone sensitivity, economy or comfort mode. Accepts wiring diagram for heating and cooling. Kit includes: - IntelliZone2 24V control board, intelliZone2 relay board, Communicating MasterStat and all duct temperature sensor.
ZoneStat	Zone Thermostat
ZoneStat	Zone Setback Thermostat
XFTR	Zone Transformer Kit - 208/240V - 24V
Earth Loop Flushing System	
High Volume, high head, self-priming pump. Quick connect hoses, heating or ay design. Mounted on a cart (All pipe is schedule 80 polypropylene).	
LFCART	
GLFIP	1" Open Loop Ball Valve for Flushing
Adapter Sets	
2 pcs. included in each set.	
CKBRASS	Unit Connector Insulation Kit
GLCPK	Swivel Hose Adapter for 1" GL with Restrictor
Service Tool Kit	
Includes 0 - 100 PSI Pressure Gauge, Pressure Regulator, FPT Port Adapter, Digital Thermometer, Loop Pressurizer, Alcohol, Specific Gravity Hydrometer.	
GEOTHERMAL-STK	SEPSTAT31, UFC, CAMT, TPTSMART, TUPGRADE (includes DPT100, PG100, GLFCP)
Intelli Start Kit	
Soft start retrofit kit, reduces locked rotor amps, reduces surf/boost, compressor voltage protector.	
SSTART3	Up to 3.5 Ton Unit
SSTART4	5 Ton and Larger

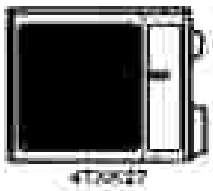
Ductless Single Zone System
Single Phase – ¾ - 3 Tons


4TXK38

4MXW38

Table DU-1-A — 38 Series R-410A Single Zone System HP — Single Phase, ¾ to 2 Ton(1)

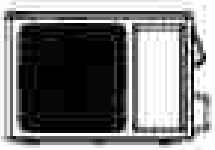
Outdoor Model Number Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTU/H)	Unpacked Dimensions (in) W	D	H	Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Line Size (in) OD Gas	OD Liq.
4TXK38B3RA1[0]NJA	208-230/1/60	9,000	35.4	14.3	23.5	105.2	53	9	15	⅝	⅜
4MXW38D1A1[0]NJA	208-230/1/60		39.2	9.8	11.8	35.4	46-44			⅝	⅜
4TXK38J2A1[0]NJA	208-230/1/60	12,000	35.4	14.3	23.5	105.2	53	9	15	⅝	⅜
4MXW38J2A1[0]NJA	208-230/1/60		39.2	9.8	11.8	35.4	46-44			⅝	⅜
4TXK38N1RA1[0]NJA	208-230/1/60	18,000	35.4	15.8	31.1	132.1	59	22	30	⅝	⅜
4MXW38N1RA1[0]NJA	208-230/1/60		43.3	9.8	12.8	44.1	54-51			⅝	⅜
4TXK38G4A1[0]NJA	208-230/1/60	22,000	35.4	15.8	31.1	132.1	59	22	30	⅝	⅜
4MXW38G4A1[0]NJA	208-230/1/60		43.3	9.8	12.8	44.1	57-52			⅝	⅜


4TXK27

4MXW27

Table DU-1-B — 27 Series R-410A Single Zone System HP — Single Phase, ¾ to 2 Ton(1)

Outdoor Model Number Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTU/H)	Unpacked Dimensions (in) W	D	H	Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Line Size (in) OD Gas	OD Liq.
4TXK27B3RA1[0]NJA	208-230/1/60	9,000	35.4	14.3	23.5	105.2	46	15	15	⅝	⅜
4MXW27D1A1[0]NJA	208-230/1/60		34.1	9.2	11.5	30.1	23-43			⅝	⅜
4TXK27J2A1[0]NJA	208-230/1/60	12,000	35.4	14.3	23.5	105.2	49	15	15	⅝	⅜
4MXW27J2A1[0]NJA	208-230/1/60		34.1	9.2	11.5	30.1	23-44			⅝	⅜
4TXK27N1RA1[0]NJA	208-230/1/60	18,000	37.4	15.4	30.7	119.0	54	15	20	⅝	⅜
4MXW27N1RA1[0]NJA	208-230/1/60		40.2	9.8	12.8	38.8	33-51			⅝	⅜
4TXK27G4A1[0]NJA	208-230/1/60	24,000	39.8	15.8	31.1	165.3	58	20	30	⅝	⅜
4MXW27G4A1[0]NJA	208-230/1/60		40.4	13.4	32.8	47.4	56-52			⅝	⅜


4TXK36

4MXW36

Table DU-1-C — 36 Series R-410A Single Zone System HP — Single Phase, ¾ to 3 Ton(1)

Outdoor Model Number Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTU/H)	Unpacked Dimensions (in) W	D	H	Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Line Size (in) OD Gas	OD Liq.
4TXK36B3RA1[0]NJC	208-230/1/60	9,000	35.4	12.6	21.3	90.3	50	15	15	⅝	⅜
4MXW36D1A1[0]NJC	208-230/1/60		33.7	7.1	10.6	23.6	22-42			⅝	⅜
4TXK36J2A1[0]NJC	208-230/1/60	12,000	35.4	12.6	23.2	96.9	53	15	15	⅝	⅜
4MXW36J2A1[0]NJC	208-230/1/60		33.7	7.1	10.6	23.6	30-44			⅝	⅜
4TXK36N1RA1[0]NJC	208-230/1/60	18,000	37.4	15.4	27.4	119.1	56	15	20	⅝	⅜
4MXW36N1RA1[0]NJC	208-230/1/60		37	7.9	11.7	37.4	35-49			⅝	⅜
4TXK36G4A1[0]NJC	208-230/1/60	21,400	39.8	15.8	31.1	146.3	58	15	30	⅝	⅜
4MXW36G4A1[0]NJC	208-230/1/60		39.8	9.8	12.8	46.2	51-53			⅝	⅜
4TXK36T4A1[0]NJC	208-230/1/60	23,900	39.8	15.8	31.1	170	59	24	35	⅝	⅜
4MXW36T4A1[0]NJC	208-230/1/60		51	10	13.8	53.5	54-60			⅝	⅜

(1) Refer to the AHRI Directory for certified combinations and product performance.

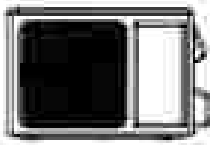
* Information subject to change. Please confirm with current Product Data for current factory production.

** Sound Pressure Level @1.5 ft (0.5 m)

BUILT TO A HIGHER STANDARD

American Standard
HEATING & AIR CONDITIONING

Ductless Single Zone System
Single Phase – ¾ - 2 Tons

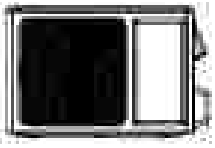


4TXH22

4MXW22

Table DU-2-A — 22 Series R-410A Single Zone System HP — Single Phase, ¾ to 3 Ton(1)(2)

Outdoor Model Number Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in) W D H	Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Line Size (in) OD Gas	Line Size (in) OD Liq.
4TXH22B4A1[illegible]	208-230/1/60	9,000							
4MXW22B4A1[illegible]	208-230/1/60								
4TXH22D4A1[illegible]	208-230/1/60	12,000							
4MXW22D4A1[illegible]	208-230/1/60								
4TXH22F4A1[illegible]	208-230/1/60	18,000							
4MXW22F4A1[illegible]	208-230/1/60								
4TXH22H4A1[illegible]	208-230/1/60	24,000							
4MXW22H4A1[illegible]	208-230/1/60								
4TXH22J4A1[illegible]	208-230/1/60	30,000							
4MXW22J4A1[illegible]	208-230/1/60								
4TXH22L4A1[illegible]	208-230/1/60	36,000							
4MXW22L4A1[illegible]	208-230/1/60								

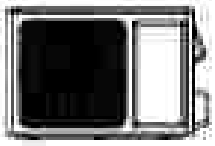


4TXK18

4MXW18

Table DU-2-B — 18 Series R-410A Single Zone System HP — Single Phase, ¾ to 2 Ton(1)(2)

Outdoor Model Number Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in) W D H	Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Line Size (in) OD Gas	Line Size (in) OD Liq.
4TXK18B4A1[illegible]	208-230/1/60	9,000	33.0 12.0 21.3	70.4	52	9	15	⅜	¼
4MXW18B4A1[illegible]	208-230/1/60		31.1 7.9 10.8	24.3	29-43			⅜	¼
4TXK18D4A1[illegible]	208-230/1/60	12,000	33.0 12.0 21.3	75	53	9	15	⅜	¼
4MXW18D4A1[illegible]	208-230/1/60		33.3 8.2 11.4	28.7	29-45			⅜	¼
4TXK18H4A1[illegible]	208-230/1/60	18,000	37.0 15.0 27.5	109.5	56	16	25	⅜	½
4MXW18H4A1[illegible]	208-230/1/60		38.2 8.8 11.8	36.4	35-48			⅜	½
4TXK18J4A1[illegible]	208-230/1/60	22,000	37.0 15.0 27.5	125.3	58	19	25	⅜	½
4MXW18J4A1[illegible]	208-230/1/60		42.4 8.7 12.8	40.2	36-48			⅜	½



4TYK18

4MYW18

Table DU-2-C — 18 Series R-410A Single Zone System AC — Single Phase, ¾ to 2 Ton(1)(2)

Outdoor Model Number Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in) W D H	Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Line Size (in) OD Gas	Line Size (in) OD Liq.
4TYK18B4A1[illegible]	208-230/1/60	9,000	33.0 12.0 21.3	71.7	52	9	15	⅜	¼
4MYW18B4A1[illegible]	208-230/1/60		31.1 7.9 10.8	24.3	29-43			⅜	¼
4TYK18D4A1[illegible]	208-230/1/60	12,000	33.0 12.0 21.3	76.1	53	9	15	⅜	¼
4MYW18D4A1[illegible]	208-230/1/60		33.3 8.2 11.4	28.7	29-45			⅜	¼
4TYK18H4A1[illegible]	208-230/1/60	18,000	37.0 15.0 27.5	109.5	56	16	25	⅜	½
4MYW18H4A1[illegible]	208-230/1/60		38.2 8.8 11.8	36.4	35-48			⅜	½
4TYK18J4A1[illegible]	208-230/1/60	22,000	37.0 15.0 27.5	113.6	58	19	25	⅜	½
4MYW18J4A1[illegible]	208-230/1/60		42.4 8.7 12.8	40.2	36-48			⅜	½

(1) Refer to the AHRI Directory for certified combinations and product performance.
(2) Do not install a 4[illegible]TXH outdoor unit with a 4MXW indoor unit or a 4[illegible]TXK outdoor unit with a 4MYW[illegible] indoor unit.
(3) Model not available at time of printing. Online handbook section will be updated at time of product launch.
*, Information subject to change. Please confirm with current Product Data for current factory provisions.
** Sound Pressure Level @3.3 ft. dB (A)

Ductless

BUILT TO A HIGHER STANDARD

American Standard

HEATING & AIR CONDITIONING

Ductless Single-Zone Units

Table DU-3-A — Features

	4TXK33 Single Zone HP up to 33 SEER	4TXK27 Single Zone HP up to 27 SEER	4TXK35 Single Zone HP 35 SEER	4TXR18 Single Zone HP 18 SEER	4TYK18 Single Zone AC 18 SEER
• R410A refrigerant	✔	✔	✔	✔	✔
• Nominal capacity 9-24 MBH	✔	✔	✔	✔	✔
• Nominal capacity 9-36 MBH	—	—	✔	—	—
• Cooling efficiency 18 SEER	—	—	—	✔	✔
• Cooling efficiency range 18-22 SEER	—	—	✔	—	—
• Cooling efficiency range up to 27 SEER	—	✔	—	—	—
• Cooling efficiency range up to 33 SEER	✔	—	—	—	—
• Heating efficiency range 8.2-13 HSPF	✔	✔	✔	✔	—
• Heat Pump	✔	✔	✔	✔	—
• Crankcase heater	9+, 12k	18k through 24k	18k, 24k, 36k	—	—
• Fan heater	✔	9k, 12k, 18k, 24k	18k, 24k, 36k	✔	—
• Cooling only	—	—	—	—	✔
• Low sound level	✔	✔	✔	✔	✔
• Blue fin anti-corrosion treatment	✔	✔	✔	✔	✔
• Energy Star qualified	✔	✔	✔	—	—
• ETL and AHRI listed	✔	✔	✔	✔	✔
• Sleep mode function	✔	✔	✔	✔	✔
• Memory reset function	✔	✔	✔	✔	✔
• Low ambient cooling to 0°F	✔	✔	✔	✔	✔
• Low ambient heating to -4°F	✔	✔	—	✔	—
• Low ambient heating to -22°F	✔	—	—	—	—
• Improved air quality with active carbon and catechin filters	✔	✔	✔	✔	✔
• **Registered limited warranty 10-year on all functional parts**(1).	✔	✔	✔	✔	✔
• **Optional extended warranties available through third parties.**	✔	✔	✔	✔	✔

(1) Registered Limited Warranty terms are available when these products are registered within 60 days of installation. Registration can be done online at www.trane.com/residential or by phone at 800-894-6326; otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on AHDirectPro.com.

Table DU-3-B — Optional Outdoor Unit Accessories

Model Number	Description	4TXK33 Single Zone HP up to 33 SEER	4TXK27 Single Zone HP up to 27 SEER	4TXK35 Single Zone HP 35 SEER	4TXR18 Single Zone HP 18 SEER	4TYK18 Single Zone AC 18 SEER
TWREFLN009	Lineset Kit ¼ x ⅜ - 9'	—	—	✔	✔	✔
TWREFLN025	Lineset Kit ¼ x ⅜ - 25'	—	—	✔	✔	✔
TWREFLN050	Lineset Kit ¼ x ⅜ - 50'	—	—	✔	✔	✔
TWREFLN075	Lineset Kit ¼ x ⅜ - 75'	✔	✔	✔	✔	✔
TWREFLN100	Lineset Kit ¼ x ⅜ - 98'	✔	✔	✔	✔	✔
TWREFLN125	Lineset Kit ¼ x ⅜ - 125'	✔	✔	✔	✔	✔
TWREFLN150	Lineset Kit ¼ x ⅜ - 150'	✔	✔	—	—	—
TWREFLN180	Lineset Kit ¼ x ⅜ - 180'	✔	✔	—	—	—
TWREFLN210	Lineset Kit ¼ x ⅜ - 210'	✔	✔	—	—	—

Table DU-3-C — Optional Indoor Unit Accessories

Model Number	Description	4MXW33 Single Zone Indoor 33 SEER	4MXW35 & 27 Single Zone Indoor 18 & 27 SEER	4MXW18 Single Zone Indoor 18 SEER	4MYW18 Single Zone Indoor 18 SEER
BAYFTHW01PZA	Active Carbon & Catechin filters (9 & 12 MBH) 18 SEER units.	—	—	✔	✔
BAYFTHW02PZA	Active Carbon & Catechin filters (18 & 24 MBH) 18 SEER units and 9, 12, 18 & 24 MBH 18, 27 & 33 SEER units	✔	✔	✔	✔
BAYFTHW03PZA	Active Carbon & Catechin filters for 36 MBH 18 & 27 SEER units	—	✔	✔	✔
ARREMOTE2AHANDAA	Wireless controller	✔	✔	✔	✔
†REWIRE1AHANDAA	Wired Controller (not compatible with 4MXW33 14th digit B models)	✔	✔	✔	✔
ARREPROG1AHANDAA	Programmable wired controller	✔	✔	✔	✔

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

Effective 1/1/18
14-1911-05

Read Only

Ductless Multi-Zone System Single Phase – 1½ - 3½ Tons

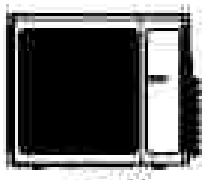

4TXM22

Table DU-4-A — R-410A 22 Series Multi-Zone System HP — Single Phase, 1½ to 3½ Tons(1)(2)(3)

Outdoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Unpacked Dimensions (in) W	D	H	Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Piping Size (in) OD Gas	OD Liq.	No. of Circuits
4TXM22A1A1DNGA	208-230/1/60	18,000	37.8	15.6	27.5	124.6	55	18	25	⅝	⅜	2
4TXM22A1A1JNGA	208-230/1/60	21,000	38.6	18.8	31.1	164.2	55	23	30	⅝	⅜	3
4TXM22A1A1MNGA	208-230/1/60	24,000	38.6	17.3	31.1	157.6	55	26	30	⅝	⅜	4
4TXM22B1A1SNGA	208-230/1/60	30,000	42.8	17.3	43.4	216.1	61	23	30	⅝	⅜	5
4TXM22B1A1WNGA	208-230/1/60	34,000	42.8	17.3	43.4	216.1	61	26	30	⅝	⅜	5
4TXM22B2A1ZNGA	208-230/1/60	42,000	42.8	17.3	43.4	216.1	61	26	30	⅝	⅜	5

4MXW2T

Table DU-4-B — R-410A Multi-Zone High Wall System HP — Single Phase(1)

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Unpacked Dimensions (in) W	D	H	Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Line Size (in) OD Gas	OD Liq.
4MXW2T07A1DNGA	208-230/1/60	9,000	34.1	8.2	31.5	70.6	20-43			⅜	¼
4MXW2T12A1DNGA	208-230/1/60	12,000	34.1	8.2	31.5	70.6	34-44			⅜	¼
4MXW2T18A1DNGA	208-230/1/60	18,000	40.9	9.1	32.8	99.6	40-51			⅜	¼
4MXW2T24A1DNGA	208-230/1/60	24,000	45.4	10.4	33.9	134.2	39-52			⅜	¼

4MXC36

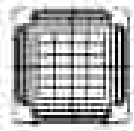

4MXLB36

Table DU-4-C — R-410A Multi-Zone System Cassette HP — Single Phase(1)

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Unpacked Dimensions (in) W	D	H	Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Line Size (in) OD Gas	OD Liq.
4MXC18A1DNGA	208-230/1/60	12,000	22.4	22.4	9.1	55.7	37-46			½	¼
4MXC18A1DNGA	208-230/1/60	14,400	22.4	22.4	9.1	55.7	37-46			½	¼
4MXC24A1DNGA	208-230/1/60	22,800	37.8	22.4	9.1	83.9	35-48			⅝	⅜

Cassette Cover Panels (must be ordered separately):

Model Number	Description	Matches Cassette (If Applicable)
4MXLB18A1DNGA	Cover Panel 31.38 x 31.38 x 1.97	4MXC18 & 4MXC24
4MXLB36A1DNGA	Cover Panel 37.40 x 37.40 x 2.36	4MXC36

4MXF36

Table DU-4-D — R-410A Multi-Zone System Console HP — Single Phase(1)

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Unpacked Dimensions (in) W	D	H	Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Line Size (in) OD Gas	OD Liq.
4MXF36A1DNGA	208-230/1/60	9,000	27.6	23.6	8.5	55.7	25-38			½	¼
4MXF36A1DNGA	208-230/1/60	12,000	27.6	23.6	8.5	55.7	27-38			½	¼
4MXF36A1DNGA	208-230/1/60	15,000	27.6	23.6	8.5	55.7	33-44			½	¼

(1) Refer to the AHRI Directory for certified combinations and product performance.
(2) Because of tested operating ranges, please refer to the product ratings for approved combinations.
(3) Capacity varies depending on the indoor unit matches.
* Information subject to change. Please confirm with current Product Data for current factory production.
** Sound Pressure Level @1.0 ft. (0.3 m).

Ductless

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

Effective 1/1/18
14-9211-55

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American Standard

HEATING & AIR CONDITIONING

Ductless Multi-Zone System Single Phase – 1½ - 3½ Tons

4MXD8S

Table DU-5-A — R-410A Multi-Zone System Ceiling Concealed HP — Single Phase[1]

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in) W	D	H	Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Line Size (in) OD Gas	OD Liq.
4MXD8309A10N0A	208-230/1/60	8,300	27.8	24.2	7.9	59.5	19-27			½	¼
4MXD8312A10N0A	208-230/1/60	11,900	27.8	24.2	7.9	63.9	30-38			½	¼
4MXD8318A10N0A	208-230/1/60	15,300	35.4	24.2	7.9	73.4	30-41			½	¼
4MXD8321A10N0A	208-230/1/60	20,400	43.3	24.2	7.9	90.4	32-42			½	¼
4MXD8324A10N0A	208-230/1/60	23,800	43.3	24.2	7.9	90.4	32-42			½	¼

4MXX8S

Table DU-5-B — R-410A Multi-Zone System Floor/Ceiling HP — Single Phase[1]

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in) W	D	H	Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Line Size (in) OD Gas	OD Liq.
4MXX8309A10N0A	208-230/1/60	8,300	48.0	27.6	8.9	110.2	33-40			½	¼
4MXX8312A10N0A	208-230/1/60	11,900	48.0	27.6	8.9	110.2	33-40			½	¼
4MXX8318A10N0A	208-230/1/60	17,000	48.0	27.6	8.9	110.2	38-45			½	¼
4MXX8324A10N0A	208-230/1/60	22,800	48.0	27.6	8.9	119	29-48			½	¼

[1] See AHRI for allowable combinations and ratings.

* Information subject to change. Please confirm with current Product Data for current factory production.

** Sound Pressure Level @3.1 ft (A)

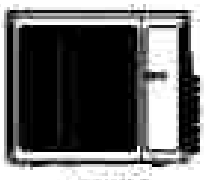
Read Only

Ductless

BUILT TO A HIGHER STANDARD

American Standard
HEATING & AIR CONDITIONING

Ductless Multi-Zone System Single Phase – 1½ - 3½ Tons



4TXMB

Table DU-6-A — R-410A 6S Series Multi-Zone System HP — Single Phase, 1½ to 3½ Tons

Outdoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in) W	D	H	Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Piping Size (in) OD Gas	OD Liq.	No. of Circuits
4TXMB018A1000C	208-230/1/60	18,000	33.4	14.9	28.8	108.6	56	15	20	⅝	⅜	2
4TXMB024A1000C	208-230/1/60	24,000	37.2	15.4	27.6	148.2	57	22	30	⅝	⅜	3
4TXMB030A1000C	208-230/1/60	30,000	37.2	15.4	37.5	147.4	59	26	40	⅝	⅜	4
4TXMB036A1000C	208-230/1/60	34,000	38.2	16.1	39.1	164.6	59	28	40	⅝	⅜	4
4TXMC042A1000C	208-230/1/60	42,000	48.0	17.3	42.4	246.4	59	35	40	⅝	⅜	5

4MXW9S

Table DU-6-B — R-410A Multi-Zone High Wall System HP — Single Phase

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in) W	D	H	Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Line Size (in) OD Gas	OD Liq.
4MXW9S09A1[illegible]C	208-230/1/60	9,000	31.3	7.1	10.8	28.6	32-43			⅜	¼
4MXW9S12A1[illegible]C	208-230/1/60	12,000	31.3	7.1	10.8	28.6	33-44			⅜	¼
4MXW9S18A1[illegible]C	208-230/1/60	18,000	31	7.9	11.7	37.4	35-46			½	¼
4MXW9S24A1[illegible]C	208-230/1/60	24,000	39.4	9.6	12.4	46.2	37-54			½	¼

4MXDS6

Table DU-6-C — R-410A Multi-Zone System Cassette HP — Single Phase

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in) W	D	H	Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Line Size (in) OD Gas	OD Liq.
4MXCB12A10NCA	208-230/1/60	12,000	22.4	22.4	9.1	55.8	37-46			½	¼
4MXCB18A10NCA	208-230/1/60	14,400	22.4	22.4	9.1	55.7	37-46			½	¼
4MXCB24A10NCA	208-230/1/60	22,800	33.1	33.1	9.2	78.8	39-39			½	½

Cassette Cover Panels (must be ordered separately)

Model Number	Description	Matches Cassette Indoor Model(s)
4MXLA510A10N0A	Cover Panel 28.03 x 28.39 x 1.97	4MXCB512 & 4MXCB518
2MXLB524A10N0A	Cover Panel 37.80 x 37.40 x 2.36	4MXCB524

4MXFS6

Table DU-6-D — R-410A Multi-Zone System Console HP — Single Phase

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in) W	D	H	Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Line Size (in) OD Gas	OD Liq.
4MXFB518A10NCA	208-230/1/60	9,000	27.6	23.6	8.5	38.7	25-36			½	¼
4MXFB512A10NCA	208-230/1/60	12,000	27.6	23.6	8.5	38.7	27-38			½	¼
4MXFB518A10NCA	208-230/1/60	18,000	27.6	23.6	8.5	38.7	35-44			½	¼

4MXDS6

Table DU-6-E — R-410A Multi-Zone System Ceiling Concealed HP — Single Phase

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in) W	D	H	Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Line Size (in) OD Gas	OD Liq.
4MXDD09A10NCA	208-230/1/60	8,500	27.2	24.2	7.9	55.5	28-37			½	¼
4MXDD12A10NCA	208-230/1/60	11,900	27.2	24.2	7.9	63.5	30-39			½	¼
4MXDD18A10NCA	208-230/1/60	15,300	35.4	24.2	7.9	78.4	32-41			½	¼
4MXDD21A10NCA	208-230/1/60	20,400	42.3	24.2	7.9	89.4	33-42			½	½
4MXDD24A10NCA	208-230/1/60	23,800	42.3	24.2	7.9	90.4	33-42			½	½

4MXXS6

Table DU-6-F — R-410A Multi-Zone System Floor/Ceiling HP — Single Phase

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in) W	D	H	Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Line Size (in) OD Gas	OD Liq.
4MXXB518A10N0A	208-230/1/60	8,500	48.0	27.5	8.3	110.2	33-40			½	¼
4MXXB512A10N0A	208-230/1/60	11,900	48.0	27.5	8.3	110.2	33-40			½	¼
4MXXB518A10N0A	208-230/1/60	17,000	48.0	27.5	8.3	110.2	35-43			½	¼
4MXXB524A10N0A	208-230/1/60	22,800	48.3	27.5	8.3	115	35-43			½	¼

(1) Units are matched with 4MXW9S indoor units.
(2) Refer to the AHRI Directory for certified combinations and product performance.
(3) Because of limited capabilities, please refer to the product ratings for approved combinations.
* Information subject to change. Please confirm with current Product Data for correct factory procedures.
** Sound Pressure Level @1 ft (0.3 m) (A)

Ductless

Ductless Multi-Zone Outdoor Unit

Table DU-T-A — Features

	4TXM22 Multi-split 22 SEER	4TXM18 Multi-split 18 SEER
• R410-A refrigerant	✔	✔
• Flexibility to accommodate to different applications	✔	✔
• Connect up to 5 indoor units to a single condensing unit	✔	✔
• Nominal capacity 18-42 MBH	✔	✔
• Cooling efficiency up to 22 SEER	✔	—
• Cooling efficiency of 18 SEER	—	✔
• Heating efficiency of 9.3 HSPF	✔	—
• Heating efficiency of 8.2 HSPF	—	✔
• Heat Pump	✔	✔
• Crankcase heater	✔	✔
• Fan Delay	✔	—
• Low sound level	✔	✔
• Blue fin anti-corrosion treatment	✔	✔
• ETL and AHRI listed	✔	✔
• Bijaz mode function	✔	✔
• Memory reset function	✔	✔
• Low ambient cooling to 0°F	✔	✔
• Low ambient heating to -4°F	✔	—
• Low ambient heating to 5°F	—	✔
• Improved air quality with active carbon and zeolite filters	✔	✔
• **Registered limited warranty 10-year on all functional parts**(1)	✔	✔
• **Optional extended warranties available through third parties**	✔	✔

(1) Registered Limited Warranty terms are available when these products are registered within 60 days of installation. Registration can be done online at www.trane-[illegible] Limited Warranty terms are also available by phone at 800-894-9905, otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms are applicable. Base Limited Warranty information on specific products can be found on ACDealerPlus.com.

Table DU-T-B — Optional Outdoor Unit Accessories

Model Number	Description	4TXM22 Multi-split 22 SEER	4TXM18 Multi-split 18 SEER
5WREFLN050	Linkset Kit [illegible]	✔	✔
5WREFLN075	Linkset Kit [illegible]	✔	✔
5WREFLN090	Linkset Kit [illegible]	✔	✔
5WREFLN018	Linkset Kit [illegible]	—	✔
5WREFLN024	Linkset Kit [illegible]	—	✔
5WREFLN030	Linkset Kit [illegible]	—	✔
5WREFLN036	Linkset Kit [illegible]	—	✔
5WREFLN048	Linkset Kit [illegible]	—	✔
5WREFLN060	Linkset Kit [illegible]	—	✔

Table DU-T-C — Optional Indoor Unit Accessories

Model Number	Description	4MXW36(1) Multi Zone Indoor up to 22 SEER	4MXW27(2) Multi Zone Indoor up to 22 SEER	4MXC36 Multi Zone Indoor up to 22 SEER	4MXC30 Multi Zone Indoor up to 22 SEER	4MXF36 Multi Zone Indoor up to 22 SEER	4MXC36 Multi Zone Indoor up to 22 SEER
ARBWTE2HANDAS	Wireless controller	✔	✔	✔	—	✔	✔
TRBWTE1HANDAA	Wired Controller	✔	✔	✔	✔	—	✔
ARBPROGHANDAA	Programmable wired controller	✔	✔	—	—	—	—

(1) Models with 4TXM4 Multi-split 18 SEER Heat Pump

(2) Models with 4TXM22 Multi-split 22 SEER Heat Pump

Ductless

Trane Preferred Only

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data Ratings and/or Installers Guides and Limited Warranty Handbooks.

American Standard AccuFlex™ C-Series Single Zone U-Match System

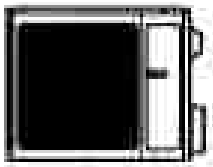

4TUK4AE

Table DU-8-A — C-Series R-410A Single Zone System HP — Single Phase, 1 to 4 Ton(1)(2)

Outdoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in) W	D	H	Shipping Weight* (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Line Size (in) OD Gas	Line Size (in) OD Liq
4TUK4A12A1ONOA	208-230/1/60	12,000	33.1	13.5	21.6	79.8	48/48	15.7	15	⅝	⅜
4TUK4A18A1ONOA	208-230/1/60	18,000	34.6	14.4	25.1	96.3	49/48	15.0	15	⅝	⅜
4TUK4A24A1ONOA	208-230/1/60	24,000	37.1	13.1	30.7	142.9	52/50	14.0	20	⅝	⅜
4TUK4E30A1ONOA	208-230/1/60	30,000	37.1	13.1	30.7	134.0	59/52	24.0	30	⅞	½
4TUK4E36A1ONOA	208-230/1/60	36,000	37.1	13.1	45.0	194.0	60/51	28.0	40	⅞	½
4TUK4542A1ONOA	208-230/1/60	42,000	37.1	13.1	45.0	194.0	63/60	28.5	40	⅞	½
4TUK4548A1ONOA	208-230/1/60	48,000	37.1	13.1	45.0	194.0	63/56	28.5	40	⅞	½

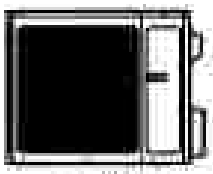

4TUK1LE

Table DU-8-B — C-Series R-410A Single Zone ProCool Low Ambient Cooling Outdoor Unit - Single Phase, 1½ to 3 Ton(1)(2)

Outdoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in) W	D	H	Shipping Weight* (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Line Size (in) OD Gas	Line Size (in) OD Liq
4TUK1518A1ONOA	208-230/1/60	18,000	34.6	13.2	25.1	96.4	48	13	15	⅝	⅜
4TUK1524A1ONOA	208-230/1/60	24,000	35.1	13.2	31.4	114.6	50	19	20	⅝	⅜
4TUK1E30A1ONOA	208-230/1/60	30,000	37.1	13.1	30.7	142.7	52	24	30	⅞	½
4TUK1E36A1ONOA	208-230/1/60	36,000	37.1	13.1	45.0	194.0	54	24	30	⅞	½

4MUC48

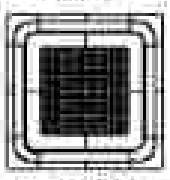

TVEP4NPC4

Table DU-8-C — C-Series R-410A Single Zone System Square Cassette HP - Single Phase, 1½ to 4 Ton(1)(2)

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in) W	D	H	Shipping Weight* (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Line Size (in) OD Gas	Line Size (in) OD Liq
4MUC4518A1ONOA	208-230/1/60	18,000	33.1	33.1	9.8	34.2	38-38	0.33	15	⅝	⅜
4MUC4524A1ONOA	208-230/1/60	24,000	33.1	33.1	9.8	34.2	39-39	0.33	15	⅝	⅜
4MUC4E30A1ONOA	208-230/1/60	30,000	33.1	33.1	11.3	41.9	52-39	0.35	15	⅞	½
4MUC4E36A1ONOA	208-230/1/60	36,000	33.1	33.1	11.3	41.9	53-43	0.35	15	⅞	½
4MUC4542A1ONOA	208-230/1/60	42,000	33.1	33.1	11.3	41.9	54-44	0.35	15	⅞	½
4MUC4548A1ONOA	208-230/1/60	48,000	33.1	33.1	11.3	41.9	55-45	0.35	15	⅞	½

Cassette Cover Panel (must be ordered separately)

Model Number	Color	Description - Dimensions	Matches Cassette H* Model(s)	Weight (lbs)
TVEP4NPC4NUSET	White	Square Cover Panel 37.4 x 37.4 x 1.9	4MUC4518A - 4MUC4548A	11.9

Table DU-8-D — C-Series R-410A Single Zone System Circular Cassette HP - Single Phase, 1½ to 4 Ton(1)(2)

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in) W	D	H	Shipping Weight* (lbs)	Sound Pressure Level**	FLA*	MOP*	Line Size (in) OD Gas	Line Size (in) OD Liq
4MUS4518A1ONOA	208-230/1/60	18,000	37.2	37.2	11.0	46.3	29-36	0.33	15	⅝	⅜
4MUS4524A1ONOA	208-230/1/60	24,000	37.2	37.2	11.0	46.3	29-36	0.33	15	⅝	⅜
4MUS4E30A1ONOA	208-230/1/60	30,000	37.2	37.2	14.4	52.9	31-38	0.35	15	⅞	½
4MUS4E36A1ONOA	208-230/1/60	36,000	37.2	37.2	14.4	52.9	46-54	0.35	15	⅞	½
4MUS4542A1ONOA	208-230/1/60	42,000	37.2	37.2	14.4	52.9	47-55	0.35	15	⅞	½
4MUS4548A1ONOA	208-230/1/60	48,000	37.2	37.2	14.4	52.9	48-56	0.35	15	⅞	½

Cassette Cover Panel (must be ordered separately)

Model Number	Color	Description - Dimensions	Matches Cassette H* Model(s)	Weight (lbs)
PRURNDCASS01E	White	Square Cover Panel 37.4 x 37.4 x 1.9	4MUC4518A - 4MUC4548A	7.9
PRURNDCASS01E	White	Round Cover Panel 41.3 (diameter)	4MUS4518A - 4MUS4548A	5.3
PRURNDCASS02B1S	Black	Square Cover Panel 37.4 x 37.4 x 1.9	4MUC4518A - 4MUC4548A	7.9
PRURNDCASS02B1R	Black	Round Cover Panel 41.3 (diameter)	4MUS4518A - 4MUS4548A	5.3

(1) Refer to the AHRI Directory for certified combinations and product performance.

(2) Outdoor units are equipped with high voltage terminals to protect the indoor units.

* Information subject to change. Please confirm with current product data for current factory production.

** Sound Pressure Level @0.3 ft. and 1A

American Standard AccuFlex™ C-Series Single Zone U-Match System

4MUD4B-A

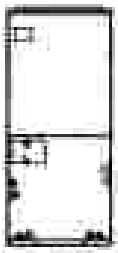
Table DU-5-A — C-Series R-410A Single Zone System Ducted HP — Single Phase, 1½ to 4 Ton

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in) W	D	H	Shipping Weight (lbs)	Sound Pressure Level**	FLA*	MOP*	Line Size (in) OD Gas	OD Liq.
4MUD4B18A1[ ]NGA	208-230/1/60	18,000	47.2	18.5	12.8	85.0	28-34	3.85	15	½	¼
4MUD4B24A1[ ]NGA	208-230/1/60	24,000	48.2	18.3	12.5	110.0	28-36	4.80	15	½	¼
4MUD4B30A1[ ]NGA	208-230/1/60	30,000	47.2	23.6	14.1	137.0	29-37	6.8	15	½	¼
4MUD4B30A1[ ]NGA	208-230/1/60	36,000	47.2	25.6	14.1	137.7	30-38	6.8	15	½	¼
4MUD4B42A1[ ]NGA	208-230/1/60	42,000	47.2	25.6	14.1	116.7	34-40	7.5	15	½	¼
4MUD4B48A1[ ]NGA	208-230/1/60	48,000	47.2	25.6	14.1	116.7	37-40	7.5	15	½	¼

4MUD4B-B

Table DU-5-B — C-Series R-410A Single Zone System Ducted HP — Single Phase, 1½ to 4 Ton

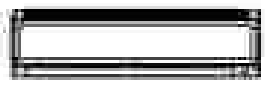
Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in) W	D	H	Shipping Weight (lbs)	Sound Pressure Level**	FLA*	MOP*	Line Size (in) OD Gas	OD Liq.
4MUD4B18B1[ ]NGA	208-230/1/60	18,000	33.5	27.6	9.8	80.0	28-34	1.1	15	½	¼
4MUD4B24B1[ ]NGA	208-230/1/60	24,000	47.2	27.6	9.8	85.3	28-36	1.5	15	½	¼
4MUD4B30B1[ ]NGA	208-230/1/60	30,000	47.2	27.6	9.8	85.3	29-37	1.5	15	½	¼
4MUD4B36B1[ ]NGA	208-230/1/60	36,000	51.2	27.6	11.8	94.8	30-38	2.0	15	½	¼
4MUD4B42B1[ ]NGA	208-230/1/60	42,000	51.2	27.6	11.8	99.6	34-40	2.5	15	½	¼
4MUD4B48B1[ ]NGA	208-230/1/60	48,000	51.2	27.6	11.8	99.6	37-40	2.5	15	½	¼



4MUM4B-B

Table DU-5-C — C-Series R-410A Single Zone System Vertical Ducted HP - Single Phase, 1½ to 4 Ton

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in) W	D	H	Shipping Weight (lbs)	Sound Pressure Level**	FLA*	MOP*	Line Size (in) OD Gas	OD Liq.
4MUM4B18B1[ ]NGA	208-230/1/60	18,000	17.5	21.0	42.0	88.1	33-38	2.72	15	½	¼
4MUM4B24B1[ ]NGA	208-230/1/60	24,000	17.5	21.0	42.0	88.1	35-41	2.72	15	½	¼
4MUM4B30B1[ ]NGA	208-230/1/60	30,000	21.0	21.0	49.0	123.5	35-41	3.66	15	½	¼
4MUM4B36B1[ ]NGA	208-230/1/60	36,000	21.0	21.0	49.0	123.5	36-42	3.66	15	½	¼
4MUM4B42B1[ ]NGA	208-230/1/60	42,000	24.5	21.8	58.8	163.1	38-42	3.88	15	½	¼
4MUM4B48B1[ ]NGA	208-230/1/60	48,000	24.5	21.8	58.8	163.1	38-43	3.88	15	½	¼



4MUW4B

Table DU-5-D — C-Series R-410A Single Zone System High Wall HP - Single Phase, 1½ to 3 Ton

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in) W	D	H	Shipping Weight (lbs)	Sound Pressure Level**	FLA*	MOP*	Line Size (in) OD Gas	OD Liq.
4MUW4B[ ]A1[ ]NGA	208-230/1/60	12,000	29.5	9.8	9.8	18.3	22-36	2.40	15	½	¼
4MUW4B[ ]A1[ ]NGA	208-230/1/60	18,000	35.2	10.4	10.1	23.8	29-42	3.70	15	½	¼
4MUW4B[ ]B1[ ]NGA	208-230/1/60	24,000	41.8	11.6	11.0	32.2	32-40	5.70	15	½	¼
4MUW4B[ ]A1[ ]NGA	208-230/1/60	30,000	50.4	9.5	12.5	40.0	37-40	6.90	15	½	¼
4MUW4B[ ]B1[ ]NGA	208-230/1/60	36,000	50.4	9.5	12.5	42.0	38-51	6.90	15	½	¼

(1) Refer to the AHRI Directory for certified combinations and product performance.

(2) Outdoor units are equipped with high voltage terminals to power the indoor units.

(3) 4MUM Central Control Unit, when used with an electric only heater, must be powered from an electrical branch circuit independent of the branch circuit supplying the indoor unit.

(4) Refer to the 4MUD4B unit instructions for MCA and MOP values when applying electric heat only kit.

*Information subject to change. Please confirm with contact Product Data/Service Facts for current factory information.

** Sound Pressure Level @ 3.5-.05 (A)

Ductless

American Standard AccuFlex™ C-Series Single Zone U-Match System

Table DU-10-A — C-Series R-410A Single Zone System Accessories

Accessory Model	Description	Used With	Qty	
PLTR4TVC4MUC01	Large 4-Way Cassette Filter	All 4MUC45	12 Each	
PLTR4TVDC4MUC1	Washable Filter	4MUD4518A	12 Each	
		4MUD4524A	12 Each	
PLTR4TVDC4MUC2	Washable Filter	4MUD4530A	12 Each	
		4MUD4536A	12 Each	
		4MUD4542A	12 Each	
		4MUD4548A	12 Each	
TVCTRLTJMB14A0	External Contact Interface	4MUC45	1 Each	
		4MUD45	1 Each	
		4MUB45	1 Each	
TVCTRLTRWTS000	External Temperature Sensor	all 4MUT Indoor Units	8 Each	
CSERWNDBFL12A	Wind Baffle	4TUK4512A10N0A	1 Each	Use when low ambient cooling is required below 23°F outdoor temperature
CSERWNDBFL18A	Wind Baffle	4TUK4518A10N0A	1 Each	
CSERWNDB4018A	Wind Baffle	4TUKL518A10N0A	1 Each	
CSERWNDBFL24A	Wind Baffle	4TUK4524A10N0A	1 Each	
		4TUK4530A10N0A	1 Each	
		4TUKL524A10N0A	1 Each	
		4TUKL530A10N0A	1 Each	
		4TUKL536A10N0A	1 Each	
CSERWNDBFL36A	Wind Baffle	4TUK4536A10N0A	1 Each	
		4TUK4542A10N0A	1 Each	
		4TUK4548A10N0A	1 Each	

Table DU-10-B — C-Series R-410A Single Zone System Refrigerant Line Sets

Refrigerant Line Sets		
Model Number	Description	Shipping Dimensions
TXVREFLN050	Linesed 1/4" x 3/8" 25' length	33-3/4" x 3-1/4" x 33-3/8"
TXVREFLN055	Linesed 1/4" x 3/8" 35' length	33-13/16" x 5-1/4" x 31-7/8"
TXVREFLN060	Linesed 1/4" x 3/8" 50' length	33-13/16" x 5-1/4" x 31-7/8"
TXVREFLN065	Linesed 1/4" x 1/2" 25' length	48" x 48" x 5"
TXVREFLN065	Linesed 1/4" x 1/2" 35' length	33-3/4" x 2-7/8" x 33"
TXVREFLN070	Linesed 1/4" x 1/2" 50' length	33-13/16" x 5-1/4" x 31-7/8"
TXVREFLN155	Linesed 1/4" x 5/8" 25' length	33-13/16" x 5" x 32-1/2"
TXVREFLN160	Linesed 1/4" x 5/8" 35' length	48" x 48" x 5"
TXVREFLN165	Linesed 1/4" x 5/8" 50' length	33-3/4" x 3-1/4" x 33-3/8"
TXVREFLN170	Linesed 1/4" x 5/8" 100' length	33-13/16" x 5-1/4" x 31-7/8"
TXVREFLN065	Linesed 1/4" x 3/8" 100' length	33-13/16" x 5" x 32-1/2"
TXVREFLN075	Linesed 1/4" x 1/2" 100' length	48" x 48" x 5"
TXVREFLN085	Linesed 3/8" x 5/8" 25' length	33" x 33" x 3.75"
TXVREFLN080	Linesed 3/8" x 5/8" 35' length	33" x 33" x 5.63"
TXVREFLN085	Linesed 3/8" x 5/8" 50' length	33" x 33" x 6.43"
TXVREFLN070	Linesed 3/8" x 5/8" 100' length	48" x 48" x 5"

Ductless

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

Effective 1/1/18
14-1011-35

American Standard AccuFlex™ C-Series Single Zone U-Match System

Table DU-11-2 — C-Series R-410A Single Zone System Controls

Information			Features						
Model	Control Type	Used With	Temp. Adjustment	Mode	Swing / Air Blade Adjustment	Fan Speed	Temp. Sensor	Temp. Limits	Clock
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

BUILT TO A HIGHER STANDARD

American Standard
HEATING & AIR CONDITIONING

American Standard AccuFlex™ VRF Indoor Units

4TVA400

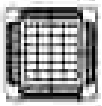
Table DU-12-A — R-410A VRF HSP (High Static Pressure) Duct

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in) W	D	H	Shipping Weight (lbs)	Sound Pressure Level	FLA	MOP	Line Size (in) OD Gas	OD Liq.
4TVA018B100NB	208-230/1/60	18,000	46.8	40.3	16.3	218.3	41-45	4.75	15	½	⅜
4TVA036B100NB	208-230/1/60	36,000	46.8	40.3	16.3	218.3	43-49	7.38	15	½	⅜

4TVB400

Table DU-12-B — R-410A VRF Mini Four-Way Cassette

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in) W	D	H	Shipping Weight (lbs)	Sound Pressure Level	FLA	MOP	Line Size (in) OD Gas	OD Liq.
4TVB006B100NC	208-230/1/60	5,000	22.8	22.8	9.8	30.9	26-34	0.22	15	½	⅜
4TVB007B100NC	208-230/1/60	7,500	22.8	22.8	9.8	30.9	26-34	0.22	15	½	⅜
4TVB009B100NC	208-230/1/60	9,500	22.8	22.8	9.8	30.9	26-34	0.22	15	½	⅜
4TVB012B100NC	208-230/1/60	12,000	22.8	22.8	9.8	30.9	31-36	0.24	15	½	⅜
4TVB018B100NC	208-230/1/60	18,000	22.8	22.8	9.8	30.9	34-40	0.34	15	½	⅜
4TVB024B100NC	208-230/1/60	20,000	22.8	22.8	9.8	30.9	38-41	0.39	15	½	⅜



TVEP4NPC4

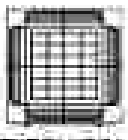
Cassette Cover Panels

Model Number	Description	Matches Cassette (4T) Model(s)
TVEPANPC4NGSET	Cover Panel 23.3 x 23.3 x 1.97"	4TVB006B – 4TVB024B

4TVD09

Table DU-12-C — R-410A VRF Four-Way Cassette

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in) W	D	H	Shipping Weight (lbs)	Sound Pressure Level	FLA	MOP	Line Size (in) OD Gas	OD Liq.
4TVC009B100NC	208-230/1/60	9,000	35	37	8	40.8	31-34	0.32	15	½	⅜
4TVC012B100NC	208-230/1/60	12,000	35	37	8	40.8	31-34	0.32	15	½	⅜
4TVC018B100NC	208-230/1/60	18,000	35	37	8	40.8	31-34	0.32	15	½	⅜
4TVC024B100NC	208-230/1/60	24,000	35	37	8	40.8	34-36	0.39	15	½	⅜
4TVC030B100ND	208-230/1/60	30,000	33	33	11.3	60.7	36-39	0.83	15	½	⅜
4TVC036B100ND	208-230/1/60	36,000	33	33	11.3	60.7	38-40	0.79	15	½	⅜
4TVC048B100ND	208-230/1/60	48,000	33	33	11.3	60.7	39-44	0.94	15	½	⅜



TVEP4NPC4

Cassette Cover Panels

Model Number	Description	Matches Cassette (4T) Model(s)
TVEPANPC4NGSET	Cover Panel 37.4 x 37.4 x 1.9	4TVC009B, 012B, 018B, 024B, 030B, 036B & 048B

4TVD09-C

Table DU-12-D — R-410A VRF MSP (Medium Static Pressure) Duct

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in) W	D	H	Shipping Weight (lbs)	Sound Pressure Level	FLA	MOP	Line Size (in) OD Gas	OD Liq.
4TVD009B100NC	208-230/1/60	7,500	45.3	18.5	12.6	103.5	28-36	1.16	15	½	⅜
4TVD009B100NC	208-230/1/60	9,500	45.3	18.5	12.6	103.5	28-36	1.16	15	½	⅜
4TVD012B100NC	208-230/1/60	12,000	45.3	18.5	12.6	103.5	30-39	1.16	15	½	⅜
4TVD018B100NB	208-230/1/60	18,000	45.3	18.5	12.6	103.5	32-41	1.16	15	½	⅜
4TVD018C100ND	208-230/1/60	18,000	45.3	18.5	12.6	103.5	32-42	1.16	15	½	⅜
4TVD024D100ND	208-230/1/60	24,000	47.3	25.6	14.2	144.4	35-38	4.36	15	½	⅜
4TVD027D100ND	208-230/1/60	27,000	47.3	25.6	14.2	144.4	35-38	4.36	15	½	⅜
4TVD030D100ND	208-230/1/60	30,000	47.3	25.6	14.2	144.4	37-39	4.36	15	½	⅜
4TVD036D100ND	208-230/1/60	36,000	47.3	25.6	14.2	148.8	38-41	4.36	15	½	⅜
4TVD048D100ND	208-230/1/60	48,000	47.3	25.6	14.2	148.8	38-42	4.36	15	½	⅜
4TVD060D100ND	208-230/1/60	54,000	47.3	25.6	14.2	148.8	40-45	40	15	½	⅜

(1) Nominal capacity based on 25 ft. of equivalent refrigerant piping with 0 ft. level difference.
—Cooling: Indoor temperature 80°F DB, 67°F WB/Outdoor temperature 95°F DB, 75°F WB
—Heating: Indoor temperature 70°F DB, 60°F WB/Outdoor temperature 47°F DB, 43°F WB
(2) Sound pressure was measured in a dead room. Actual in-field sound may be different depending on installation conditions.
(3) Cassette panel must be ordered separately.
(4) Optional internal condensate drain pump must be ordered separately if gravity drain is not possible.
(5) Refer to unit nameplate for MCA value.
* Information subject to change. Please confirm with current Product Data for current factory production.
All VRF systems shall be selected using VRF Select software.

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4TVD0*-D

Table DU-13-A — R-410A VRF Mid-Static Ducted Indoor Unit[1]

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Unpacked Dimensions (in) W	D	H	Shipping Weight (lbs)	Sound Pressure Level[2]	MCA*	Max. Fuse (A)*	Line Size (in) OD Gas	OD Liq
4TVD0007D1[0/3]NA	208-230/1/60	7,000	33.4	27.6	9.8	68.4	22-26	1.375	15	⅞	⅜
4TVD0009D1[0/3]NA	208-230/1/60	9,000	33.4	27.6	9.8	68.4	22-26	1.375	15	⅞	⅜
4TVD0012D1[0/3]NA	208-230/1/60	12,000	33.4	27.6	9.8	68.4	22-26	1.375	15	⅞	⅜
4TVD0015D1[0/3]NA	208-230/1/60	15,000	33.4	27.6	9.8	68.4	22-26	1.875	15	⅞	⅜
4TVD0018D1[0/3]NA	208-230/1/60	18,000	33.4	27.6	9.8	68.4	22-29	1.875	15	⅞	⅜
4TVD0024D1[0/3]NA	208-230/1/60	24,000	47.2	27.6	9.8	89.3	30-35	1.875	15	⅞	⅜
4TVD0027D1[0/3]NA	208-230/1/60	30,000	47.2	27.6	9.8	89.3	34-40	1.875	15	⅞	⅜
4TVD0030D1[0/3]NA	208-230/1/60	33,000	47.2	27.6	9.8	89.3	35-40	1.875	15	⅞	⅜
4TVD0036D1[0/3]NA	208-230/1/60	42,000	51.2	27.6	11.8	99.2	40-46	2.500	15	⅞	⅜
4TVD0048D1[0/3]NA	208-230/1/60	48,000	51.2	27.6	11.8	99.2	35-41	2.500	15	⅞	⅜

4TVE00

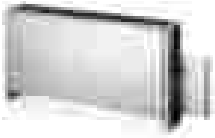
Table DU-13-B — R-410A VRF Slim One-Way Cassette[1]

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Unpacked Dimensions (in) W	D	H	Shipping Weight (lbs)	Sound Pressure Level[2]	MCA*	Max. Fuse (A)*	Line Size (in) OD Gas	OD Liq
4TVE0007B1[0/3]NC	208-230/1/60	7,500	38.2	16.2	5.3	29.8	23-27	0.29	15	½	¼
4TVE0009B1[0/3]NC	208-230/1/60	9,500	38.2	16.2	5.3	29.8	24-29	0.32	15	½	¼
4TVE0012B1[0/3]NC	208-230/1/60	12,000	38.2	16.2	5.3	29.8	27-32	0.35	15	½	¼

Cassette Cover Panels [3]

Model Number	Description	Matches Cassette (1" Models)
TVEPNPC1[0/3]SBT	Cover Panel 46.5 x 16.9 x 1.5"	4TVE0078, 0098 & 0128

Table DU-13-C — R-410A VRF Concealed / Recessed Floor Standing Indoor Unit[1]



Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Unpacked Dimensions (in) W	D	H	Shipping Weight (lbs)	Sound Pressure Level[2]	MCA*	Max. Fuse (A)*	Line Size (in) OD Gas	OD Liq
4TVF0009E1[0/3]RNA	208-230/1/60	9,000	37.1	8.6	23.6	50.7	20-23	0.2	15	½	¼
4TVF0012E1[0/3]RNA	208-230/1/60	12,000	37.1	8.6	23.6	50.7	21-25	0.22	15	½	¼
4TVF0018E1[0/3]RNA	208-230/1/60	18,000	37.1	8.6	23.6	50.7	27-37	0.34	15	⅞	⅜
4TVF0018B1[0/3]RNA	208-230/1/60	18,000	48.1	8.6	23.6	62.8	32-40	0.53	15	⅞	⅜
4TVF0024B1[0/3]RNA	208-230/1/60	24,000	48.1	8.6	23.6	62.8	32-40	0.53	15	⅞	⅜

Table DU-13-D — R-410A VRF Cabinet Style Floor Standing Indoor Unit[1]

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Unpacked Dimensions (in) W	D	H	Shipping Weight (lbs)	Sound Pressure Level[2]	MCA*	Max. Fuse (A)*	Line Size (in) OD Gas	OD Liq
4TVF0009E1[0/3]CNA	208-230/1/60	9,000	46.0	8.6	23.6	57.3	20-23	0.2	15	½	¼
4TVF0012E1[0/3]CNA	208-230/1/60	12,000	46.0	8.6	23.6	57.3	21-25	0.22	15	½	¼
4TVF0018E1[0/3]CNA	208-230/1/60	18,000	46.0	8.6	23.6	57.3	27-37	0.34	15	⅞	⅜
4TVF0018B1[0/3]CNA	208-230/1/60	18,000	57.5	8.6	23.6	69.4	32-40	0.53	15	⅞	⅜
4TVF0024B1[0/3]CNA	208-230/1/60	24,000	57.5	8.6	23.6	69.4	32-40	0.53	15	⅞	⅜

[1] Nominal capacity based on 25 ft. of equivalent refrigerant piping with 0 ft. level difference.
– Cooling: Indoor temperature 80°F DB, 67°F WB/Outdoor temperature 95°F DB, 75°F WB
– Heating: Indoor temperature 70°F DB, 60°F WB/Outdoor temperature 47°F DB, 43°F WB

[2] Sound pressure data measured in a dead room. Actual noise level may be different depending on installation conditions.

[3] Cassette panel must be ordered separately.

* Information subject to change. Please confirm with current Product Data for current factory production.

All VRF systems shall be selected using VRF Select software.

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Table DU-14-A — R-410A VRF Slim Duct

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Unit/Box Dimensions (in) W	D	H	Shipping Weight (lbs)	Sound Pressure Level	MCA*	Max. Fuse (A)*	Line Size (in) GG Gas	GG Liq.
4TVL0007B1 00NC	208-230/1/60	7,500	35.4	23.6	7.8	62.8	21-26	0.40	15	½	¼
4TVL0009B1 00NC	208-230/1/60	9,500	35.4	23.6	7.8	62.8	23-27	0.50	15	½	¼
4TVL0012B1 00NC	208-230/1/60	12,000	35.4	23.6	7.8	62.8	27-30	0.64	15	½	¼
4TVL0015B1 00NC	208-230/1/60	15,000	43.3	23.6	7.8	76.0	31-35	1.18	15	½	¼
4TVL0018B1 00NC	208-230/1/60	18,000	43.3	23.6	7.8	76.0	33-36	1.23	15	½	¼
4TVL0024B1 00NC	208-230/1/60	24,000	43.3	23.6	7.8	76.0	33-36	1.23	15	½	¼
4TVL0030B1 00NC	208-230/1/60	30,000	51.2	27.2	11.8	103.6	34-37	1.66	15	½	¼
4TVL0036B1 00NC	208-230/1/60	36,000	51.2	27.2	11.8	103.6	34-37	1.66	15	½	¼
4TVL0048B1 00NC	208-230/1/60	48,000	51.2	27.2	11.8	107.6	36-38	1.73	15	½	¼

4TVL00

Table DU-14-B — R-410A VRF Dedicated Outside Air Units

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Unit/Box Dimensions (in) W	D	H	Shipping Weight (lbs)		Sound Pressure Level	MCA*	Max. Fuse (A)*	Line Size (in) GG Gas	GG Liq.
4TVH0072A1 00NA	208-230/1/60	72,000	53.1	35.2	17.8	108.4	380	47	2.6	15	⅞	½
4TVH0096A1 00NA	208-230/1/60	96,000	53.1	35.2	17.8	119.4	418	47	1.4	15	⅞	½

4TVW00

Tables DU-14-C — R-410A Single Zone System Circular Cassette HP - Single Phase, 1-1/2 to 4 Ton

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Unit/Box Dimensions (in) W	D	H	Shipping Weight (lbs)	Sound Pressure Level	FLA*	MOP*	Line Size (in) GG Gas	GG Liq.
4TVS0009E1 00NA	208-230/1/60	9,000	37.2	37.2	11.0	86.3	25-33	0.18	15	½	¼
4TVS0012E1 00NA	208-230/1/60	12,000	37.2	37.2	11.0	86.3	25-33	0.18	15	½	¼
4TVS0018E1 00NA	208-230/1/60	18,000	37.2	37.2	14.4	86.3	25-33	0.18	15	½	¼
4TVS0024E1 00NA	208-230/1/60	24,000	37.2	37.2	14.4	86.3	35-38	0.28	15	½	¼
4TVS0030E1 00NA	208-230/1/60	30,000	37.2	37.2	14.4	92.8	36-40	0.42	15	½	¼
4TVS0036E1 00NA	208-230/1/60	36,000	37.2	37.2	14.4	92.8	36-43	0.57	15	½	¼
4TVS0048E1 00NA	208-230/1/60	48,000	37.2	37.2	14.4	92.8	39-44	0.57	15	½	¼

Cassette Cover Panel

Model Number	Color	Description - Dimensions	Matches Cassette HP Model(s)	Weight (lbs)
PNLRNDCA9300*S	Silver	Square Cover Panel 39.4 x 39.4 x 2.3	4TVS0009B—4TVS0048B	7.5
PNLRNDCA9300*W	White	Round Cover Panel (41.3 (diameter) x 2.7	4TVS0009E - 4TVS0048E	5.5
PNLRNDCA9300*B	Black	Square Cover Panel 39.4 x 39.4 x 2.3	4TVS0009E - 4TVS0048E	7.5
PNLRNDCA9300*W	White	Round Cover Panel (41.3 (diameter) x 2.7	4TVS0009E - 4TVS0048E	5.5

Table DU-14-D — R-410A VRF High Wall

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Unit/Box Dimensions (in) W	D	H	Shipping Weight (lbs)	Sound Pressure Level	MCA*	Max. Fuse (A)*	Line Size (in) GG Gas	GG Liq.
4TVW0007B1 00NC	208-230/1/60	7,500	32.5	7.5	11.3	24.3	27-31	0.52	15	½	¼
4TVW0009B1 00NC	208-230/1/60	9,500	32.5	7.5	11.3	24.3	27-31	0.52	15	½	¼
4TVW0012B1 00NC	208-230/1/60	12,000	32.5	7.5	11.3	24.3	28-31	0.68	15	½	¼
4TVW0015B1 00NC	208-230/1/60	15,000	41.5	8.5	11.8	34.2	36-44	0.48	15	½	¼
4TVW0018B1 00NC	208-230/1/60	18,000	41.5	8.5	11.8	34.2	36-44	0.48	15	½	¼
4TVW0024B1 00NC	208-230/1/60	24,000	41.5	8.5	11.8	34.2	36-47	0.52	15	½	¼

(1) Nominal capacity based on 25 ft. of equivalent refrigerant piping with 0 ft. level difference.
- Cooling: Indoor temperature 80°F (26.6°C) DB/67°F (19.4°C) WB/Outdoor temperature 95°F (35.0°C) DB
- Heating: Indoor temperature 70°F (21.0°C) DB/60°F (15.6°C) WB/Outdoor temperature 47°F (8.3°C) WB

(2) Sound pressure was measured in a sheet metal room. Actual sound level may be different depending on installation conditions.

(3) Optional external condensate drain pump must be ordered separately if gravity drain is not possible.

(4) Optional condensate pump, if necessary, is available through below.

(5) Only applicable with VRF heat pumps.

* Information subject to change. Please confirm with current Product Data for current factory production.

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For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings, and/or Installers Guides and Limited Warranty Handbooks.

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14-PD11-5E

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Table DU-15-A — R-410A VRF High Wall[1][2][3]

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Unit Dimensions (in) W	D	H	Shipping Weight (lbs)	Sound Pressure Level[4]	MCA*	Max. Fuse (A)*	Line Size (in) ID Gas	Line Size (in) OD Liq.
4TVW0009D100NA	208-230/1/60	9,000	29.5	8.7	9.8	17.6	34-38	0.18	15	½	¼
4TVW0012D100NA	208-230/1/60	12,000	29.5	8.7	9.8	17.6	35-39	0.23	15	½	¼
4TVW0018D100NA	208-230/1/60	18,000	29.5	8.7	9.8	18.1	37-39	0.29	15	½	¼
4TVW0012D100NA	208-230/1/60	12,000	32.5	10.3	10.3	21.6	36-37	0.26	15	½	¼
4TVW0015D100NA	208-230/1/60	15,200	32.5	10.3	10.3	21.6	38-41	0.41	15	½	¼
4TVW0018D100NA	208-230/1/60	18,000	41.8	11.8	11.8	32.2	39-39	0.38	15	½	¼
4TVW0024D100NA	208-230/1/60	24,000	41.8	11.8	11.8	32.2	36-44	0.34	15	½	¼
4TVW0027D100NA	208-230/1/60	27,000	41.8	11.8	11.8	32.2	40-47	0.73	15	½	¼
4TVW0030D100NA	208-230/1/60	30,000	50.4	9.5	13.8	40.8	42-49	0.88	15	½	¼

4TVX09

Table DU-15-B — R-410A VRF Ceiling Suspended (Floor)[1][2][3]

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Unit Dimensions (in) W	D	H	Shipping Weight (lbs)	Sound Pressure Level[4]	MCA*	Max. Fuse (A)*	Line Size (in) ID Gas	Line Size (in) OD Liq.
4TVX0018B100MB*[5]	208-230/1/60	18,000	39.4	7.9	25.5	56.2	34-46	0.53	15	½	¼
4TVX0024B100MB*[5]	208-230/1/60	24,000	39.4	7.9	25.5	56.2	40-44	0.60	15	½	¼

(1) Nominal capacity based on 25 ft. (8 m) equivalent refrigerant piping with 0 ft. (0 m) of elevation.

—Cooling: Indoor temperature 80°F DB, 67°F WB/Outdoor temperature 95°F DB, 75°F WB.

—Heating: Indoor temperature 70°F DB, 60°F WB/Outdoor temperature 47°F DB, 43°F WB.

(2) Sound pressure was measured in a dead room. Actual sound level may be affected by ambient conditions.

(3) Drain kit is required and must be ordered as a separate item.

(4) Decimal combinations given if necessary to express fractional sizes.

*. Information subject to change. Please confirm with Customer Product Data for current factory information.

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Table DU-16-A — R-410A Convertible Ducted Air Handling Unit

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Unit/Net Dimensions (in) W	D	H	Shipping Weight (lbs)	MCA 460V	Max. Fuse 460V (A)	Line Size (in) OD Gas	OD Liq
4TVM009C100NB	208-240/1/60	9,000	39.4	16.8	10.3	72.8	0.5	15	½	¼
4TVM012C100NB	208-240/1/60	12,000	39.4	16.8	12.5	72.8	0.5	15	½	¼
4TVM018C100NB	208-240/1/60	15,000	45.3	16.8	12.6	80.3	0.5	15	½	¼

Table DU-16-B — Electric Heaters for 4TVM-C

Model Number	Heater Model Number	Electric Heater: Circuit Breaker Quantity	kW	Amperes (A): 208 V	240 V	Minimum Circuit Ampacity (MCA): 208 V	240 V	Maximum Overcurrent Protection (MCOP): 208 V	240 V	Min. Wire Size (AWG)
4TVM009C100NE 4TVM012C100NE	No Heater	N/A	N/A	N/A	N/A	1.04	0.9	15	15	14
	4TVMCE3KW4HTR001	1	3	10.82	12.5	14.38	16.55	15	20	12
4TVM018C100NA	No Heater	N/A	N/A	N/A	N/A	1.04	0.9	15	15	14
	4TVMCE3KW4HTR001	1	3	10.82	12.5	14.38	16.55	15	20	12
	4TVMCK5KW5HTR001	1	5	18.03	20.83	23.97	27.64	25	30	10

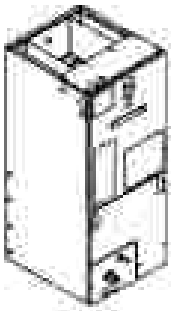

Table DU-16-C — R-410A Convertible Ducted Air Handling Unit

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Unit/Net Dimensions (in) W	D	H	Shipping Weight (lbs)	MCA*	Max. Fuse*	Line Size (in) OD Gas	OD Liq
4TVM0024B100NB	208-230/1/60	24,000	39.4	16.8	15.3	72.8	1.73	15	⅝	⅜
4TVM0030B100NB	208-230/1/60	30,000	39.4	16.8	15.3	72.8	1.88	15	⅝	⅜
4TVM0036B100NB	208-230/1/60	34,000	39.4	16.8	15.3	80.3	1.88	15	⅝	⅜
4TVM0042B100NB	208-230/1/60	42,000	45.3	16.8	12.6	88.2	2.00	15	⅝	⅜
4TVM0048B100NB	208-230/1/60	46,000	45.3	16.8	12.6	88.2	2.00	15	⅝	⅜
4TVM0060B100NB	208-230/1/60	60,000	45.3	16.8	12.6	88.2	2.00	15	⅝	⅜

Note: Must be used with 4TVCTRLH4U000A Controller for 4TVM

Table DU-16-D — Controller for 4TVM

4TVCTRLH4U000A 208-230/1/60 Hz Use with 4TVM0024B-0060B 12.5 12.6 11.0 11.0 Must be ordered as a separate item.

Table DU-16-E — Electric Heaters for 4TVM-B

Model Number	Power Supply (Volts/Phase/Hz)	Nominal Capacity Heating @ 240 volts: Circuit 1 kW	Circuit 1 BTUH	Circuit 2 kW	Circuit 2 BTUH	Nominal Capacity Heating @ 208 volts: Circuit 1 kW	Circuit 1 BTUH	Circuit 2 kW	Circuit 2 BTUH
BAVHTR1504	208-230/60/1	3.84	13100			2.88	9800		
BAVHTR1005	208-230/60/1	4.8	16400			3.6	12300		
BAVHTR1008	208-230/60/1	7.68	26200			5.76	19700		
BAVHTR1510	208-230/60/1	9.6	32800			7.2	24600		
BAVHTR1515	208-230/60/1	11.6	32800	4.8	16400	7.2	24600	3.6	12300
BAVHTR1519	208-230/60/1	9.6	32800	9.6	32800	7.2	24600	7.2	24600
BAVHTR1520	208-230/60/1	9.6	32800	9.6	32800	7.2	24600	7.2	24600
BAVHTR2015	208-230/60/1	11.6	32800			7.2	24600		
BAVHTR2515	208-230/60/1	14.4	49200			10.8	36900		

This page includes ductless products, however, specific applications including 4TVM indoor units with VRF outdoor systems shall be validated through VRF select.

Electric heater selections shall be validated by the unit nameplate, a listing of approved heaters may be obtained in product data catalog VRF-PRC004-EN (Ref. be A, B, C, etc. indicating the most current version).

Electrical Branch Circuits shall be validated by the unit nameplate data. This data is also listed in the product data catalog VRF-PRC004-EN.

Printed literature is updated periodically, however, product change and development may outdate a unit nameplate change on all cases the unit nameplate values rule.

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings, and/or Installers Guides and Limited Warranty Handbooks.

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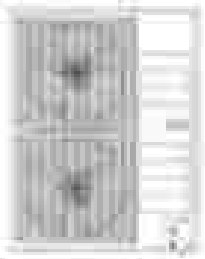

Table DU-17-A — R-410A Mini VRF 208~230V Single Phase Heat Pump

Outdoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTU/h) [1][2]	Unit/Net Dimensions (in) W	D	H	Shipping Weight (lbs)	Sound Pressure Level [3]	MCA*	MOP	Line Size (in) OD Gas	OD Liq
4TVH0036B1000NC	208-230/1/60	36,000	37	13	47.6	231.5	56	23	40	⅞	⅜
4TVH0048B1000NC	208-230/1/60	46,000	37	13	47.6	231.5	56	28	50	⅞	⅜
4TVH0060B1000NC	208-230/1/60	53,000	37	13	47.6	238	59	34	60	⅞	⅜

[1] Unit nominal is designed to quick reference guide, please consult VRF System for all system selections and the latest product data catalog(s) for diagrams and field electrical data.

[2] Nominal capacity based on 25 ft. of equivalent refrigerant piping with 0 ft. level difference

– Cooling: Indoor temperature 80°F DB, 67°F WB/Outdoor temperature 95°F DB, 75°F WB

– Heating: Indoor temperature 70°F DB, 60°F WB/Outdoor temperature 47°F DB, 43°F WB

[3] Sound pressure may (measured) is a fixed point. Actual noise level may be different depending on installation conditions

[4] Rated per AHRI Unitary Small HP Standard 210/240

Table DU-17-B — Optional outdoor unit accessory

Model Number	Description
TVGARDOOTA	Hail Guard for 4TVH0036B1000NC, 4TVH0048B1000NC, 4TVH0060B1000NC

American Standard AccuFlex™ VRF Mode Control Unit (MCU)

4MCUCUY5N (8 port unit)

Table DU-17-C — R-410A VRF Mode Control Unit (MCU) [1][2]

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Max Capacity BTU/H	Unit/Net Dimensions (in) L	W	H	Shipping Weight (lbs)	No. Of Ports	MCA	MOP
4MCUCUY2N[illegible]	208-230/1/60	22,000	32.8	7.5	18.5	63.9	2	0.83	15
4MCUCUY4N[illegible]	208-230/1/60	48,000	32.8	7.5	18.5	63.9	4	0.83	15
4MCUCUY6N[illegible]	208-230/1/60	48,000	32.8	7.5	18.5	70.5	6	0.83	15

[1] For MCA and MOP, select for the MCU supplied by the MCU only.

[2] If the MCU is used to distribute high voltage power to the indoor units, the electrical branch circuit size and overcurrent protective device rating shall be calculated using the Heating Load National Electrical Code (NEC®) 424 (B) per the Authority Having Jurisdiction (AHJ). The maximum current draw to supply the MCU and downstream protective device shall not exceed 15 AMPS.

[3] Must use 4MCUCUY model MCUs with 4TVH outdoor units when using heat recovery option.

Table DU-17-D — R-410A VRF Heat Generation Mode Control Units (MCU) 3-Phase [1][2]

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Max Capacity BTU/H	Unit/Net Dimensions (in) L	W	H	Shipping Weight (lbs)	No. Of Ports	MCA	MOP
4MCUTY[illegible]548B1A	208-230/3/60	34,000	15.2	15.1	7.8	24.25	1	2.0	15
4MCUTY[illegible]548B1A	208-230/3/60	108,000	28.7	15.4	7.8	46.26	3	2.0	15
4MCUTY[illegible]548B1A	208-230/3/60	216,000	28.7	15.4	7.8	54.10	4	2.0	15
4MCUTY[illegible]548B1A	208-230/3/60	216,000	28.7	15.4	7.8	62.80	6	2.0	15

[1] Quantum Generation 1 MCU's and Next Generation MCU's in the VRF Heat Recovery System.

[2] Do not use Next Generation MCU's with 4TVP Heat Source Systems.

[3] Indoor units over 54,000 BTU/H requires port pairing. Currently, Rows 1 connections are available for 1/2" Nominal Cover and 18 MM and 1/2" (12.7) for each set of ports required to be paired.

MCU Model	Sound Levels		Main Port Connections			Series Port Connections			Indoor Unit Port Connections	
	Standard Operation	Mode Change	Liquid	Suction	Hot Gas	Liquid	Suction	Hot Gas	Liquid	Gas
	dB	dB	OD"	OD"	OD"	OD"	OD"	OD"	OD"	OD"
4MCUTY1A548B1A	33.0	50.0	3/8"	7/8"	3/4"	N/A	N/A	N/A	3/8"	5/8"
4MCUTY2A548B1A	34.0	50.0	3/8"	1-1/8"	1-1/8"	3/8"	1-1/8"	1-1/8"	3/8"	5/8"
4MCUTY4A548B1A	36.0	50.0	3/8"	1-1/8"	1-1/8"	3/8"	1-1/8"	1-1/8"	3/8"	5/8"
4MCUTY6A548B1A	36.0	50.0	3/8"	1-1/8"	1-1/8"	3/8"	1-1/8"	1-1/8"	3/8"	5/8"

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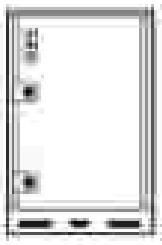
For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data Ratings and/or Installers Guides and Limited Warranty Handbooks.

American Standard AccuFlex™ VRF Water Source Units



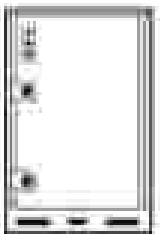


Table DU-18-A — R-410A VRF 208~230V Water Source Heat Pump / Heat Recovery Single Modules

Outdoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in) W	D	H	Shipping Weight (lbs)	Sound Pressure Level	MCA	MOP	Line Size (in) OD Gas	OD Liq.	HGR Gas
4TVR0072B3000NE	208-230/1/60	72,000	30.2	21.5	35.4	353	48	16.0	20	⅞	⅜	⅝
4TVR0092B3000NE	208-230/1/60	96,000	30.2	21.5	35.4	353	48	23.0	40	⅞	⅜	⅝
4TVR0122B3000NE	208-230/1/60	120,000	30.2	21.5	35.4	353	50	30.0	60	1⅛	½	⅞
4TVR0152B3000NE	208-230/1/60	152,000	43.2	21.5	35.4	529	51	35.0	60	1⅛	⅝	1⅛

Table DU-18-B — R-410A VRF 460V Water Source Heat Pump / Heat Recovery Single Modules

Outdoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in) W	D	H	Shipping Weight (lbs)	Sound Pressure Level	MCA	MOP	Line Size (in) OD Gas	OD Liq.	HGR Gas
4TVR0072B4000NE	460/3/60	72,000	30.2	21.5	35.4	368	48	10.0	15	⅞	⅜	⅝
4TVR0092B4000NE	460/3/60	96,000	30.2	21.5	35.4	368	48	11.0	15	⅞	⅜	⅝
4TVR0122B4000NE	460/3/60	120,000	30.2	21.5	35.4	368	50	15.5	25	1⅛	½	⅞
4TVR0152B4000NE	460/3/60	152,000	43.2	21.5	35.4	543	51	20.2	35	1⅛	⅝	1⅛

This document is designed to be a quick reference guide. Please consult VRF Select for all systems selections and the latest product data catalog(s) for diagrams and field electrical data.

(1) Sound pressure was measured in a dead room. Actual sound level may be different depending on installation conditions.

(2) Information subject to change. Please confirm with current Product Data for current factory provisions.

(3) Use only 4MCA0107 | for Generation VII only with R-410A Water Source Units.

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Table OU-15-A — R-410A VRF 208~230V Heat Pump Single Modules

Outdoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Unit/Shipping Dimensions (in) W	D	H	Shipping Weight (lbs)	Sound Pressure Level	MCA	MOP	Line Size (in) OD Gas	OD Liq.
4TVHD072E1[ ]NB	208-230/1/60	72,000	34.6	30.1	66.7	461	60	28.8	35	⅞	⅜
4TVHD096E1[ ]NB	208-230/1/60	96,000	50.5	30.1	66.7	595	61	37.8	50	⅞	⅜
4TVHD120E1[ ]NB	208-230/1/60	120,000	50.5	30.1	66.7	640	61	43.0	50	1⅛	⅜
4TVHD144E1[ ]NB	208-230/1/60	144,000	50.5	30.1	66.7	691	62	52.4	70	1⅛	⅜
4TVHD168E1[ ]NC	208-230/3/60	168,000	50.5	30.1	66.7	754	63	33.9	40	1⅛	⅜
4TVHD192E1[ ]NC	208-230/3/60	192,000	50.5	30.1	66.7	772	64	37.8	45	1⅛	⅜

Table OU-15-E — R-410A VRF 208~230V Heat Recovery Single Modules

Outdoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Unit/Shipping Dimensions (in) W	D	H	Shipping Weight (lbs)	Sound Pressure Level	MCA	MOP	Line Size (in) OD Gas	OD Liq.	HDR Gas
4TVRD072E1[ ]NB	208-230/1/60	72,000	34.6	30.1	66.7	466	60	28.8	35	⅞	⅜	⅞
4TVRD096E1[ ]NB	208-230/1/60	96,000	50.5	30.1	66.7	579	61	37.8	50	⅞	⅜	⅞
4TVRD120E1[ ]NB	208-230/1/60	120,000	50.5	30.1	66.7	629	61	43.0	50	1⅛	⅜	⅞
4TVRD144E1[ ]NB	208-230/1/60	144,000	50.5	30.1	66.7	714	62	52.4	70	1⅛	⅜	⅞
4TVRD168E1[ ]NC	208-230/3/60	168,000	50.5	30.1	66.7	778	63	33.9	40	1⅛	⅜	⅞
4TVRD192E1[ ]NC	208-230/3/60	192,000	50.5	30.1	66.7	778	64	37.8	45	1⅛	⅜	1⅛

Table OU-15-C — R-410A VRF 460V Heat Pump Single Modules

Outdoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Unit/Shipping Dimensions (in) W	D	H	Shipping Weight (lbs)	Sound Pressure Level	MCA	MOP	Line Size (in) OD Gas	OD Liq.
4TVHD072E4[ ]NB	460/3/60	72,000	34.6	30.1	66.7	472	60	16.4	20	⅞	⅜
4TVHD096E4[ ]NB	460/3/60	96,000	50.5	30.1	66.7	582	61	19.0	25	⅞	⅜
4TVHD120E4[ ]NB	460/3/60	120,000	50.5	30.1	66.7	582	61	21.7	30	1⅛	⅜
4TVHD144E4[ ]NB	460/3/60	144,000	50.5	30.1	66.7	714	62	25.4	40	1⅛	⅜
4TVHD168E4[ ]NC	460/3/60	168,000	50.5	30.1	66.7	707	63	33.9	40	1⅛	⅜
4TVHD192E4[ ]NC	460/3/60	192,000	50.5	30.1	66.7	774	64	37.8	50	1⅛	⅜

Table OU-15-D — R-410A VRF 460V Heat Recovery Single Modules

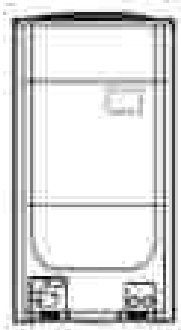
Outdoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Unit/Shipping Dimensions (in) W	D	H	Shipping Weight (lbs)	Sound Pressure Level	MCA	MOP	Line Size (in) OD Gas	OD Liq.	HDR Gas
4TVRD072E4[ ]NB	460/3/60	72,000	34.6	30.1	66.7	461	60	16.4	20	⅞	⅜	⅞
4TVRD096E4[ ]NB	460/3/60	96,000	50.5	30.1	66.7	596	61	19.0	25	⅞	⅜	⅞
4TVRD120E4[ ]NB	460/3/60	120,000	50.5	30.1	66.7	596	61	21.7	30	1⅛	⅜	⅞
4TVRD144E4[ ]NB	460/3/60	144,000	50.5	30.1	66.7	734	62	25.4	40	1⅛	⅜	⅞
4TVRD168E4[ ]NC	460/3/60	168,000	50.5	30.1	66.7	778	63	33.9	40	1⅛	⅜	⅞
4TVRD192E4[ ]NC	460/3/60	192,000	50.5	30.1	66.7	794	64	37.8	50	1⅛	⅜	1⅛

This document is designed to assist reference during system design. Select full equipment specifications and the latest product data catalog pages for diagrams and final electrical data.

(1) Sound pressure was measured in a sound booth. Actual noise level may be different depending on installation conditions.

(2) Information subject to change. Please confirm with current Product Data for current factory production.

(3) If using 4TVHD heat recovery units with Gen4 (or later) ACCs, the max Sound and Not Sound must be changed. Sound is available through Trane sound supplies.



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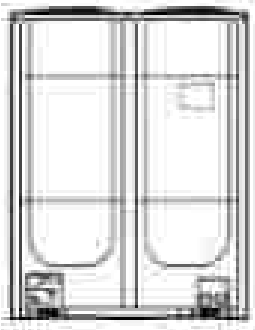

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

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Table DU-20-A — R-410A VRF 208~230V Next Generation Heat Pump Single Modules

Outdoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Unrated Dimensions (in) W	D	H	Shipping Weight (lbs)	Sound Pressure Level (1)	MCA (2)	MOP (2)	Line Size (in) OD Gas	OD Liq.
4TVH0GT2C30BNA	208-230/1/60	72,000	34.5	30.1	66.7	428	60	28.0	35	5/8	3/8
4TVH0096C30BNA	208-230/1/60	96,000	34.5	30.1	66.7	524	61	37.8	50	7/8	3/8
4TVH0120C30BNA	208-230/1/60	120,000	34.5	30.1	66.7	524	61	43.0	60	7/8	3/8
4TVH0144C30BNA	208-230/1/60	144,000	34.5	30.1	66.7	557	62	52.8	70	1 1/8	3/8
4TVH0168C30BNA	208-230/1/60	168,000	34.5	30.1	66.7	717	63	66.0	80	1 1/8	5/8
4TVH0192C30BNA	208-230/1/60	192,000	34.5	30.1	66.7	734	64	73.0	90	1 1/8	5/8

Table DU-20-B — R-410A VRF 208~230V Next Generation Heat Recovery Single Modules

Outdoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Unrated Dimensions (in) W	D	H	Shipping Weight (lbs)	Sound Pressure Level (1)	MCA (2)	MOP (2)	Line Size (in) OD Gas	OD Liq.	HDT Gas
4TVR0GT2C30BNA	208-230/1/60	72,000	34.5	30.1	66.7	428	60	28.0	35	5/8	3/8	3/8
4TVR0096C30BNA	208-230/1/60	96,000	34.5	30.1	66.7	524	61	37.8	50	7/8	3/8	3/8
4TVR0120C30BNA	208-230/1/60	120,000	34.5	30.1	66.7	524	61	43.0	60	7/8	3/8	3/8
4TVR0144C30BNA	208-230/1/60	144,000	34.5	30.1	66.7	557	62	52.8	70	1 1/8	3/8	3/8
4TVR0168C30BNA	208-230/1/60	168,000	34.5	30.1	66.7	717	63	66.0	80	1 1/8	5/8	3/8
4TVR0192C30BNA	208-230/1/60	192,000	34.5	30.1	66.7	734	64	73.0	90	1 1/8	5/8	1/2

Table DU-20-C — R-410A VRF 460V Next Generation Heat Pump Single Modules

Outdoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Unrated Dimensions (in) W	D	H	Shipping Weight (lbs)	Sound Pressure Level (1)	MCA (2)	MOP (2)	Line Size (in) OD Gas	OD Liq.
4TVH0GT2C40BNA	460/3/60	72,000	34.5	30.1	66.7	428	60	16.4	20	5/8	3/8
4TVH0096C40BNA	460/3/60	96,000	34.5	30.1	66.7	524	61	19.0	25	7/8	3/8
4TVH0120C40BNA	460/3/60	120,000	34.5	30.1	66.7	524	61	21.7	30	7/8	3/8
4TVH0144C40BNA	460/3/60	144,000	34.5	30.1	66.7	557	62	25.4	40	1 1/8	3/8
4TVH0168C40BNA	460/3/60	168,000	34.5	30.1	66.7	717	63	33.0	40	1 1/8	5/8
4TVH0192C40BNA	460/3/60	192,000	34.5	30.1	66.7	734	64	37.0	50	1 1/8	5/8

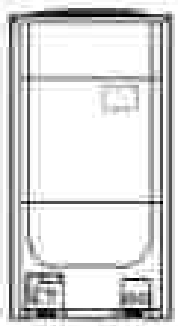
Table DU-20-C — R-410A VRF 460V Next Generation Heat Recovery Single Modules

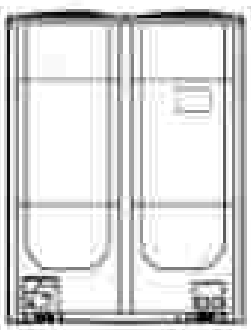
Outdoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Unrated Dimensions (in) W	D	H	Shipping Weight (lbs)	Sound Pressure Level (1)	MCA (2)	MOP (2)	Line Size (in) OD Gas	OD Liq.	HDT Gas
4TVR0GT2C40BNA	460/3/60	72,000	34.5	30.1	66.7	428	60	16.4	20	5/8	3/8	3/8
4TVR0096C40BNA	460/3/60	96,000	34.5	30.1	66.7	524	61	19.0	25	7/8	3/8	3/8
4TVR0120C40BNA	460/3/60	120,000	34.5	30.1	66.7	524	61	21.7	30	7/8	3/8	3/8
4TVR0144C40BNA	460/3/60	144,000	34.5	30.1	66.7	557	62	25.4	40	1 1/8	3/8	3/8
4TVR0168C40BNA	460/3/60	168,000	34.5	30.1	66.7	717	63	33.0	40	1 1/8	5/8	3/8
4TVR0192C40BNA	460/3/60	192,000	34.5	30.1	66.7	734	64	37.0	50	1 1/8	5/8	1/2

This document is designed as a quick reference guide. Please consult VRF Select for all system selections and the latest product data catalog/guide for diagrams and final electrical data.

(1) Sound pressure level measured in a Dead Room. Actual noise level may be different, depending on installation conditions.

(2) Information subject to change. Please confirm with current Product Data for correct factory production.





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14-NB11-35

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Table DU-21-A — R-410A AccuFlex™ VRF ProHeat 208~230V Heat Pump Single Modules

Outdoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in) W	D	H	Shipping Weight (lbs)	Sound Pressure Level (1)	MCA (2)	MOP (3)	Line Size (in) OD Gas	OD Liq.
4TVHL0T2B300NA	208-230/3/60	72,000	50.9	30.1	66.7	657	60	50.0	60	⅞	⅜
4TVHL0[illegible]B300NA	208-230/3/60	96,000	50.9	30.1	66.7	726	61	70.0	80	⅞	⅜

Table DU-21-B — R-410A AccuFlex™ VRF ProHeat 208~230V Heat Recovery Single Modules

Outdoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in) W	D	H	Shipping Weight (lbs)	Sound Pressure Level (1)	MCA (2)	MOP (3)	Line Size (in) OD Gas	OD Liq.	HOT Gas
4TVRL0T2B300NA	208-230/3/60	72,000	50.9	30.1	66.7	667	60	50.0	60	⅞	⅜	⅞
4TVRL0[illegible]B300NA	208-230/3/60	96,000	50.9	30.1	66.7	741	61	70.0	80	⅞	⅜	⅞

Table DU-21-C — R-410A AccuFlex™ VRF ProHeat 460V Heat Pump Single Modules

Outdoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in) W	D	H	Shipping Weight (lbs)	Sound Pressure Level (1)	MCA (2)	MOP (3)	Line Size (in) OD Gas	OD Liq.
4TVHL0T2B400NA	460/3/60	72,000	50.9	30.1	66.7	664	60	29.8	35	⅞	⅜
4TVHL0[illegible]B400NA	460/3/60	96,000	50.9	30.1	66.7	728	61	38.0	45	⅞	⅜

Table DU-21-D — R-410A AccuFlex™ VRF ProHeat 460V Heat Recovery Single Modules

Outdoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in) W	D	H	Shipping Weight (lbs)	Sound Pressure Level (1)	MCA (2)	MOP (3)	Line Size (in) OD Gas	OD Liq.	HOT Gas
4TVRL0T2B400NA	460/3/60	72,000	50.9	30.1	66.7	683	60	29.8	35	⅞	⅜	⅞
4TVRL0[illegible]B400NA	460/3/60	96,000	50.9	30.1	66.7	743	61	38.0	45	⅞	⅜	⅞

This document is designed a quick reference guide, please consult VRF Select for all systems selections with the latest product data installations for diagrams and final electrical data.

(1) Sound pressure was measured in a [illegible] Actual Sound Pressure may be different depending on installation conditions.

(2) Information subject to change. Please confirm with Current Product Data for current factory production.

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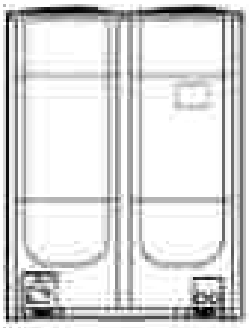

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

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American Standard AccuFlex™ VRF Outdoor Units

Controls

Family	Description	Model Number
Integrated System Management	VRF Enterprise Management Software	[illegible]
Building Management System Gateways	VRF System Controller 16A/Cool	[illegible]
Centralized Control Systems	VRF System TouchScreen Control	[illegible]
	VRF Mode Select Switch	[illegible]
Zone Controllers	VRF Wireless Remote Control	[illegible]
	VRF Wireless Remote Control for Circular Cassettes (4TVS)	[illegible]
	VRF Wired Control	[illegible]
	VRF Single Wired Touch Control	[illegible]
	VRF Unit Signal Receiver & Wire	[illegible]
Interface Modules	VRF External Contact Interface Module	[illegible]
Sensors	VRF Ext. Room Temp Sensor	[illegible]
Utility Kits	VRF Technician Utilities	[illegible]

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EEV Kits

Table for use with 4TVX models.

EEV Type	EEV Model Number	QTY OF INDOOR UNITS		
		4TVX00188100NB		4TVX00248100NB
Single Port EEV	4EEVEVA325A000	1	or	1
Two Port EEV	4EEVXDA32K200A	0	and	2
	4EEVXDA32K200A	1	and	1
	4EEVXDA32K200A	2	and	0
Three Port EEV	4EEVXDA32K300A	0	and	3
	4EEVXDA32K300A	1	and	2
	4EEVXDA32K300A	2	and	1
	4EEVXDA32K300A	3	and	0

Ductless

American Standard AccuFlex™ VRF Unit Accessories

Accessories

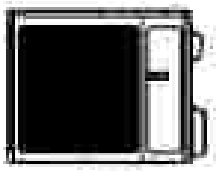
Family	Description	Model Number
Indoor Y-Joint	VRF Y-Joint <54MBh	4YDK1[illegible]A
	VRF Y-Joint 54-138MBh	4YDK2[illegible]A
	VRF Y-Joint 138-192MBh	4YDK2[illegible]A
	VRF Y-Joint 193-240MBh	4YDK2[illegible]A
	VRF Y-Joint 240-336MBh	4YDK3[illegible]A
	VRF Y-Joint 336-480MBh	4YDK3[illegible]A
	VRF Y-Joint >480MBh	4YDK4[illegible]A
Indoor Y-Joint (High Pressure Gas for HR)	VRF Y-Joint HR ≤54MBh	4YDK1[illegible]A
	VRF Y-Joint HR 55-240MBh	4YDK2[illegible]A
	VRF Y-Joint HR 242-468MBh	4YDK3[illegible]A
	VRF Y-Joint HR >468MBh	4YDK3[illegible]A
Outdoor Y-Joint (Outdoor Connection)	Outdoor VRF Y-Joint ≥468MBh	4TDK3[illegible]A
	Outdoor VRF Y-Joint HR ≥468MBh	4TDK3[illegible]A
Header Joint	VRF Header Joint 4Units ≤180MBh	4HJK3[illegible]A
	VRF Header Joint 8Units ≤240MBh	4HJK3[illegible]A
	VRF Header Joint 8Units≥240MBh	4HJK3[illegible]A
MCU Kit	VRF MCU Kit up to 4 IDU	4MCUCUY6NCE[illegible]
	VRF MCU Kit up to 4 IDU	4MCUCUY4NCE[illegible]
	VRF MCU Kit 2 IDU HSP Only	4MCUCUY2NCE[illegible]
	VRF Heat Separation MCU Kit - 1 port	4MCUTV1AS4BB1A
	VRF Heat Separation MCU Kit - 2 port	4MCUTV2AS4BB1A
	VRF Heat Recovery MCU Kit - 4 port	4MCUTV4AS4BB1A
	VRF Heat Separation MCU Kit - 6 port	4MCUTV6AS4BB1A
4MCUTV Y Connectors	6" MCU Liquid Port Y Connector	KIT16156
	1-1/8" MCU Vapor Port Y Connector	KIT16158
EEV Kits (For Wallmounted & Ceiling Indoor Units)	VRF EEV Kit 1Unit 12-51MBh (4TVX0018-24)	4EEVKVA2DSA00
	VRF EEV Kit 2Unit 12-51MBh (4TVX0018-24)	4EEVKVA2DC00A
	VRF EEV Kit 3Unit 12-51MBh (4TVX0018-24)	4EEVKVA3DC00A
Drain Pump	VRF Drain Pump Slim Duct	CONDPUMPKVDB01
	VRF Drain Pump 4Way 7L Ceiling	CONDPUMPKV4B01
	VRF Drain Pump High Wall & Ceiling	CONDPUMPAHWB01
Cassette Panel	VRF Cassette Panel Slim 1Way	TVEPAWPC1WUSET
	VRF Cassette Panel Mini 4Way	PNL4WAYMINICOA
	VRF Cassette Panel 4Way	TVEPAWPC4WUSET
Hail Guards	4TVH4TVR00728	TVSAIRD001A
	4TVH4TVR00858-1035; 4TVPL Flat Heat	TVSAIRD002A
	4TVH0038B, 4TVH0048B, 4TVH0053B	TVSAIRD003A

* Note: For application with Water Source Heat Recovery only (4TVP)

Table DU-23-A — R-410A VRF Software

VRF Select	PC Windows Based	Download from www.ASDealerNet.com
Tech-ician Utility Software	PC Windows Based	Download from www.ASDealerNet.com

Ductless Single Zone System
Pro Series Single Phase – 1½ - 4 Tons



4TXU20

Table DU-24-A — Pro Series R-410A Single Zone System HP — Single Phase, 1½ to 4 Ton

Outdoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Unpackaged Dimensions (in) W	D	H	Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Line Size (in) ID Size	OD Liq.
4TXU20**1**A10NGA	208-230/1/60	17,100	37.5	16.5	37.6	116.0	55	17	20	½	⅜
4TXU20**24**A10NGA	208-230/1/60	23,000	38.5	16.8	31.1	163.0	57	24	40	⅝	⅜
4TXU20**30**A10NGA	208-230/1/60	28,200	38.5	16.8	31.1	170.0	58	24	40	⅝	⅜
4TXU20**36**A10NGA	208-230/1/60	34,000	42.8	17.3	43.3	223.0	63	29	45	⅝	⅜
4TXU20**42**A10NGA	208-230/1/60	39,000	37.7	16.2	33.1	232.0	61	31	50	⅝	⅜
4TXU20**48**A10NGA	208-230/1/60	48,000	37.7	16.2	33.1	254.0	63	40	70	⅝	⅜

4UXD20

Table DU-24-B — Pro Series R-410A Single Zone System Duct HP - Single Phase, 1½ to 4 Ton

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in) W	D	H	Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Line Size (in) ID Size	OD Liq.
4UXD22**1**BA1**1**NGA	208-230/1/60	15,000	46.8	26.4	16.2	83.8	35-40	15	½	⅜
4UXD2024A10NGA	208-230/1/60	24,000	50.4	22.0	16.6	86.0	40-47	15	⅝	⅜
4UXD2030A10NGA	208-230/1/60	30,000	50.4	22.0	16.6	88.0	40-47	15	⅝	⅜
4UXD2036A10NGA	208-230/1/60	36,000	48.3	30.5	11.4	116.6	44-53	15	⅝	⅜
4UXD2042A1**1**NGA	208-230/1/60	42,000	48.3	30.5	11.4	116.6	44-53	15	⅝	⅜
4UXD2048A10NGA	208-230/1/60	48,000	52.8	29.5	13.8	146.2	46-55	15	⅝	⅜

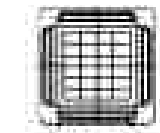
4UXC30

Table DU-24-C — Pro Series R-410A Single Zone System Cassette HP - Single Phase, 1½ to 4 Ton

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in) W	D	H	Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Line Size (in) ID Size	OD Liq.
4UXC22**1**BA1**1**NGA	208-230/1/60	15,000	30.9	30.9	9.3	53.0	37-47	15	½	⅜
4UXC2024A10NGA	208-230/1/60	24,000	39.1	33.1	9.4	83.6	38-47	15	⅝	⅜
4UXC2030A10NGA	208-230/1/60	30,000	39.1	33.1	12.6	97.0	40-49	15	⅝	⅜
4UXC2036A10NGA	208-230/1/60	36,000	39.1	33.1	12.6	97.0	43-51	15	⅝	⅜
4UXC2042A10NGA	208-230/1/60	42,000	39.1	33.1	12.6	97.0	43-51	15	⅝	⅜
4UXC2048A10NGA	208-230/1/60	48,000	35.8	35.8	11.4	110.2	41-53	15	⅝	⅜

Cassette Cover Panels (must be ordered separately)

Model Number	Description	Matches Cassette (1)* Model(s)
4UXL2018A10NGA	Cover Panel 25.4 x 25.4 x 2.0	4UXC2018A
4UXL2024A10NGA	Cover Panel 37.4 x 37.5 x 2.6	4UXC2024A - 4UXC2042A
4UXL2048A10NGA	Cover Panel 41.3 x 40.3 x 2.6	4UXC2048A



4UXL30

4UXX20

Table DU-24-D — Pro Series R-410A Single Zone System Floor/Ceiling HP - Single Phase, 1½ to 4 Ton

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in) W	D	H	Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Line Size (in) ID Size	OD Liq.
4UXX22**1**BA10NUA	208-230/1/60	18,000	48.0	27.6	8.5	103.6	32-44	15	½	⅜
4UXX2024A10NGA	208-230/1/60	24,000	48.0	27.6	8.5	110.3	40-48	15	⅝	⅜
4UXX2030A10NGA	208-230/1/60	30,000	58.3	27.6	9.6	123.5	38-46	15	⅝	⅜
4UXX2036A10NUA	208-230/1/60	36,000	58.3	27.6	9.6	123.5	46-54	15	⅝	⅜
4UXX2042A10NUA	208-230/1/60	42,000	58.5	27.6	9.6	127.9	47-55	15	⅝	⅜
4UXX2048A10NGA	208-230/1/60	48,000	58.3	27.6	9.6	148.8	46-54	15	⅝	⅜

(1) Rated to the AHRI Directory for certified combinations and product performance.

(2) Outdoor unit must be matched with one of the three corresponding indoor units listed. These are the only matched systems.

(3) Indoor units and outdoor units are purchased from separate branch records.

* Information subject to change. Please consult with current Product Data/Service Facts for current factory production.

** Sound Pressure Level @3.5 ft (1.0 m).

Ductless Single Zone System
Pro Series Single Phase – 1½ • 4 Tons

Table DU-25-A — Features	4TXUX20 Single Zone up to 20 SEER
• R410A refrigerant	✔
• Nominal capacity 18-48 MBH	✔
• Cooling efficiency up to 20 SEER	✔
• Heating efficiency range 9.10 HSPF	✔
• Heat Pump	✔
• Crankcase Heater	✔
• Fan Heater	✔
• Low sound level	✔
• Blue fin anti-corrosion treatment	✔
• ETL and AHRI listed	✔
• Sleep mode function	✔
• Memory reset function	✔
• Low ambient heating and cooling to 0°F	✔
• Improved air quality with active carbon and catechin filters	✔
• **Registered limited warranty 5-year on all other functional parts** (1)	✔
• **Optional extended warranties available through third parties**	✔

(1) Registered Limited Warranty terms are available when these products are registered within 60 days of installation. Registration can be done online at www.trane.com or www.americanstandardair.com or by phone at 800-368-2626 otherwise Refurbished Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ACDealerTax.com.

Read Only

Table DU-25-B —Optional Outdoor Unit Accessories

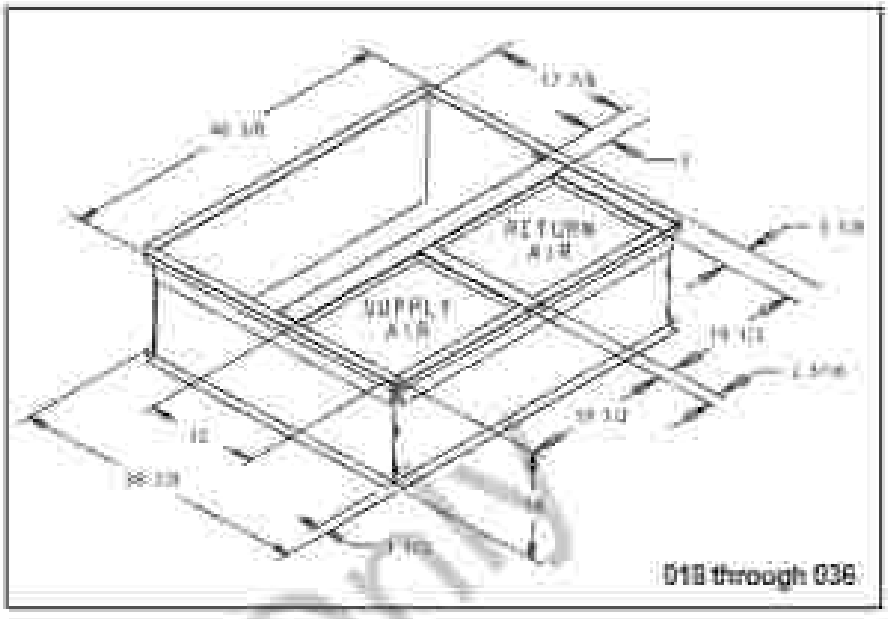
Model Number	Description	4TXUX18 Single Zone up to 20 SEER
2WYREFLN060	Linelset Kit ¼ in. - 20'	✔
2WYREFLN090	Linelset Kit ⅜ in. - 20'	✔
2WYREFLN075	Linelset Kit ⅜ in. - 20'	✔
2WYREFLN095	Linelset Kit ⅜ in. - 20'	✔
2WYREFLN060	Linelset Kit ¼ in. - 50'	✔
2WYREFLN090	Linelset Kit ⅜ in. - 50'	✔
2WYREFLN075	Linelset Kit ⅜ in. - 50'	✔

Table DU-25-C —Optional Indoor Unit Accessories

Model Number	Description	4UXXC20 Single Zone Indoor up to 20 SEER	4UXXC20 Single Zone Indoor up to 20 SEER	4UXXX20 Single Zone Indoor up to 20 SEER
ARBMOTE2SHANDAA	Wireless controller	✔	✔	✔
TRDWREZAHANDAA	Wired controller (shipped with) (notice here for reorder reference)	✔	✔	✔
ARBPROG2SHANDAA	Programmable Wired controller	✔	✔	✔

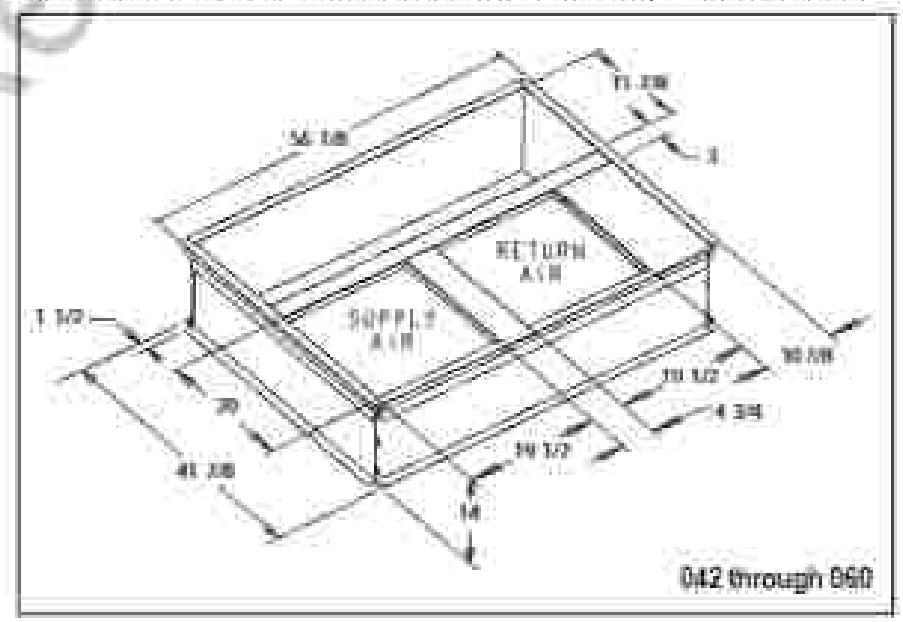
Roof Curbs

BAYCURB050A FULL PERIMETER ROOF MOUNTING CURB OUTLINE



Full Perimeter BAYCURB060A	Full Perimeter BAYCURB061A
4TCY4024-036	4TCY4042-060
4TCX3018-036/4TCC3018-036	4TCX3042-060/4TCC3042-060
4WCZ5036/4DCZ5036	4WCZ5048-060/4DCZ5048-060
4WCY4024-036/4DCY4024-036	4WCY4042-060/4DCY4042-060
2/4WCX3018-036/2/4WCC3018-036	2/4WCX3042-060/2/4WCC3042-060
4YCZ5036	4YCZ5048-060
4TCY4024-036	4TCY4042-060
2/4TCX3018-036/2/4YCC3018-036	2/4TCX3042-060/2/4YCC3042-060

BAYCURB051A FULL PERIMETER ROOF MOUNTING CURB OUTLINE



Roof Only

For complete equipment / combination assertions, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

ACRN-1

Effective 1/1/18
14-1014-25

Accessories/Information

Thermal Expansion Valves

Expansion Valve TXV Cooling/Heat Pump Kit

General Information

This Thermostatic Expansion Valve Kit may be used on any indoor air handler or coil that is equipped with a current thermostatic expansion valve with an internal check valve and mechanical fittings. This kit can be used on split system heat pumps and air conditioning systems.

Thermostatic Expansion Valve Kits can be field installed to fit a variety of sizes and combinations of air handlers or coils and outdoor units to optimize performance.

This TXV kit will normally be used when a different refrigerant is going to be used in the air handler or coil than what is indicated on the unit name plate. The TXV type must always match the refrigerant type used in the outdoor unit.

Kit Identification

The first character in the kit model number indicates the type of refrigerant that the valve can be used with. Example: a 4MTXVHSD1660A is an R-410 valve.

The "S" in the eighth digit in the model number identifies the valve as a non-bleed TXV. When this TXV kit is installed with an outdoor unit that contains a reciprocating compressor, the outdoor unit must be equipped with a hard start kit if not factory installed. If the outdoor unit contains a scroll compressor, the installation of a hard start kit may be required.

Inspection

Check carefully for any shipping damage. Any such damage must be reported and claims made against the transportation company immediately. Any missing parts should be reported to your supplier at once and replaced with authorized parts only.

Table AC8N-2-A Cooling/Heat Pump Non-Bleed TXV Kits- Dual Direction Flow-TXA/C-BC Coils

R-410 Model Number	R-22 Model Numbers	Used With CD SEER Coils
4MTXVHSD1660A	2MTXVHSD1660A	24TXC-TXA018
4MTXVHSD1860A	2MTXVHSD1860A	24TXC-TXA024-A02
4MTXVHSD1860A	2MTXVHSD1860A	24TXC-TXA024-A03
4MTXVHSD1860A	—4TXC-4TXA-022	
4MTXVHSD2460A	2MTXVHSD2460A	24TXC-TXA030-A02
4MTXVHSD2460A	2MTXVHSD2460A	24TXC-TXA030-A03
4MTXVHSD3660A	—4TXC-4TXA-044	
4MTXVHSD4860A	2MTXVHSD4860A	24TXC-TXA048-A01-050
4MTXVHSD4860A	2MTXVHSD4860A	24TXC-TXA060-A01-064

Table AC/N-2-B Cooling/Heat Pump Non-Bleed TXV Kits- Dual Direction Flow

R-410 Model Number	R-22 Model Number	Used With Horizontal Flat Coils
4MTXVHSD1660A	2MTXVHSD1660A	24TDF-018
4MTXVHSD1860A	2MTXVHSD1860A	24TDF-024
4MTXVHSD2460A	2MTXVHSD2460A	24TDF-030
4MTXVHSD4860A	2MTXVHSD4860A	24TDF-048
4MTXVHSD4860A	2MTXVHSD4860A	24TDF-060

Table AC/N-2-C Cooling/Heat Pump Non-Bleed TXV Kits-Dual Direction Flow-TXA/C-AS Coils

R-410 Model Number	R-22 Model Number	Used With AS Algorithm Coils
4MTXVHSD1660A	2MTXVHSD1660A	24TBA,TXC-018
4MTXVHSD1860A	2MTXVHSD1860A	24TBA,TXC-024
4MTXVHSD2460A	2MTXVHSD2460A	24TBA,TXC-030
4MTXVHSD3660A	2MTXVHSD3660A	24TBA,TXC-037
4MTXVHSD4860A	2MTXVHSD4860A	24TBA,TXC-054
4MTXVHSD4860A	2MTXVHSD4860A	24TBA,TXC-060

Table AC/N-2-D Cooling/Heat Pump Non-Bleed TXV Kits – Dual Direction Flow 4NXA/4NXC

R-22 Number	Used With 4NXA & 4NXC Coils
2MTXVHSD1660A	4NXA,NXC – 018 – 024
2MTXVHSD2460A	4NXA,NXC – 030 – 036
2MTXVHSD3660A	4NXA – 042

Table AC/N-2-E Cooling/Heat Pump Non-Bleed TXV Kits- Dual Direction Flow

R-410 Number	R-22 Numbers	Used With Air Handlers
4MTXVHSD1660A	2MTXVHSD1660A	2TPB-018-030
4MTXVHSD1860A	2MTXVHSD1860A	2TPB-036
4MTXVHSD1860A	2MTXVHSD1860A	2TPE-036
4MTXVHSD1860A	2MTXVHSD1860A	24TEC-018-030
	2MTXVHSD1860A	24TEC-036
4MTXVHSD3660A		24TEC-036-042
	2MTXVHSD4860A	24TEC-042-060
4MTXVHSD4860A		24TEC-048-060
4MTXVHSD1860A	2MTXVHSD1860A	24TEH-018-030
	2MTXVHSD1860A	4TEH-036
4MTXVHSD3660A		2TEH-036-042
	2MTXVHSD4860A	4TEH-042-060
4MTXVHSD4860A		2TEH-048-060
4MTXVHSD1860A	2MTXVHSD1860A	24TEB-018
4MTXVHSD1860A	2MTXVHSD1860A	24TEB-030
4MTXVHSD1860A	2MTXVHSD1860A	24TEB-036
4MTXVHSD3660A	2MTXVHSD1860A	24TEB-036
4MTXVHSD3660A	2MTXVHSD4860A	24TEB-042
4MTXVHSD4860A	2MTXVHSD4860A	24TEB-048
4MTXVHSD3660A	2MTXVHSD4860A	24TEE-036
4MTXVHSD4860A	2MTXVHSD4860A	24TEE-048-064

For complete equipment / combination specifications, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installation Guides and Limited Warranty Handbooks.

BUILT TO A HIGHER STANDARD

American Standard.

HEATING & AIR CONDITIONING

Thermal Expansion Valves

Expansion Valve TXV Cooling Kit

Table AC/IN-3-A — Cooling Bleed TXV Kits – Single Direction Flow

Model Number	Used With AC Units	Liquid Line Connection Dia. I.D. (in.)	Gas Line Connection Dia. I.D. (in.)	Shipping Weight (lbs.)	Refrigerant
TXVTXVA3B3C	1-1½ Ton	[illegible]	[illegible]	2	R-22
TXVTXVA3C3C	2-2½ Ton	[illegible]	[illegible]	2	R-22
TXVTXVA3E3C	3-3½ Ton	[illegible]	[illegible]	2	R-22
TXVTXVA3G3C	4 Ton	[illegible]	1⅛	2	R-22
TXVTXVA3H3C	5-6 Ton	[illegible]	1⅛	2	R-22

Table AC/IN-3-B — Cooling Non-Bleed TXV Kits – Single Direction Flow

Model Number	Used With AC Units	Liquid Line Connection Dia. I.D. (in.)	Gas Line Connection Dia. I.D. (in.)	Shipping Weight (lbs.)	Refrigerant
TXVTXVA3B3C	1-1½ Ton	[illegible]	[illegible]	2	R-22
TXVTXVA3C3C	2-2½ Ton	[illegible]	[illegible]	2	R-22
TXVTXVA3E3C	3-3½ Ton	[illegible]	[illegible]	2	R-22
TXVTXVA3G3C	4 Ton	[illegible]	1⅛	2	R-22
TXVTXVA3H3C	5-6 Ton	[illegible]	1⅛	2	R-22

Expansion Valve TXV Heat Pump Kit*

Table AC/IN-3-C — Heat Pump Non- Bleed TXV Kits (also for cooling) – Dual Direction Flow

Model Number	Used With AC Units	Liquid Line Connection Dia. I.D. (in.)	Gas Line Connection Dia. I.D. (in.)	Shipping Weight (lbs.)	Refrigerant
TXVTXVH3B3C	1-1½ Ton	[illegible]	[illegible]	3	R-22
TXVTXVH3C3C	2-2½ Ton	[illegible]	[illegible]	3	R-22
TXVTXVH3E3C	3-3½ Ton	[illegible]	[illegible]	3	R-22
TXVTXVH3G3C	4 Ton	[illegible]	1⅛	3	R-22
TXVTXVH3H3C	5-6 Ton	[illegible]	1⅛	3	R-22

Table AC/IN-3-D— Cooling/Heat Pump Non-Bleed TXV Kits - Dual Direction Flow*

Model Number	Used With AC Units	Liquid Line Connection Dia. I.D. (in.)	Gas Line Connection Dia. I.D. (in.)	Shipping Weight (lbs.)	Refrigerant
TXVTXVH3D3C	2½ -3 Ton	[illegible]	1⅛	2	R-22
TXVTXVH3G3C	4-5 Ton	[illegible]	1⅛	2	R-22

Table AC/IN-3-E— R-410A Heat Pump Non-Bleed TXV Kits (also for cooling) - Dual direction flow

Model Number	Used With HPAC Units	Liquid Line Connection Dia. I.D. (in.)	Gas Line Connection Dia. I.D. (in.)	Shipping Weight (lbs.)	Refrigerant
4AVTXVH3A1B3A	1½-2½ Ton	[illegible]	[illegible]	2	R-410A
4AVTXVH3A1E3A	3-4 Ton	[illegible]	[illegible]	2	R-410A
4AVTXVH3A1B3A	5 Ton	[illegible]	[illegible]	2	R-410A

(1) 1 1/2 ton requires 1/4" liquid line, reducer fittings provided.
(2) 1 1/2 ton requires 1/2" suction line, 2 ton requires 1/8" reducer fittings provided.
(3) 1 & 2 1/2 ton requires 3/4" suction line, reducer fittings provided.
* Used with LRH units only where approved for use with 2 compressor systems.

Notes:

- Use in place of FCCV (Above) on air handlers and coils
- Match TXV kit size to outdoor nominal cooling capacity
- Brass field connections

Rated Only

For complete equipment / combination assertions, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

AC/IN-3

Effective 1/1/18
14-1014-25

Accessories/Information

BUILT TO A HIGHER STANDARD

American Standard.

HEATING & AIR CONDITIONING

Equipment Date Identification

1988 – 2066

The nine digit serial numbers on all American Standard central air conditioning and heating products are employed to identify the year and fiscal week of product manufacture.

Year of manufacture	First digit	M1240804CF
Fiscal week of manufacture	Second and third digit	M1240X04CF
Day of week of manufacture	Fourth digit	M1240804CF
Consecutive order of production	Last five digits	M1240X64CF

Exception – Accessories are an exception to the nine digit serial number assignment and may have only three digits to indicate date code. Coils which have only three digits to indicate date code are an exception to the nine digit serial number assignment.

Year	Residential, 10 & 13 SEER Light Commercial Products & Compressors	Duralite DAS Products Gas Furnaces(1)	Year	Residential, 14 & 15 SEER Light Commercial Products & Compressors	Duralite DAS Products Gas Furnaces(1)	Year	Residential, 16 & 17 SEER Light Commercial Products & Compressors	Duralite DAS Products Gas Furnaces(1)
1988	Q, A	L	1967	M	97	2014	14	
1989	T	M	1968	N	98	2015	15	
1990	U	N	1969	P	99	2016	16	
1991	W	S	2000	R		2017	17	
1992	X	Q	2001	T		2018	18	
1993	Y	85	2002	2		2019	19	
1994	1	86	2003	3				
1995	8	87	2004	4				
1996	C	88	2005	5				
1997	D	89	2006	6				
1998	E	90	2007	7				
1999	F	91	2008	8				
1990	G	92	2009	9 or 09				
1991	H	93	2010	10				
1994	J	94	2011	11				
1995	K	95	2012	12				
1996	L	96	2013	13				

(1) Beginning with 1/1/96 (L01) Duralite all furnace production uses same date code method as gas furnaces. Prior to 1/1/96 Duralite serial number used last four digits = date code: example M0123456**8540** 1996, 40th week.

Example: 123456**8540**

Year of manufacturing — Fiscal week of manufacture

(1) Dedicated horizontal gas furnaces, production ceased after introduction of convertible furnaces.

2016

Digit	Description	Current Digit Value Options
1st	Second to Last integer of the current calendar year	1 through 9 and blank space. Blank Space used when 0 (zero)
2nd	Last integer of the current calendar year	0 through 9
3rd	Fiscal Week (Tens Numeral)	0 through 5
4th	Fiscal Week (Units Numeral)	0 through 9
5th	Day of the Week	1 through 7
6th	Time Stamp	A through Z and 0 through 9, excluding I, O, Q, V, Y, and Z
7th	Time Stamp	A through Z and 0 through 9, excluding I, O, Q, V, Y, and Z
8th	Time Stamp	A through Z and 0 through 9, excluding I, O, Q, V, Y, and Z
9th	Assembly Line Designator	A through Z and 0 through 9, excluding I, O, Q, V, Y, and Z
10th	Plant Code	A, D, F, G, H, L, V, Y, X

Plant Codes (starting around 1995):
A = Muscatine
D = Springhill, LA (used to be the last character of a 10 digit serial on FL Smith products when they were sold commercially back in the late 1980's)
F = Tyler, TX
G = Trenton, NJ
H = Ft. Smith, AR
L = Lynn Haven, FL
V = Valasa, GA
X = Sourced products

For complete equipment / combination assembly, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installation and Limited Warranty Handbooks.

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BUILT TO A HIGHER STANDARD

American Standard.

HEATING & AIR CONDITIONING

Refrigerant Line Sets

Table AC/IN-5-A — Refrigerant Line Sets

Model Number	Gas Line(1)(2) Dia. O.D.	Liquid Line Dia. O.D.	Length	Shipping Weight
TAYREFLN320	⅝	⅜	25	20
TAYREFLN330	⅝	⅜	30	24
TAYREFLN340	⅝	⅜	40	30
TAYREFLN310	⅝	⅜	50	39
TAYREFLN720	⅝	⅜	25	19
TAYREFLN730	⅝	⅜	30	22
TAYREFLN740	⅝	⅜	40	29
TAYREFLN710	⅝	⅜	50	35
TAYREFLN850	⅝	⅜	50	30

(1) Gas line 30" (wind line end)
(2) Gas line insulation 1/2" thickness
Note: Condensate holding charge of Nitrogen.

Read Only

Accessories/Information

For complete equipment / combination assertions, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

BUILT TO A HIGHER STANDARD

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HEATING & AIR CONDITIONING

Refrigerant HFC 410A (R-410A)

Tables contain no allowances for vertical lift!

Table ACIN-6-A — Liquid Line Selection Table for R-410A Single Speed Systems

Maximum Allowable Liquid Line Pressure Drop	=	50 PSI
Subtract .43 PSI for each foot of Liquid Lift (if any)		
Do Not Exceed this value when selecting Liquid Line		

Tube O.D.	Rated BTU/H	Pressure Drop (PSI) For Total Equivalent Length											
		25'	40'	60'	80'	100'	125'	150'	175'	200'	225'	250'	275'
1/4"	15000	8.5	9.9	13.6	18.1	22.5	27.1	31.6	36.2	40.7	45.2	49.7	—
	18000	6.3	12.8	18.9	25.1	31.4	37.7	44.0	—	—	—	—	—
	24000	11.4	20.9	46.2	—	—	—	—	—	—	—	—	—
5/16"	15000	1.2	2.4	3.5	4.7	5.9	7.1	8.2	9.4	10.6	11.8	13.0	14.2
	18000	1.6	3.0	4.3	5.6	7.0	8.5	11.5	12.1	14.8	16.4	18.0	19.7
	24000	2.8	5.2	8.2	11.9	13.8	16.6	19.3	22.1	24.8	27.6	30.4	33.1
	30000	4.1	8.3	12.4	16.8	20.7	24.8	28.8	33.1	37.2	41.4	45.5	49.7
	36000	5.8	11.6	17.3	23.1	28.9	34.7	40.5	46.2	—	—	—	—
	42000	7.7	15.4	23.0	30.7	38.4	46.1	—	—	—	—	—	—
3/8"	36000	1.6	1.9	2.8	3.8	4.8	5.8	6.7	7.7	8.6	9.6	10.6	11.5
	30000	1.8	2.9	4.2	5.8	7.2	8.6	10.1	11.5	13.0	14.4	15.9	17.3
	36000	2.6	4.8	6.1	8.1	10.1	12.1	14.1	16.2	18.2	20.2	22.2	24.2
	42000	2.7	5.3	8.0	10.6	13.3	16.0	18.6	21.3	23.9	26.6	29.3	31.9
	48000	3.4	6.8	10.3	13.8	17.3	20.8	24.2	27.7	31.2	34.6	38.1	41.6
	60000	5.1	10.3	15.4	20.6	25.7	30.8	35.9	41.1	46.3	—	—	—
1/2"	42000	.5	1.1	1.6	2.2	2.7	3.3	3.8	4.3	4.8	5.4	5.9	6.5
	48000	.7	1.4	2.0	2.7	3.4	4.1	4.8	5.4	6.1	6.8	7.5	8.2
	60000	1.0	2.1	3.1	4.2	5.2	6.3	7.3	8.3	9.4	10.4	11.4	12.5

Note 1: A blank space indicates a pressure drop of over 50 PSI.
Note 2: When sizing lineset or pressure drop, (solenoid valves, etc.) must be considered.
Note 3: A vertical rise with a heat pump system always results in a liquid lift (heating or cooling).
Note 4: The smallest liquid line diameter that results in a total liquid line pressure drop of 50 PSI or less results in the most reliable system (lower pounds of R-410A).
Note 5: It is recommended to place units where 1/2" liquid line is not required due to the increased refrigerant volume imposed by the larger liquid line.
Note 6: At the time this manual was printed all outdoor units were rated with 3/8" liquid line.

Table ACIN-6-B — Allowable Vapor Line Diameters and BTUH Loss (R-410A Single Speed Systems)

Nominal Tons	Tube O.D. (Inches)	Press. Drop PSI/100 Ft.	BTUH Loss For Equivalent Length										
			40'	60'	80'	100'	125'	150'	175'	200'	225'	250'	275'
1.5	1/2	5.8	76	116	154	193	241	289	338	386	434	482	531
	5/8	1.5	30	45	60	75	94	113	132	151	170	189	208
2.0	1/2	10.8	170	255	340	425	531	637	743	849	955	1061	1167
	5/8	3.1	53	80	106	133	166	199	232	265	298	331	364
	3/4	1.3	23	34	46	57	71	85	99	114	128	142	156
2.5	5/8	5.4	85	128	170	213	266	319	372	425	478	531	584
	3/4	2.0	35	53	70	88	109	131	153	175	197	219	241
3.0	5/8	8.2	130	195	260	325	406	488	569	650	731	813	894
	3/4	2.9	46	69	92	115	144	173	202	230	259	288	317
	7/8	1.1	18	26	35	44	55	66	77	88	99	110	121
3.5	5/8	11.1	177	266	354	443	553	664	775	886	996	1107	1218
	3/4	4.1	65	98	131	163	204	245	286	327	367	408	449
	7/8	1.6	26	38	51	64	80	96	112	128	144	160	176
4.0	5/8	14.2	226	339	452	565	706	847	988	1130	1271	1412	1553
	7/8	2.1	33	50	67	84	104	125	146	167	188	209	230
5.0	3/4	7.4	118	177	236	295	369	443	516	590	664	738	812
	7/8	2.7	43	64	86	107	134	161	188	214	241	268	295
	1 1/8	.8	13	19	25	32	40	48	56	64	72	80	88
5.0	3/4	11.1	177	266	354	443	553	664	775	886	996	1107	1218
	7/8	4.0	64	96	128	160	200	240	280	320	360	400	440
	1 1/8	1.1	18	26	35	44	55	66	77	88	99	110	121

Note 1: Shaded value indicates more than 10% capacity loss.
Note 2: Blank space indicates more than 10% capacity loss.
Note 3: Only approved for cooling units, do not use 1 1/8" vapor lines on heat pumps less than 5 ton.
Note 4: If total length exceeds 150 feet, add 2 ounces of approved compressor oil per every 10 feet in excess of 150 feet. (Example: if the actual line length is 170 feet, add 4 ounces of oil to the system)

This page contains limited data to fully determine if the application will work or to select required accessories. Please refer to publication 14-4050-01 for complete details and examples.

For complete equipment / combination selection, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installation Guides and Limited Warranty Handbooks.

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BUILT TO A HIGHER STANDARD

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HEATING & AIR CONDITIONING

Refrigerant Piping Information for Two Stage Split Systems

Table ACRN-T-A — Allowable Vapor and Liquid Line Diameters for Two Stage, Single Compressor Split Systems

	Line Sizes		Service Valve Connection Size		Max Line & Lift Lengths	
Rated Line Sizes	Vapor Line	Liquid Line	Vapor Line Connection	Liquid Line Connection	10 SEER, Max Line Length (ft)	Max Lift (ft)
2 Ton HP	5/8"	3/8"	5/8"	3/8"	150	50
3 Ton HP	3/4"	3/8"	3/4"	3/8"	50	25
4 Ton HP	7/8"	3/8"	7/8"	3/8"	150	50
5 Ton HP	1-1/8"	3/8"	1-1/8"	3/8"	50	25

	Line Sizes		Service Valve Connection Size		Max Line & Lift Lengths	
Alternate Line Sizes	Vapor Line	Liquid Line	Vapor Line Connection	Liquid Line Connection	10 SEER, Max Line Length (ft)	Max Lift (ft)
2 Ton HP	5/8"	3/8"	5/8"	3/8"	150	50
	3/4"	3/8"			50	25
3 Ton HP	5/8"	3/8"	3/4"	3/8"	150	50
	7/8"	3/8"			50	25
4 Ton HP	3/4"	3/8"	7/8"	3/8"	150	50
5 Ton HP	3/4"	3/8"	1-1/8"	3/8"	150	50
	7/8"	3/8"			50	25

	Line Sizes		Service Valve Connection Size		Max Line & Lift Lengths	
Rated Line Sizes	Vapor Line	Liquid Line	Vapor Line Connection	Liquid Line Connection	10 SEER, Max Line Length (ft)	Max Lift (ft)
2 Ton AC	5/8" 3/4"	3/8"	5/8"	3/8"	150	50
3 Ton AC	3/4" 7/8" 1"	3/8"	3/4"	3/8"	150	50
4 Ton AC	7/8" 1-1/8"	3/8"	7/8"	3/8"	150	50
5 Ton AC	7/8" 1-1/8"	3/8"	1-1/8"	3/8"	150	50

See Application Bulletin SS-APG011-EN

Table ACRN-T-B — Equivalent Length (Ft.) of Non-Ferrous Valves and Fittings (Brazed)

O.D. Tube Size (Inches)	Globe Valve	Angle Valve	Short Radius Ell	Long Radius Ell	Tee Line Flow	Tee Branch Flow
1/2"	75	34	4.7	2.2	1.1	5.8
5/8	72	29	5.7	2.8	2.1	5.2
3/4	70	24	6.6	4.0	2.3	6.7
7/8	78	29	7.8	5.3	3.7	12.2
1 1/8	87	29	9.7	7.8	2.9	8.5
1 3/8	102	33	9.8	8.3	3.7	10.8
1 5/8	115	34	9.8	8.8	4.6	12.3

Information for this chart extracted by permission from A.R.I. Refrigerant Piping Data, page 28

* For smaller sizes, use 1/2" values.

This page contains limited data to fully determine if the application will work or to select required accessories. Please refer to publication SS-APG006-EN for complete details and examples.

For complete equipment / combination applications, installation instructions and warranty information, please refer to Product Data Ratings and/or Installation, Owners and Limited Warranty Handbooks.

Split Systems with Variable Speed Compressor

Subcooling Charging

Subcooling Charging in Cooling Above 55°F Outdoor Ambient Temperature

The manufacturer has always recommended installing American Standard approved matched indoor and outdoor systems.

All split systems are AHRI rated with TXV or EEV indoor systems.

The benefits of installing approved indoor and outdoor split systems are maximum efficiency, optimum performance and the best overall reliability.

The following charging methods are therefore prescribed for systems with indoor TXVs or EEVs.

1. Subcooling (in the cooling mode) is the only recommended method of charging between 55° and 120° ambient temperatures.
2. When charging for ambient temperatures above 120°, charge to 10° subcooling. It is important to return when outdoor ambient temperature is between 55° and 120° to verify system charge per these instructions.
3. For best results– the indoor temperature should be kept between 70° to 80°. Add system heat if needed.
4. Locate the designated subcooling target from the unit nameplate.
5. Run the system using the Charging Mode-Cooling test mode found in the 950 control. This is the only approved method for setting the system charge level. To access Charge Mode-Cooling from the 950 control home screen go to:
   - Menu
   - Service
   - Technician Access (hold for 5 seconds)
   - Proceed
   - Test Mode
   - Variable Speed
   - Charging Mode-Cooling and follow the on-screen prompts. Charging Mode-Cooling and follow the on-screen prompts.
6. At startup, or any time charge is removed or added, the system must be operated for a minimum of (20) minutes to stabilize before accurate measurements can be made.
7. Measure Liquid Line temperature and Refrigerant Pressure at service valves.
8. Determine total refrigerant line length, and height (lift) if indoor section is above the condenser. Follow the Subcool Charging Corrections Table to calculate additional subcooling target value.
9. Locate your liquid line temperature in the left column of the table, and the intersecting liquid line gage pressure under the subcool selection column. Add refrigerant to raise the pressure to match the table, or remove refrigerant to lower the pressure. Always wait (20) minutes for the system conditions to stabilize before adjusting charge again.
10. When system is correctly charged, you can refer to System Pressure Curves to verify typical performance.

Table ACMM-8-A — 024 Units

Table ACMM-8-B — 024 Units

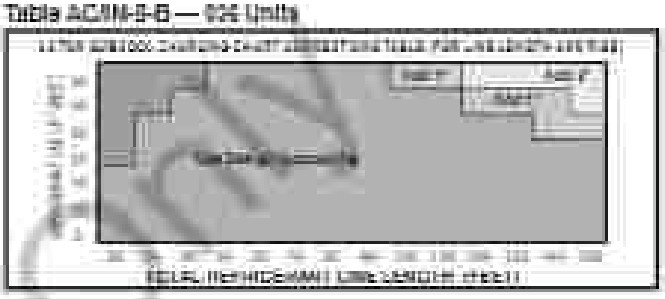

Table ACMM-8-C — 048 Units

Table ACMM-8-D — 060 Units

NOTE: TEQ ft. length is approved ONLY with 7/8" vapor lines.

Preliminary

Split Systems with Variable Speed Compressor

B. Weigh-in Method

Weigh in Method can be used for the initial installation or anytime a system charge is being replaced. Weigh in Method can also be used when power to the equipment is not available or operation conditions (indoor/outdoor temperatures) are not in range to verify with the subcooling charging method. (Tables 15-17 assume 3/8" Liquid Line.)

Table ACIN-5-A

A	B	C	D
Model	Factory Charge	Charge Adder for Indoor Coil	Charge Multiplier for Interconnecting Refrigerant Tube Length
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]

Table ACIN-5-B

A	B	C	D
Model	Factory Charge	Charge Adder for Indoor Coil	Charge Multiplier for Interconnecting Refrigerant Tube Length
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]

Table ACIN-5-C

A	B	C	D
Model	Factory Charge	Charge Adder for Indoor Coil	Charge Multiplier for Interconnecting Refrigerant Tube Length
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]

Note: The only mode approved for setting or validating system charge is using Charging Mode-Cooling. Charging Mode-Cooling is a variable speed test mode found in the 950/850 comfort control Technician Menu. Outdoor Temperature must be between 55°F and 120°F with indoor temperature kept between 70°F and 80°F.

STEP 1 - Measure in feet and record the distance between the outdoor unit and the indoor unit. Include the entire length of the tubing from the service valve to the IDU.
STEP 2 - Record the Charge Multiplier from Column D.
STEP 3 - Multiply the total length of refrigerant tubing from Step 1 times the value from Step 2. Record the result.
STEP 4 - Locate the outdoor equipment size from Column A of the appropriate table above and record the value found in Column C.
STEP 5 - Add the values from Step 3 and Step 4 and record the resulting value. This is the amount of refrigerant to weigh-in prior to opening the service valves.

New Installation Weigh-In Method Worksheet

(Step 1) Line Length (ft)	_____
(Step 2) Value from Column D	x _____
(Step 3) Step 1 times Step 2	= _____
(Step 4) Charge Adder (column C)	+ _____
(Step 5) Refrigerant (Steps 3+4)	= _____

STEP 1 - Measure in feet and record the distance between the outdoor unit and the indoor unit. Include the entire length of the tubing from the service valve to the IDU.
STEP 2 - Record the Charge Multiplier from Column D.
STEP 3 - Multiply the total length of refrigerant tubing from Step 1 times the value from Step 2. Record the result.
STEP 4 - Locate the outdoor equipment size from Column A of the appropriate table above and record the value found in Column C.
STEP 5 - Record the value in Column B.
STEP 6 - Add the values from Step 3, Step 4 and Step 5 and record the resulting value. This is the amount of refrigerant to weigh in.

Sealed System Weigh-In Method Worksheet

(Step 1) Line Length (ft)	_____
(Step 2) Value from Column D	x _____
(Step 3) Step 1 times Step 2	= _____
(Step 4) Charge Adder (column C)	+ _____
(Step 5) Factory Charge (column B)	+ _____
(Step 6) Refrigerant (Steps 3+4+5)	= _____

Split Systems with Variable Speed Compressor

Table ACIIN-10-A — Charge Chart

R-410A REFRIGERANT CHARGING CHART							
LIQUID TEMP (°F)	DESIGN SUBCOOLING (°F)						
	3	6	10	11	12	13	14
	LIQUID GAGE PRESSURE (PSI)						
55	175	182	185	188	191	195	198
60	198	198	201	204	208	211	215
65	211	215	218	222	225	229	232
70	228	232	236	240	243	247	251
75	247	251	255	258	263	267	271
80	267	271	275	279	283	287	291
85	287	291	296	300	304	308	313
90	308	313	318	322	327	331	336
95	331	336	341	345	351	355	360
100	355	360	365	370	376	381	386
105	381	386	391	396	402	407	413
110	407	413	418	424	429	435	441
115	435	441	446	452	458	464	470
120	464	470	476	482	488	494	501
125	495	501	507	514	520	527	533
Refer to Service Facts or installer's Guide for charging method.							

Form Dwg. 2TSA6CT001 Rev. 1

Table ACIIN-10-B — Line Sizes Rated Line Sizes

MODEL	SUCTION LINE SIZE		DRIVEN VALVE CODE SECTION SIZE	
HP Size	Vapor Line	Liquid Line	Vapor Line	Liquid Line
HP024	3/8" (a)	3/8"	3/8"	3/8"
HP036	3/8" (a)	3/8"	3/8"	3/8"
HP037	3/8" (a)	3/8"	3/8"	3/8"
HP048	3/8" (a)	3/8"	3/8"	3/8"
HP049	3/8" (a)	3/8"	3/8"	3/8"
HP060	1 1/8"(b)	3/8"	3/8"	3/8"
AC-48/7				
AC-024	3/8" (a)	3/8"	3/8"	3/8"
AC-036	3/8" (a)	3/8"	3/8"	3/8"
AC-048	3/8" (a)	3/8"	3/8"	3/8"
AC-060	1 1/8"(b)	3/8"	3/8"	3/8"

(a) The maximum length of refrigerant lines from outdoor to indoor unit must NOT exceed 150 feet. The maximum vertical change must NOT exceed 50 feet.
(b) The maximum length of refrigerant lines from outdoor to indoor unit must NOT exceed 80 feet. The maximum vertical change must NOT exceed 10 feet.
(c) The maximum length of refrigerant lines from outdoor to indoor unit must NOT exceed 80 feet. The maximum vertical change must NOT exceed 25 feet.

Table ACIIN-10-C — Alternate Line Sizes

MODEL	LINE SIZE		DRIVEN VALVE CODE SECTION SIZE	
HP Size	Vapor Line	Liquid Line	Vapor Line	Liquid Line
HP024	3/4" (a)	1/2" (a)	3/4"	3/8"
HP036	3/4" (a)	1/2" (a)	3/4"	3/8"
	7/8" (c)	1/2" (a)	3/4"	3/8"
HP037	3/4" (a)	1/2" (a)	3/4"	3/8"
	7/8" (c)	1/2" (a)	3/4"	3/8"
HP048	3/4" (a)	3/8"	3/8"	3/8"
HP060	3/4" (a)	3/8"	3/8"	3/8"
HP060	3/4" (a)	3/8"	3/8"	3/8"
	7/8" (c)	3/8"	3/8"	3/8"
AC-48/7				
AC-024	3/4" (a)	3/8"	3/8"	3/8"
AC-036	3/4" (a)	3/8"	3/4"	3/8"
	7/8" (c)	3/8"	3/4"	3/8"
AC-048	3/4" (a)	3/8"	3/8"	3/8"
AC-060	3/4" (a)	3/8"	3/8"	3/8"
	7/8" (a)	3/8"	3/8"	3/8"

(a) The maximum length of refrigerant lines from outdoor to indoor unit must NOT exceed 150 feet. The maximum vertical change must NOT exceed 50 feet.
(b) The maximum length of refrigerant lines from outdoor to indoor unit must NOT exceed 80 feet. The maximum vertical change must NOT exceed 10 feet.
(c) The maximum length of refrigerant lines from outdoor to indoor unit must NOT exceed 80 feet. The maximum vertical change must NOT exceed 25 feet.
(d) If using 5/16", the charge adder is 0.22/0.6oz/ft (5.43 gm/m).

For complete equipment / combination assembly, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installation Guides and Limited Warranty Handbooks.

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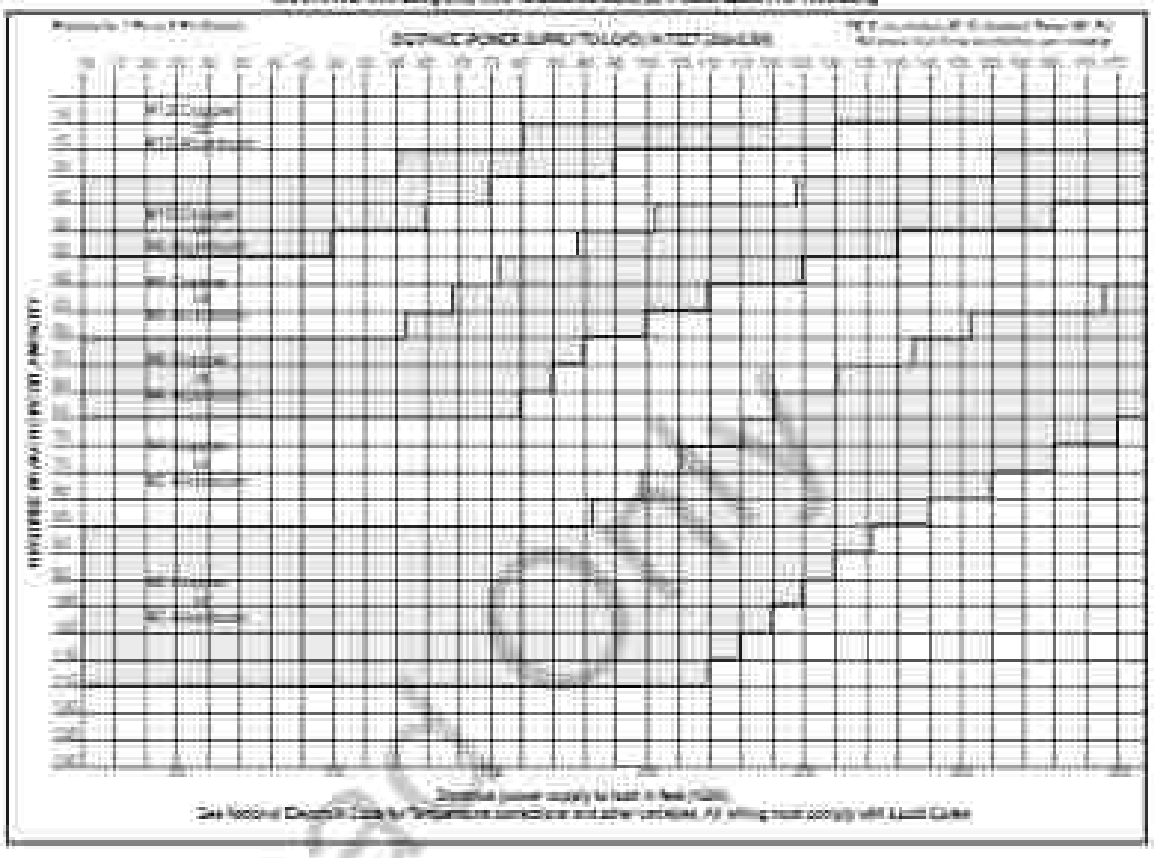
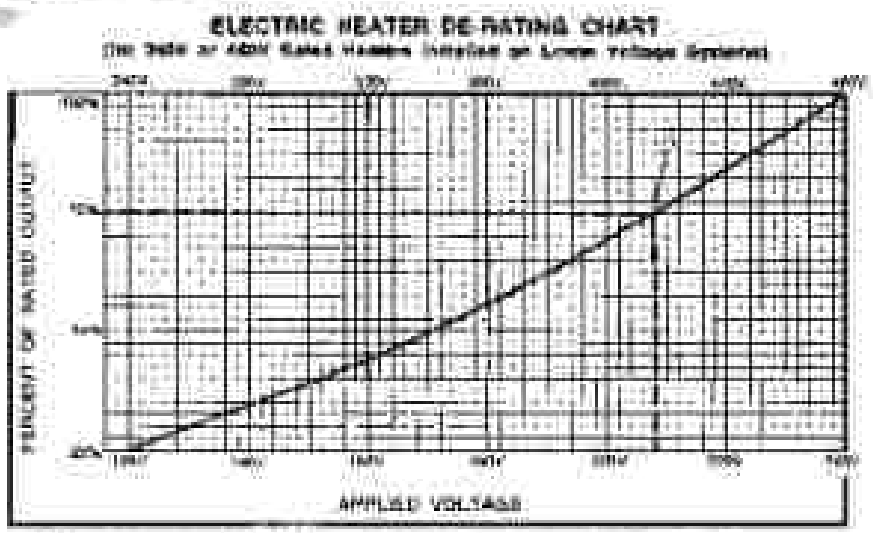
HEATING & AIR CONDITIONING

Branch Circuit Wire Sizing Table/ Heater De-Rating Chart



Heater De-Rating Chart

The output of electric heaters, applied at voltages other than the rated 240 or 480 volts, can be easily determined with the use of this chart.



For complete equipment / combination assertions, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

Effective 1/1/18
14-1014-25

Accessories/Information

Basic Air Conditioning Formulas

Basic Air Conditioning Formulas

TO DETERMINE	Symbol or Abbr.	COOLING	HEATING and/or HUMIDIFYING
Total Airflow	CFM$_T$	a. $CFM_T = \frac{BTU_T \times V}{60 \text{ min/hr} \times \Delta h}$	a. $CFM_T = \frac{BTU_T \times V}{60 \text{ min/hr} \times \Delta h}$
Ventilation or Recirculation	CFM$_V$	a. $CFM_V = \frac{BTU_V \times V}{60 \text{ min/hr} \times \Delta h}$	a. $CFM_V = \frac{BTU_V \times V}{60 \text{ min/hr} \times \Delta h}$
Number of Air Changes Per Hour – Total	N_T	a. $N_T = \frac{CFM_T \times 60 \text{ min/hr} \times V_R}{V}$	a. $N_T = \frac{CFM_T \times 60 \text{ min/hr} \times V_R}{V}$
Number of Air Changes Per Hour – Outdoor Air	N_V	a. $N_V = \frac{CFM_V \times 60 \text{ min/hr} \times V_R}{V}$	a. $N_V = \frac{CFM_V \times 60 \text{ min/hr} \times V_R}{V}$
Total Heat (H$_T$)	Btuh	a. $H_T = CFM_T \times 4.5 \times (h_E - h_M) = Btuh$	a. $H_T = CFM_T \times 4.5 \times (h_E - h_M) = Btuh$
Sensible Heat (H$_S$)	Btuh	a. $H_S = CFM_T \times 1.08 \times (T_E - T_M) = Btuh$	a. $H_S = CFM_T \times 1.08 \times (T_E - T_M) = Btuh$
Latent Heat (H$_L$)	Btuh	a. $H_L = CFM_T \times 0.68 \times (W_E - W_M) = Btuh$	a. $H_L = CFM_T \times 0.68 \times (W_E - W_M) = Btuh$
Entering Air Temperature (T$_E$) (Mixed Air)	°F D.B.	a. $T_E = T_R + \frac{CFM_O}{CFM_T} \times (T_O - T_R) = °F D.B.$ ① ① If heat from gas or electric added to T$_E$: $\frac{\text{Sens. Heat Gain (Btuh)}}{CFM_T \times 1.08}$	a. $T_E = T_R - \frac{CFM_O}{CFM_T} \times (T_R - T_O) = °F D.B.$ ① ① If heat from fuel is a factor, subtract from T$_E$: $\frac{\text{Sens. Heat Loss (Btuh)}}{CFM_T \times 1.08}$
Leaving Air D.B. Temperature (T$_L$)	°F D.B.	a. $T_L = T_R - \frac{BTU_S}{CFM_T \times 1.08} = °F D.B.$	a. $T_L = T_R + \frac{BTU_S}{CFM_T \times 1.08} = °F D.B.$
Required Airflow	CFM$_T$	a. $CFM_T = \frac{BTU_S \text{ (total)}}{1.08 \times (T_E - T_L)} = CFM$ ② or $CFM_T = \frac{BTU_S \text{ (sensible)}}{1.08 \times (T_R - T_L)} = CFM$ ② Sensible load of outside air not included	a. $CFM_T = \frac{BTU_S}{1.08 \times (T_E - T_L)} = CFM$
Enthalpy – Leaving Air (h$_L$)	Btu/lb dry air	a. $h_L = h_E - \frac{BTU_T}{CFM_T \times 4.5} = Btu/lb \text{ dry air}$	a. $h_L = h_E + \frac{BTU_T}{CFM_T \times 4.5} = Btu/lb \text{ dry air}$
Leaving Air W.B. Temperature	°F W.B.	a. Refer to Enthalpy Table and read W.B. temperature corresponding to enthalpy of leaving air (h$_L$) (see #7).	a. Refer to Enthalpy Table and read W.B. temperature corresponding to enthalpy of leaving air (h$_L$) (see #7).
Pounds Required Air Conditioner Water Vapor Added to Ventilation Air*	lbs/hr	a. $W_A = CFM_V \times 0.68 \times (W_E - W_M) = lbs/hr$	a. $W_A = CFM_V \times 0.68 \times (W_E - W_M) = lbs/hr$
Steam Humidifier Requirements	Lbs. steam/hr	a. $\left(\frac{\text{Water vapor}}{\text{Moisture}}\right) \frac{\text{Evaporative Latent Capacity of Operator} \times \% \text{ Base Tonnage}}{\text{1000 Btu/lb.}} = lbs/hr$ (Industrial Process Work)	a. $\left(\frac{\text{Water vapor}}{\text{Moisture}}\right) \frac{W_A \text{ (see Work (see #11))}}{\text{1000 Btu/lb.}} = lbs/hr$

LEGEND		
CFM$_T$	= Total airflow cubic feet/min.	
CFM$_V$	= Ventilation air cubic feet/min.	
N$_T$	= Total air changes per hour	
N$_V$	= Ventilation air changes per hour	
V	= Volume of space cubic feet	
BTU$_T$	= Total heat Btuh	
BTU$_S$	= Sensible heat Btuh	
BTU$_L$	= Latent heat Btuh	
h$_E$	= Enthalpy or total heat of entering air	Btu/lb
h$_L$	= Enthalpy or total heat of leaving air	Btu/lb
T$_E$	= Temperature of entering air	
T$_L$	= Temperature of leaving air	
T$_{dp}$	= Apparatus dewpoint	°F D.B.
T$_R$	= Indoor design temperature	°F D.B.
T$_O$	= Outdoor design temperature	°F D.B.
W$_E$	= Grains of moisture, of dry air at entering condition	Grains/lb.
W$_L$	= Grains of moisture, of dry air at leaving condition	Grains/lb.
W$_R$	= Grains of moisture, of dry air at indoor design conditions	Grains/lb.
W$_O$	= Grains of moisture, of dry air at outdoor design conditions	Grains/lb.

* See Enthalpy of dry Cold Heat Content of Any Cubic Foot concentration

DERIVATION OF AIR CONSTANTS

The air constants below apply approximately to standard air which is defined as dry air at 70°F and 14.7 PSIA (29.92" Hg. observing column). Dew point, however, has small to small cooling calculations unless extremely [practical benefit] are desired.

V.S. (in a standard CFM) in cubic feet

V.S. = $\frac{60 \text{ min/hr} \times 13.33}{13.33}$ or 60 × .075

Where 13.33 is the specific volume of standard air, cu. ft./lb. and .075 is the density (lbs./cu. ft.)

1.08 = $\frac{.24 \times 60}{13.33}$ or .24 × 4.5

.24 BTU = specific heat of standard air (0.24 BTU/°F)

4.5 = $\frac{60}{13.33}$ × $\frac{1}{.075}$ or 4.5 × $\frac{1000}{1000}$

Where: 1000 = Number (value) (heat of water vapor (1076.6 BTU)

1000 = Grains per lb.

Low Ambient Accessories Cooling and Heating Models

Table ACIN-13-A — Low Ambient Accessories Cooling Models

Low Ambient Accessory For American Standard Residential Cooling Units													
Cooling Unit	-55°F	55°F to 55°F			0°F to 35°F or 35°F to 55°F - (Please Reference Lowest Approved Outdoor Operating Temperature per Model Family Table								
	As Manufactured	AYB2430**A**	13A-Reg	LCH1	BAYLOAW1821*	BAYLOAW1824*	AYB2430**A**	13A-Reg	Start Kit	Compressor Crankcase Heater	Windbaffle	Liquid Line Solenoid Valve
4A7C4018	X	X	X	X	X		X	X	N/A	X	X	X
4A7C4024 4A7C4030	X	X	X	X	X		X	X	N/A	X	X	X
4A7A4036	X	X	X	X	X		X	X	X	X	X	X
4A7A4042	X	X	X	X	X		X	X	X	X	X	X
4A7A4048	X	X	X	X		X	X	X	X	X	X	X
4A7A4060 4A7A4061	X	X	X	X	X		X	X	X	X	X	X
4A7C4	X	NOT APPROVED										
4A7C5	X	NOT APPROVED										

Table ACIN-13-B - Low Ambient Accessories Heating Models

Low Ambient Accessory For American Standard Residential Heat Pump Units Operating in Cooling												
Heat Pump Unit	-55°F	55°F to 55°F			0°F to 35°F or 35°F to 55°F - (Please Reference Lowest Approved Outdoor Operating Temperature per Model Family Table							
	As Manufactured	AYB2430**A**	13A-Reg	LCH1	BAYLOAW1821*	BAYLOAW1824*	AYB2430**A**	13A-Reg	Start Kit	Compressor Crankcase Heater	Windbaffle	Liquid Line Solenoid Valve
4A8C4018	X	X	X	X		X	X	X	N/A	X	X	
4A8C4024	X	X	X	X		X	X	X	N/A	X	X	
4A8A4036 4A8A4042	X	X	X	X		X	X	X	X	X	X	
4A8A4048	X	X	X	X		X	X	X	X	X	X	
4A8C5018	X	X	X	X		X	X	X	X	X	X	
4A8C5024	X	X	X	X		X	X	X	X	X	X	
4A8C5030	X	X	X	X		X	X	X	X	X	X	
4A8C5	X	NOT APPROVED										
4A8C6	X	NOT APPROVED										

Charts are for quick reference only. For complete specifications, please consult the specific TDS sheet.
(1) Reference ANSI/ASHRAE/IES Standard 90.1 for Minimum Efficiency Requirements.
(2) Reference DOE 10 CFR Part 430 for Energy Conservation Standards.
Reference DOE 10 CFR Part 430 for complete unit efficiency requirements.
* QD M21 Applies BAYLOAW1821ST as Heater Exchanger with variable speed condenser fan motors.
† If Defrost Control is CXMTD08, CXMTD48 use BAYLOAW1821.

Table ACIN-13-C — Lowest Approved Outdoor Operating Temperature for Cooling Operation per Model Family Table

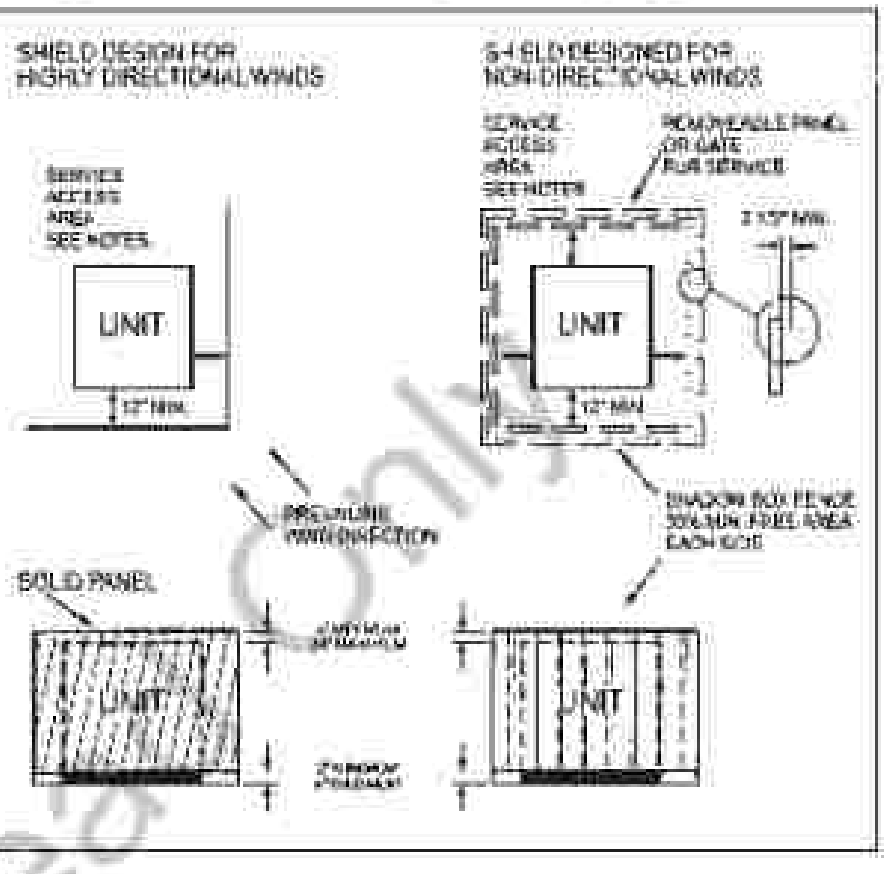
Model Family	Lowest Approved Outdoor Ambient	
	0°C	35°F
4A7Y3 / 4A8C3 / 4A7Y4 / 4A8C4	35°F	35°F
4A7C3	0°C	0°C
4A7C4 / 4A8C4 / 4A7C5 / 4A8C5	35°F	0°C
4A7A3	0°C	0°C
4A7A4 / 4A8A4 / 4A8A5	35°F	0°C
4A7A5 / 4A8A5 ** / 4A7A6 / 4A8A6	35°F	0°C
4A7A7 / 4A8A7	35°F	0°C

** Models with variable speed condenser motors are approved to 35°F.

For a detailed Application Bulletin on required accessories and wind shields for low outdoor ambient operation, please contact your Territory Manager or Local FSR.

Wind Shields

Wind Shields are required to block prevailing winds across condenser coil. In applications where cooling operation is required to 0°F, wind shields are a Must. Use the following guidelines for your application.



Note:
Minimum servicing clearance must be in compliance with the National Electric Code. Currently the minimum clearance between a wood or suitable grounding material type fence requires approx. 3 feet. If other material is used to form the enclosure, the minimum space may be increased to 3.5 feet. Please consult the 2008 Edition of the National Electric Code, Article 110 for the most up to date information, please refer to the most current National Electric Code.

Pre-Release Only

For a detailed Application Bulletin on required accessories and wind shields for low outdoor ambient operation, please contact your Territory Manager or Local FSR.

For complete equipment / combination assembly, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installer's Guides and Limited Warranty Handbooks.

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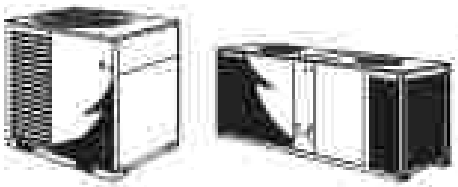
Built to a Higher Standard.
American Standard.
HEATING & AIR CONDITIONING

Split System Cooling
Three Phase – 6-25 Tons, R-410A



TTA – 6-25 Tons

- RelaTel™ controls option
- (1) Scroll compressor (TTA018-1202)
- (2) Scroll compressors (TTA024-2402) with independent refrigerant circuits
- (2) Maximized scroll compressors (TTA1202, 1802F-3002)
- Single point power
- Compressor motor overload protection
- Compressor discharge temperature limit switch
- Control transformer
- High and low pressure cutout switches
- Liquid line filter drier, factory installed
- Service valves with pressure taps
- Electrical phase reversal protection
- Internal pressure relief valves
- Holding charge (Dry Nitrogen)
- All aluminum microchannel coil
- Low ambient cooling to 55°F as standard
- Low ambient cooling to 0°F with accessory head pressure control
- Mounting/lifting rails under base
- CSA listed
- **5-year compressor warranty**
- **1-year limited parts warranty**
- **Optional Extended Warranties**

1	2	3	4	5	6	7	8	9	10	11	12
T	T	A	0	9	6	C	1	0	0	A	0

Compressor Type
C = Single Compressor/Single Refrigerant Circuit, R-410A
H = Dual Compressor/Dual Refrigerant Circuits, R-410A
J = Dual Compressor/Single Manifolded Refrigerant Circuit, R-410A

Factory-Installed Options
00 = Passive Shell
05 = Complete Coil Coated Coil
06 = RelaTel™ Controls
07 = RelaTel™ Controls and Complete Coil Coated Coil

1	2	3	4	5	6	7	8	9	10	11	12
T	T	A	0	9	6	C	1	0	0	A	0

Compressor Type
C = Single Compressor/Single Refrigerant Circuit, R-410A
H = Dual Compressor/Dual Refrigerant Circuits, R-410A
J = Dual Compressor/Single Manifolded Refrigerant Circuit, R-410A

Factory-Installed Options
HR = Hail Guard
HB = Hail Guard and Complete Coil Coated Coil
HR = Hail Guard and RelaTel™ Controls
HT = Hail Guard and RelaTel™ Controls with Complete Coil Coated Coil

Table LSC-1-A — TTA Split System Cooling — Single Compressor — R-410 Refrigerant

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Unit Dimensions (in.) H	W	L	Shipping Weight (lbs.)	Sound Rating	MCA*	Max. Fuse*	Line Size (in.) Gas	Liq
TTA018C3**0A	208-230/3/60	18,000	49	45	38	510	84	18.5	30	7/8	3/8
TTA024C3**0A	208-230/3/60	23,000	49	45	38	520	83	24.4	40	7/8	3/8
TTA030C3**0A	208-230/3/60	29,000	49	45	42	610	85	29.5	50	1 1/8	3/8
TTA018C4**0A	460/3/60	18,000	49	45	38	510	84	11	20	7/8	3/8
TTA024C4**0A	460/3/60	23,000	49	45	38	520	83	12.7	20	7/8	3/8
TTA030C4**0A	460/3/60	29,000	49	45	42	610	85	13.4	20	1 1/8	3/8
TTA018D5**0A	575/3/60	18,000	49	45	38	510	84	10.5	15	7/8	3/8
TTA024D5**0A	575/3/60	23,000	49	45	38	520	83	10.5	20	7/8	3/8
TTA030D5**0A	575/3/60	29,000	49	45	42	610	85	12.5	20	1 1/8	3/8

Table LSC-1-B — TTA Split System Cooling — Dual Compressors with Two Sets of Refrigerant Circuits — R-410 Refrigerant

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Unit Dimensions (in.) H	W	L	Shipping Weight (lbs.)	Sound Rating	MCA*	Max. Fuse*	Line Size (in.) Gas	Liq
TTA024H3**0A	208-230/3/60	23,000	49	45	38	564	81	30	30	7/8	3/8
TTA030H3**0A	208-230/3/60	29,000	49	45	42	628	81	41	45	1 1/8	3/8
TTA036H3**0A	208-230/3/60	33,000	52	55	42	674	81	46	50	1 1/8	3/8
TTA048H3**0A	208-230/3/60	46,000	52	55	48	786	83	67	90	1 1/8	1/2
TTA060H3**0A	208-230/3/60	58,000	52	55	48	824	84	68	125	1 1/8	1/2
TTA024H4**0A	460/3/60	23,000	49	45	38	564	81	15.3	25	7/8	3/8
TTA030H4**0A	460/3/60	29,000	49	45	42	628	81	20.1	25	1 1/8	3/8
TTA036H4**0A	460/3/60	33,000	52	55	42	674	81	23	35	1 1/8	3/8
TTA048H4**0A	460/3/60	46,000	52	55	48	786	83	33	40	1 1/8	1/2
TTA060H4**0A	460/3/60	58,000	52	55	48	824	84	47	60	1 1/8	1/2
TTA024H5**0A	575/3/60	23,000	49	45	38	564	81	12.2	15	7/8	3/8
TTA030H5**0A	575/3/60	29,000	49	45	42	628	81	15.5	20	1 1/8	3/8
TTA036H5**0A	575/3/60	33,000	52	55	42	674	81	20	25	1 1/8	3/8
TTA048H5**0A	575/3/60	46,000	52	55	48	786	83	23	35	1 1/8	1/2
TTA060H5**0A	575/3/60	58,000	52	55	48	824	84	31	50	1 1/8	1/2

(1) Sound rating shall be tested in accordance with ARI Standard 270 or 370.
* Information subject to change. Please confirm with current Product Data/Online Tools for current factory production.

For complete equipment / combination applications, installation instructions and warranty information, please refer to Product Data Ratings and/or Installation, Owners and Limited Warranty Handbooks.

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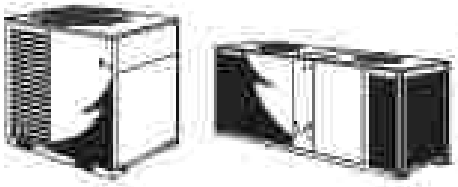
BUILT TO A HIGHER STANDARD
American Standard.
HEATING & AIR CONDITIONING

Split System Cooling
Three Phase – 6-25 Tons, R-22



TTA – 6-25 Tons

- **RelieTel™** controls option (Heat Pump only)
- Single point power
- Compressor motor overload protection
- Compressor discharge temperature limit switch
- Control transformer
- High and low pressure cut-out switches
- Liquid line filter drier, factory installed
- Service valves with pressure taps
- Electrical phase reversal protection
- Internal pressure relief valves
- Holding charge (Dry Nitrogen)
- Copper tube, aluminum plate fin coils
- Low ambient cooling to 30°F as shipped
- Low ambient cooling to 0°F with accessory head pressure control
- Mounting/lifting rails under base
- UL listed
- **1-year limited parts warranty**
- **Optional Extended Warranties**

1	2	3	4	5	6	7	8	9	10	11	12
T	T	A	0	9	0	A	3	0	0	A	0

Compressor Type
A=Single Compressor/Single Circuit R-22
B=Dual Compressor/Dual Circuit R-22

Factory Installed Options
10=RelieTel™ Controls

Read Only

Table LSC-2-A — TTA Split System Heat Pumps - Single Compressors with Single Refrigerant Circuits - R-22 Refrigerant

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Unrelated Dimensions(in.) H	W	L	Shipping Weight (lbs.)	Sound Rating	MCA*	Max. Fuse*	Line Size OD Gas	OD Liq.
TTA090A300G	208-230/3/60	90,000	39	36	42	363	83	31.1	40	1%	½
TTA120A300G	208-230/3/60	120,000	45	40	52	467	90	42.8	60	1%	½
TTA090A400G	460/3/60	90,000	39	36	42	363	83	15.2	25	1%	½
TTA120A400G	460/3/60	120,000	45	40	52	467	90	21.6	30	1%	½

Table LSC-2-B — TTA Split System Heat Pumps - Dual Compressors with Dual Refrigerant Circuits - R-22 Refrigerant

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Unrelated Dimensions(in.) H	W	L	Shipping Weight (lbs.)	Sound Rating	MCA*	Max. Fuse*	Line Size OD Gas	OD Liq.
TTA180B300G	208-230/3/60	180,000	45	45	55	850	93	60.4	80	1%	½
TTA240B300G	208-230/3/60	240,000	45	45	55	970	94	77.7	100	1%	½
TTA180B400G	460/3/60	180,000	45	45	55	850	93	29.6	40	1%	½
TTA240B400G	460/3/60	240,000	45	45	55	970	94	38.8	50	1%	½

① Sound rating above is tested to accommodate with AHRI Standard 270 or 275.
* Information subject to change. Please confirm with current Product Data/Service Frame for current factory production.

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

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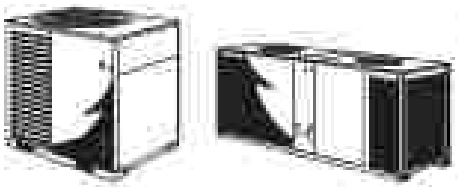
BUILT TO A HIGHER STANDARD
American Standard.
HEATING & AIR CONDITIONING

Split System Cooling
Three Phase – 6-25 Tons, R-410A



TTA – 6-25 Tons

- **ReliaTel™** controls option
- (1) Scroll compressor (TTA07AS-120S)
- (2) Scroll compressors (TTA120H-300H) with independent refrigerant circuits
- (2) Manifolded scroll compressors (TTA120J, 180-240J)
- Single point power
- Compressor motor overload protection
- Compressor discharge temperature limit switch
- Control transformer
- High and low pressure cut-out switches
- Liquid line filter drier, factory installed
- Service valves with pressure tops
- Electrical phase reversal protection
- Internal pressure relief valves
- Holding charge (Dry Nitrogen)
- Copper tube, aluminum plate fin coils
- Low ambient cooling to 50°F as shipped
- Low ambient cooling to 0°F with accessory head pressure control
- Mounting/lifting rails under case
- UL listed
- **5-year compressor warranty**
- **1-year limited parts warranty**
- **Optional Extended Warranties**

1 2 3 4 5 6 7 8 9 10 11 12
T T A 0 9 0 G 3 0 0 A 0

Compressor Type
G = Single Microchannel Compressor/Single Refrigerant Circuit, R-410A
H = Dual Microchannel Compressor/Dual Refrigerant Circuit, R-410A
J = Dual Microchannel Compressor/Single Manifolded Refrigerant Circuit, R-410A

Factory-Installed Options
00 = Packed Stock
0B = Complete Coat Coated Coil
0R = ReliaTel™ Controls
0T = ReliaTel™ Controls and Complete Coat Coated Coil

1 2 3 4 5 6 7 8 9 10 11 12
T T A 0 9 0 G 3 0 0 A 0

Compressor Type
G = Single Compressor/Single Refrigerant Circuit, R-410A
H = Dual Compressor/Dual Refrigerant Circuit, R-410A
J = Dual Compressor/Single Manifolded Refrigerant Circuit, R-410A

Factory-Installed Options
H0 = Hail Guard
HB = Hail Guard and Complete Coat Coil
HR = Hail Guard and ReliaTel™ Controls
HT = Hail Guard and ReliaTel™ Controls with Complete Coat Coil

Read Only

Table LSC-3-A — TTA Split System Cooling — Dual Manifolded Compressors with Single Refrigerant Circuits — R-410 Refrigerant

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Unit Dimensions (in.) H	W	L	Shipping Weight (lbs.)	Sound Rating	MCA*	Max. Fuse*	Line Size OD Gas	OD Liq.
TTA120J300A	208-230/3/60	124,000	46	96	42	474	91	41	50	1 1/8	1/2
TTA180J300A	208-230/3/60	186,000	52	96	48	750	93	65	80	1 1/8	1/2
TTA240J300A	208-230/3/60	256,000	52	96	48	904	94	90	125	1 1/8	1/2
TTA300J300A	208-230/3/60	303,000	58	96	48	968	94	103	125	2 1/8	1/2
TTA120J400A	460/3/60	124,000	46	93	42	474	91	20	25	1 1/8	1/2
TTA180J400A	460/3/60	186,000	52	96	48	750	93	32	40	1 1/8	1/2
TTA240J400A	460/3/60	256,000	52	96	48	904	94	47	60	1 1/8	1/2
TTA300J400A	460/3/60	303,000	58	96	48	968	94	48	60	2 1/8	1/2
TTA120JW00A	575/3/60	124,000	46	93	42	474	91	15	20	1 1/8	1/2
TTA180JW00A	575/3/60	186,000	52	96	48	750	93	25	30	1 1/8	1/2
TTA240JW00A	575/3/60	256,000	52	96	48	904	94	39	50	1 1/8	1/2
TTA300JW00A	575/3/60	303,000	58	96	48	968	94	42	50	2 1/8	1/2

(1) Sound rating show is based in accordance with ARI Standard 210 or 212.
* Information subject to change. Please confirm with Ingersoll Product Data/Service Facts for current factory production.

For complete equipment / combination assertions, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

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14-1011-25

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Split System Cooling – R-410A Accessories Three Phase – 6-25 Tons

Table LSC-4-A — R-410A Optional Accessories

Model Number	Description	Used With
Coil Guard		
BAYCGARD03BA	Wall/Vandal Guard	TTA072H4, TTA090H4
BAYCGARD03BA	Wall/Vandal Guard	TTA120H4,H5
BAYCGARD03BA	Wall/Vandal Guard	TTA150H
BAYCGARD03BA	Wall/Vandal Guard	TTA180H4,J5, TTA240H4,J
BAYCGARD03EA	Wall/Vandal Guard	TTA300J
Hot Gas By-Pass		
BAYHGBP510A	Universal Hot Gas Bypass Kit	TTA072-TTA300J
Isolators		
BAYISLTR04A	Rubber Isolator Foot (blue)	TTA072H4,TTA090H4
BAYISLTR05A	Rubber Isolator Foot (black)	TTA120H4,H5
BAYISLTR06A	Rubber Isolator Foot (red)	TTA150H, TTA180H4,J
BAYISLTR07A	Rubber Isolator Foot (green)	TTA240H4,J, TTA300J
BAYISLTS03A	Steel Spring Isolator Foot (red)	TTA072H, TTA090H, TTA120H, TTA072H, TTA090H
BAYISLTS04A	Steel Spring Isolator Foot (black)	TTA120H4,H5,TTA150H, TTA180H4,J
BAYISLTS05A	Steel Spring Isolator Foot (yellow)	TTA240H4, TTA300J
Low Ambient		
BAYLOAMK01A(0060)	On/Off Fan Control Mounted in External Enclosure (small controls)	TTA072-090 (all voltages)
BAYLOAMK02A(0060)	On/Off Fan Control Mounted in Unit Control Box (large controls)	TTA120-150 (all voltages)
BAYLOAMS05A06	Modulating IOM Head Pressure Control w/ 208-230V 0.5 HP Hi-Eff Motor (internal mount)	TTA072H4, TTA090H4
BAYLOAMS05A09	Modulating IOM Head Pressure Control w/ 208-230V 1 HP Hi-Eff Motor (internal mount)	TTA120H4H5J5, TTA150H4, TTA180H4J5, TTA240H4J5, TTA300J5
BAYLOAMS07A06	Modulating IOM Head Pressure Control w/ 208-230V 0.5 HP Hi-Eff Motor (internal mount)	TTA090H5, TTA072H5
BAYLOAMS03A09	Modulating IOM Head Pressure Control w/ 460V 0.5 HP Hi-Eff Motor (internal mount)	TTA072H4, TTA090H4
BAYLOAMS05A09	Modulating IOM Head Pressure Control w/ 460V 1.0 HP Hi-Eff Motor (internal mount)	TTA120H4H5J4, TTA150H4, TTA180H4J4, TTA240H4J4, TTA300J4
BAYLOAMS07A09	Modulating IOM Head Pressure Control w/ 380-460V 0.5 HP Hi-Eff Motor (internal mount)	TTA072H4, TTA090H4
BAYLOAMK05A09	Modulating IOM Head Pressure Control w/ 575V 1.0 HP Hi-Eff Motor (internal mount)	TTA120H4H5J5, TTA150H4, TTA180H4J5, TTA240H4W5F5, TTA300J5
BAYLOTR001A09	Additional Pressure Transducer for IOM Head Pressure Control	TTA120H3, TTA150H
Time Delay Relay		
BAYRLAY002	Time Delay Relay	TTA090-TTA300J
BACnet™ Communications Interface:		
BAYBACRS01A	BACnet (MSTP) Communications Interface	All

(1) Kit should be ordered for the outdoor unit and provides by lowering ambient and cycle fan temperature.
(2) Cycles fan on/off, no modulating.
(3) Quantity of 1 required for each fan in size list in Table LSC-1.
(4) Relay for 7 required between outdoor EMC transducer to be installed when Defrost is used, requires DA relay(s) from terminal J5-7 to C.
(5) BAYCUTR001A required when modulating EMC-2400 fan used with units that have 2 compressors and 1 condenser fan.

For complete equipment / combination assembly, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installation Guides and Limited Warranty Handbooks.

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Split System Cooling Three Phase – 6-25 Tons

Table L SC-5-A — ReliaTel™ Control Options

Model Number	Description	Used With
A2EYSXT108A	Zone Sensor, Set Point, Fan System	TTA(17)-TTA300 with ReliaTel™ Controls
A2EYSNT107A	Zone Sensor, Set Point Adj, Fan, System, EH, LED	TTA(07)-TTA300
A2EYSXT108A	Zone Sensor, 2 Set Point, Fan System	TTA(07)-TTA300 with ReliaTel™ Controls
A2EYSNT108A	Zone Sensor, 2 Set Point Adj, Fan, System, EH, LED	TTA(07)-TTA300
A2EYSXT777A	Digital Programmable Zone Sensor with Night Setback	TTA(17)-TTA300 with ReliaTel™ Controls
BAYSENS050(1)	Wireless Zone Sensor	TTA(07)-TTA300 with ReliaTel™ Controls
BAYSENS073A	Room Sensor w/ Override and Cancel Button	TTA(07)-TTA300 with ReliaTel™ Controls
BAYSENS074A	Room Sensor w/ Temperature Adjustment and Override Button	TTA(07)-TTA300 with ReliaTel™ Controls
BAYSENS077A	Remote Sensor	A2EYSXT108A,A2EYSNT108A, A2EYSXT777A
BAYSENS116A	Dual Set Point w/ Manual/Auto Change Over	TTA(07)-TTA300 with ReliaTel™ Controls

Table SC-5-B — Electromechanical Control Options

Model Number	Description	Used With
A2EYSXT550A	24VAC Touch Screen Digital Daily Programmable Thermostat "Touch Screen"	(1)
A2EYSXT555A	24VAC Digital Display Programmable Thermostat With Humidity Sensor	All

(1) As needed with everything required for installation and operation

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6 - 25 Tons with ReliaTel™ Controls TTA073-120G, TTA120-240H, TTA120-300J

Protection/Operation Timings and Features

Anti Short Cycle Timer (ASCT) Function — Provides a three (3) minute minimum "ON" time and a three (3) minute minimum "OFF" time for compressors, enhances compressor reliability by ensuring proper oil return. **Standard**

Built in Fan Delay Relay (FDR) Function — Provides custom output for timing accessories for the different types of equipment, enhancing efficiency and reliability. **Standard**

Built in Night Set Back and Unoccupied Functions(1) — When using a standard dual setpoint/auto change over Zone Sensor Module (ZSM), this function is enabled by applying a short across terminal J6-11 and J6-12. Sets cooling setpoint up a minimum of 7°F and heating setpoint back a minimum of 7°F and forces fan operation to automatic. **(requires time clock accessory or field supplied/installed switch or contacts).**

Built in "TEST" Mode — Aids in quick verification of system and control operation, associates both hardware and software (no special tools required). **Standard**

Built in Unoccupied Mode(1) — When using a standard single setpoint/manual change over Zone Sensor Module (ZSM), this function is enabled by applying a short across terminal J6-11 and J6-12. Forces fan operation to automatic. **(requires time clock accessory or field supplied/installed switch or contacts.)**

Direct Digital Control (DDC)(1) — Proportional Integral (PI) control. Proportional – sets corrective action proportional to deviation from setpoint. Integral – fine tunes the rate of corrective action proportional to the error (results in superior space temperature control). **Standard**

Increased Reliability — Fewer components (moving electro-mechanical parts), less likelihood of equipment down time or failure. **Standard**

Integral Electric Heat Staging(1) — Stages electric heaters "OFF" and "ON", eliminating the use of outdated equipment. **Standard**

Intelligent Fallback(1) — A built in Default Control provides safeties operation, which allows the equipment to continue to operate providing comfort in the event of certain component failures. Also allows emergency operation without a Zone Sensor Module (ZSM). **Standard**

Low Ambient Start Timer (LAST) Function — Bypasses the low pressure control when a compressor starts, eliminating nuisance compressor lock outs. **Standard**

Lower Installation Cost — Using a standard Zone Sensor Module (ZSM), control voltage wiring may be run up to five (5) times further than any electromechanical system, with no increase in wire gauge. Example: Electromechanical System – 30 feet maximum using 22 gauge wire. Micro Control System – 150 feet using 22 gauge wire. **Standard**

On Board Diagnostics(1) — Assist with equipment troubleshooting. If a problem occurs/exists should take place. **Standard**

Remote Sensing(1) — All standard Zone Sensor Modules (ZSMs) have remote sensing capabilities, typically achieved by using an expensive, programmable thermostat and remote sensor with electromechanical equipment. **Accessory (requires use of remote sensor).**

Space Temperature Averaging(1) — All standard Zone Sensor Modules (ZSMs) have space temperature averaging capabilities, typically achieved by using an expensive programmable thermostat and minimum of four (4) remote sensors with electromechanical equipment. **Averaging with ReliaTel™ can be achieved with two (2) sensors.**

Time Delay Relay (TDR) Function — Provides an incremental staging delay between compressors, minimizes equipment current inrush and consumption by keeping compressors from starting simultaneously. **Standard**

Low Pressure and High Pressure Compressor Lockout — 3 trips will lockout control.

When the ReliaTel™ Room Sensor Module is used, equipment operation differs significantly. The basic equipment protection features remain intact, and the following functions and benefits are lost:

- Direct Digital Control (DDC) / Proportional Integral (PI) control is lost, equipment is controlled by a thermostat or generic building automation system input.
- Intelligent Fallback is lost, if a failure occurs in the device controlling the equipment operation will cease.
- Installation options vary, with the addition of a thermostat or generic control, the control wiring size must be increased.
- Remote Sensing capabilities are lost, unless generic control being applied can accomplish this.
- Space Temperature Averaging capabilities are lost, unless generic control being applied can accomplish this.
- Built in Night Set Back and Unoccupied functions are lost, unless generic control being applied can accomplish this.
- Built in Unoccupied Mode is lost, unless generic control being applied can accomplish this.

(1) Operation features lost when utilizing standard conventional stat.

PRODUCT

For complete equipment / combination capacities, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installation Guides and Limited Warranty Handbooks.

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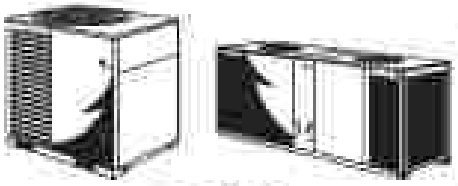
Split System Heat Pumps
Three Phase – 6-20 Tons, R-410A



TWA – 6-20 Tons

- ReliaTel™ controls (standard)
- (1) Scroll compressor (TWA060A-120D)
- (2) Scroll compressors (TWA072A-240E) with independent refrigerant circuits
- Single point power
- Compressor motor overload protector
- Compressor discharge temperature limit switch
- Control transformer
- High and low pressure cut-out switches
- Liquid line filter drier, factory installed
- Service valves with pressure taps
- Demand Defrost Control
- Internal pressure relief valves
- Electrical phase reversal protection
- Holding charge (Dry Nitrogen)
- Copper tube, aluminum plate fin coils
- Low ambient cooling to 55°F as shipped
- Low ambient cooling to 0°F with accessory head pressure control
- Mounting/lifting rails under base
- UL listed
- **5-year compressor warranty (TWA060D, TWA090D, TWA120D, TWA180E, TWA240E)**
- **1-year limited parts warranty**
- **Optional Extended Warranties**

1	2	3	4	5	6	7	8	9	10	11	12
T	W	A				D					

Compressor Type
D = Single Compressor/Single Refrigerant Circuit, R-410A
E = Dual Compressor/Dual Refrigerant Circuit, R-410A
Factory-Installed Options
HK = ReliaTel™ Controls
HT = ReliaTel™ Controls and Black Epoxy Coated Coil

1	2	3	4	5	6	7	8	9	10	11	12
T	W	A				D					

Compressor Type
D = Single Compressor/Single Refrigerant Circuit, R-410A
E = Dual Compressor/Dual Refrigerant Circuit, R-410A
Factory-Installed Options
HK = ReliaTel™ Controls
HT = ReliaTel™ Controls with Black Epoxy Coated Coil

Table L SH-1-A — TWA Split System Heat Pumps — Single Compressors with Single Refrigerant Circuits — R-410 Refrigerant

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Unit Dimensions (inches) H	W	L	Shipping Weight (lbs.)	Sound Rating	MCA*	Max. Fuse*	Line Size (in) OD Gas	OD Liq.
TWA060D3RA	208-230/3/60	76,000	55	35	42	382	84	21.1	40	1⅛	⅞
TWA090D3RB	208-230/3/60	90,000	55	35	42	394	83	24.0	50	1⅛	⅞
TWA120D3RB	208-230/3/60	120,000	55	35	52	455	90	27.0	70	1⅛	⅞
TWA060D4RA	460/3/60	76,000	55	35	42	382	84	14.0	25	1⅛	⅞
TWA090D4RB	460/3/60	90,000	55	35	42	394	83	15.0	30	1⅛	⅞
TWA120D4RB	460/3/60	120,000	55	35	52	455	90	23.0	40	1⅛	⅞
TWA060D5RA	575/3/60	76,000	55	35	42	382	84	11.0	15	1⅛	⅞
TWA090D5RB	575/3/60	90,000	55	35	42	394	83	13.0	20	1⅛	⅞
TWA120D5RB	575/3/60	120,000	55	35	52	455	90	22.0	35	1⅛	⅞

Table L SH-1-B — TWA Split System Heat Pumps — Dual Compressors with Two Sets of Refrigerant Circuits — R-410 Refrigerant

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Unit Dimensions (inches) H	W	L	Shipping Weight (lbs.)	Sound Rating	MCA*	Max. Fuse*	Line Size (in) OD Gas	OD Liq.
TWA072E3RA	208-230/3/60	74,000	55	43	52	417	84	27.0	35	1⅛	⅞
TWA090E3RA	208-230/3/60	90,000	55	43	52	479	83	32.0	45	1⅛	⅞
TWA120E3RA	208-230/3/60	120,000	55	43	52	495	90	41.0	55	1⅛	⅞
TWA150E3RA	208-230/3/60	150,000	55	43	91	658	93	55.3	80	1⅛	⅞
TWA180E3RA	208-230/3/60	180,000	55	43	91	681	94	66.1	100	1⅛	⅞
TWA072E4RA	460/3/60	74,000	55	43	52	417	84	13.0	20	1⅛	⅞
TWA090E4RA	460/3/60	90,000	55	43	52	479	83	15.0	20	1⅛	⅞
TWA120E4RA	460/3/60	120,000	55	43	52	495	90	20.0	30	1⅛	⅞
TWA150E4RA	460/3/60	150,000	55	43	91	658	93	23.4	40	1⅛	⅞
TWA180E4RA	460/3/60	180,000	55	43	91	681	94	27.1	50	1⅛	⅞
TWA072E5RA	575/3/60	74,000	55	43	52	417	84	10.0	15	1⅛	⅞
TWA090E5RA	575/3/60	90,000	55	43	52	479	83	12.0	15	1⅛	⅞
TWA120E5RA	575/3/60	120,000	55	43	52	495	90	15.0	25	1⅛	⅞
TWA150E5RA	575/3/60	150,000	55	43	91	658	93	17.4	30	1⅛	⅞
TWA180E5RA	575/3/60	180,000	55	43	91	681	94	21.8	40	1⅛	⅞

(1) Sound rating shown is tested in accordance with ARI Standard 270 or 370.
* Maximum subject to change. Please confirm with current Product Data Overview Table for current factory production.

For complete equipment / combination applications, installation instructions and warranty information, please refer to Product Data Ratings and/or Installation, Owners and Limited Warranty Handbooks.

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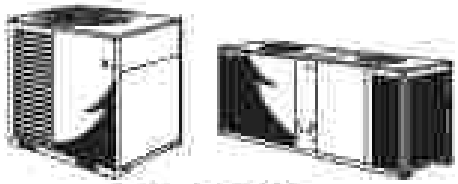
Split System Heat Pumps
Three Phase – 7.5-20 Tons, R-22



TWA – 7.5-20 Tons

- ReliaTel™ controls (standard)
- (1) Scroll compressor (TWA075-120A)
- (2) Scroll compressors (TWA150-240B) with independent refrigerant circuits
- Single point power
- Compressor motor overload protection
- Compressor discharge temperature limit switch
- Control transformer
- High and low pressure cut-out switches
- Liquid line filter drier, factory installed
- Service valves with pressure taps
- Demand Defrost Control
- Internal pressure relief valves
- Electrical phase reversal protection
- Holding charge (dry Nitrogen)
- Copper tube, aluminum plate fin coils
- Low ambient cooling to 50°F as shipped
- Low ambient cooling to 0°F with accessory head pressure control
- Mounting/lifting rails under base
- UL listed

1	2	3	4	5	6	7	8	9	10	11	12
T	W	A	0	9	0	A	3	R	0	A	0

Compressor Type
A = Single Compressor/Single Refrigerant Circuit, R-22
B = Dual Compressor/Dual Refrigerant Circuit, R-22
Factory-Installed Options
R = ReliaTel™ Controls

Table LSH-2-A — TWA Split System Heat Pumps - Single Compressors with Single Refrigerant Circuits - R-22 Refrigerant

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Unit Dimensions (in.) H	W	L	Shipping Weight (lbs.)	Sound Rating	MCA*	Max. Fuse*	Line Size (in) Qty.	Size	Line Size (in) Qty.	Size
TWA090A3[0/6]RC	208-230/3/60	90,000	39	35	42	394	83	31.1	45	1	7/8	1	3/8
TWA120A3[0/6]RC	208-230/3/60	120,000	45	40	52	505	86	42.6	60	1	1 1/8	1	1/2
TWA090A4[0/6]RC	460/3/60	90,000	39	35	42	394	83	15.3	20	1	1/2	1	3/8
TWA120A4[0/6]RC	460/3/60	120,000	45	40	52	505	86	21.8	30	1	1 1/8	1	1/2

Table LSH-2-B — TWA Split System Heat Pumps - Dual Compressors with Dual Refrigerant Circuits - R-22 Refrigerant

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Unit Dimensions (in.) H	W	L	Shipping Weight (lbs.)	Sound Rating	MCA*	Max. Fuse*	Line Size (in) Qty.	Size	Line Size (in) Qty.	Size
TWA150B3[0/6]RC	208-230/3/60	150,000	45	45	55	658	88	42.4	60	1	1 1/8	1	1/2
TWA240B3[0/6]RC	208-230/3/60	240,000	45	45	55	681	94	77.7	100	1	1 1/8	1	1/2
TWA150B4[0/6]RC	460/3/60	150,000	45	45	55	658	88	20.5	40	1	1 1/8	1	1/2
TWA240B4[0/6]RC	460/3/60	240,000	45	45	55	681	94	38.5	50	1	1 1/8	1	1/2

(1) Sound rating shown is tested in accordance with ARI/ Guideline 2 (1/96 or 3/91).
* Information subject to change. Please confirm data numbers Product Data/Service Facts for current factory production.

Read only

For complete equipment / combination specifications, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installation Guides and Limited Warranty Handbooks.

Split System Heat Pumps – Accessories
Three Phase – 6-20 Tons, R-410A

Table LSH-3-A — R-410A Optional Accessories

Model Number	Description	Used With
Coil Guard		
BAYGARD06AA	Hail Shield Guard	TWA(Z)[30-48]0C
BAYGARD07AA	Hail Shield Guard	TWA(Z)[36-60]E
BAYGARD08AA	Hail Shield Guard	TWA[60-72]E
BAYGARD09AA	Hail Shield Guard	TWA[72-84]E
Isolators		
BAYIBET05A	Rubber Isolator Pad (black)	TWA(Z)[30-36]A, TWA[36-48]E, TWA[36-48]C
BAYISLT05A	Rubber Isolator Pad (red)	TWA[60-72]E
BAYISLT07A	Rubber Isolator Pad (green)	TWA[72-84]E
BAYSBET03A	Steel Spring Isolator Pad (red)	TWA(Z)[30-36]A, TWA[60-72]A, TWA[72-84]E, [36-48]E
BAYIBET04A	Steel Spring Isolator Pad (black)	TWA[48-60]E
BAYSBLT03A	Steel Spring Isolator Pad (yellow)	TWA[48-60]E
Low Ambient		
BAYLOAM001A (XXXXX)	On/Off Fan Control Mounted in External Enclosure (small cabinet)	TWA(Z)[30-60]D (all voltages)
BAYLOAM002AA(XXXX)	On/Off Fan Control Mounted in Unit Control Box (large cabinet)	TWA[060-240]E (all voltages), TWA[072-120]E (all voltages)
BAYLOAM003A(X)	Modulating ICM Head Pressure Control w/ 208-230V 1 HP ECM Motor (internal mount)	TWA[036], TWA[048], TWA[060], TWA[072]E3, TWA[090]E3
BAYLOAM003A(X)	Modulating ICM Head Pressure Control w/ 208-230V 1 HP ECM Motor (internal mount)	TWA[060], TWA[072]E3
BAYLOAM403A(X)	Modulating ICM Head Pressure Control w/ 460V 1.5 HP ECM Motor (internal mount)	TWA[072]D4, TWA[090]D4, TWA[072]E4, TWA[078]E4
BAYLOAM403A(X)	Modulating ICM Head Pressure Control w/ 460V 1.5 HP ECM Motor (internal mount)	TWA[060]D4-TWA[240]E4-TWA[240]E4
BAYLOAM606A(X)	Modulating ICM Head Pressure Control w/ 575V 1.5 HP ECM Motor (internal mount)	TWA[060]D5-E4-TWA[240]E4
BAYLOTR001A	Transformer Kit for Head Pressure Control	BAYLOAM[036,048,060,072]D4, TWA[072]E, TWA[090]E, TWA[120]E
BACnet™ Communications Interface		
BAYBCI001A	BACnet (MS/TP) Communications Interface	All
Time Delay Relay		
BAYRLY002	Time Delay Relay	TWA[060-090]E
BAYRLY005	Heat Pump Interlock Relay	All TWA Units with BAYLOAM Application Requirements
Wire Kit		
BAYWIR[XXXX]	Heat Pump control option wiring harness	TWA[180]E, TWA[240]E

(1) Kit mounts external to the outdoor unit and operates by shutting off/limit any liquid line compressor.
(2) Quantity (#) required for each fan (2 total for 17A / 19A [50-240]).
(3) Dual on Dual circuit HP condensers with a field installed LCI (see for suggested mechanical biasing operation configuration.
* BAYLOH0001A required when evaporating BAYLOAM is used with units that have 2 compressors and 1 condenser fan.

Preliminary

For complete equipment / combination applications, installation instructions and warranty information, please refer to Product Data Ratings and/or Installation, Owners and Limited Warranty Handbooks.

Split System Heat Pumps Three Phase – 6-20 Tons

Table LSC-4-A — RelisTel™ Control Options

Model Number	Description	Used With
ASYST07107A	Zone Sensor: Set Point Adj, Fan, System, EH, LED	TWA073-TWA240 with RelisTel™ Controls
ASYST07105A	Zone Sensor: 2 Set Point Adj, Fan, System, EH, LED	TWA073-TWA240 with RelisTel™ Controls
ASYST07777A	Digital Programmable Zone Sensor with Night Setback	TWA073-TWA240, TTA073-TTA240 with RelisTel™ Controls
BAYSENS0000U	Wireless Zone Sensor	TWA073-TWA240 with RelisTel™ Controls
BAYSENS0750	Room Sensor w/ Override and Cancel Button	TWA073-TWA240 with RelisTel™ Controls
BAYSENS0740	Room Sensor w/ Temperature Adjustment and Override Button	TWA073-TWA240 with RelisTel™ Controls
BAYSENS077A	Remote Sensor	ASYST07107A, ASYST07105A, ASYST07777A
BAYSENS110A	Dual Set Point w/ Manual/Auto Change Over	TWA073-TWA240 with RelisTel™ Controls

Table LSC-4-B — Electromechanical Control Options

Model Number	Description	Used With
ASYST07002A	3H/2C Touch Screen Digital Display Programmable Thermostat "Touch Screen"	All
ASYST07003A	3H/2C Digital Display Programmable Thermostat W/Humidity Sensor	All

(This comes with everything required for installation and operation)

Read Only

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

BUILT TO A HIGHER STANDARD

American Standard.

HEATING & AIR CONDITIONING

6 - 20 Tons with ReliaTel™ Controls TWA073,TWA090,TWA120, TWA180,TWA240

Protection/Operation Timings and Features

Anti Short Cycle Timer (ASCT) Function — Provides a three (3) minute minimum "ON" time and a three (3) minute minimum "OFF" time for compressors, enhances compressor reliability by ensuring proper oil return. **Standard**

Built in Fan Delay Relay (FDR) Function — Provides custom indoor fan timing sequences for the different types of equipment, enhancing efficiency and reliability. **Standard**

Built in Night Set Back and Unoccupied Functions(1) — When using a standard dual setpoint/auto change over Zone Sensor Module (ZSM), this function is enabled by applying a short across terminal J6-11 and J6-12. Sets cooling setpoint up a minimum of 7°F, sets heating setpoint back a minimum of 7°F, and forces fan operation to automatic. **(requires time clock accessory or field supplied/installed switch or contacts).**

Built in "TEST" Mode — Acts in quick verification of system and control operation, exercises both hardware and software (no special tools required). **Standard**

Built in Unoccupied Mode(1) — When using a standard single setpoint/manual change over Zone Sensor Module (ZSM), this function is enabled by applying a short across terminal J6-11 and J6-12. Forces fan operation to automatic. **(requires time clock accessory or field supplied/installed switch or contacts.)**

Direct Digital Control (DDC)(1) — Proportional Integral (PI) control. Proportional - sets corrective action proportional to deviation from setpoint. Integral - fine tunes the rate of corrective action proportional to the error (results in superior space temperature control). **Standard**

Increased Reliability — Fewer components (moving electro-mechanical parts), less likelihood of equipment down time or failure. **Standard**

Integral Electric Heat Staging(1) — Stages electric heaters "OFF" and "ON", eliminating the use of outdated sequencers. **Standard**

Intelligent Fallback(1) — A built in Default Control provides corrective operation, which allows the equipment to continue to operate, providing comfort in the event of certain component failures. Also allows emergency operation without a Zone Sensor Module (ZSM). **Standard**

Low Ambient Start Timer (LAST) Function — Evaluates low pressure control when a compressor starts, eliminating nuisance compressor lock outs. **Standard**

Lower Installation Cost — Using a standard Zone Sensor Module (ZSM), control voltage wiring may be run up to five (5) times further than any electromechanical system, with no increase in wire gauge. Example: Electromechanical System - 30 feet maximum using 22 gauge wire. Micro Control System - 150 feet using 22 gauge wire. **Standard**

On Board Diagnostics(1) — Assist with equipment troubleshooting, if a problem occurrence should take place. **Standard**

Remote Sensing(1) — All standard Zone Sensor Modules (ZSMs) have remote sensing capabilities, typically achieved by using an expensive program-mable thermostat and remote sensor with electromechanical equipment. **Accessory (requires use of remote sensor).**

Space Temperature Averaging(1) — All standard Zone Sensor Modules (ZSMs) have space temperature averaging capabilities, typically achieved by using an expensive programmable thermostat and minimum of four (4) remote sensors with electromechanical equipment. **Averaging with ReliaTel™ can be achieved with two (2) sensors.**

Time Delay Relay (TDR) Function — Provides an incremental staging delay between compressors, minimizes equipment current inrush and consumption by keeping compressors from starting simultaneously. **Standard**

Low Pressure and High Pressure Compressor Lookout — 3 trips will lockout control.

When the ReliaTel™ RTRM Thermostat interface is used, equipment operation differs significantly. The basic equipment protection features remain intact, and the following features and benefits are lost:

- Direct Digital Control (DDC) - Proportional Integral (PI) control is lost, equipment is controlled by a thermostat or generic building automation system device.
- Intelligent Fall back is lost, if a failure occurs in the device controlling the equipment, operation will cease.
- Installation is more costly with the addition of a thermostat or generic control. The control wiring size must be increased.
- Remote Sensing capabilities are lost, unless generic control being applied can accomplish this.
- Space Temperature Averaging capabilities are lost, unless generic control being applied can accomplish this.
- Built in Night Set Back and Unoccupied functions are lost, unless generic control being applied can accomplish this.
- Built in Unoccupied Mode is lost, unless generic control being applied can accomplish this.

Demand Defrost — Defrosts only if needed, not based on time like most other systems, operating and lowering operating costs.

(1) Generates features lost from utilizing standard conventional stat.

Read Only

For complete equipment / combination assertions, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

BUILT TO A HIGHER STANDARD

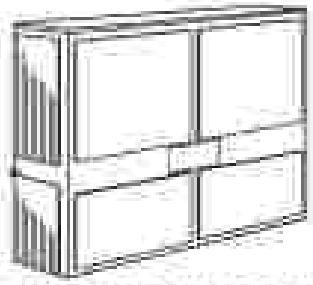
American Standard.

HEATING & AIR CONDITIONING

Split System Air Handlers, R-410A

Single Phase – 5-10 Tons
Three Phase – 5-25 Tons

- Slides in horizontal configuration, but supply and supply converts to upflow
- Expansion valve factory installed
- Check valves for heat pump applications
- Belt drive blower
- Factory installed motor, belt, sheaves, contactor, low voltage terminal board
- One inch filters on 5 to 10 ton units (rack convertible for field supplied two inch)
- Captive screws remain on the panels for service ease
- Low voltage terminal board
- Drain Pan
- Factory installed (RDC) Evaporator Defrost Control
- IAQ (Indoor Air Quality) expeditive sheeting pan, no standing water
- Two inch filters factory installed on 12½, 15, 20, 25 ton units
- Supplemental heaters (electric, water, steam) fits directly on unit discharge for low installation cost
- Single point power entry for reduced electrical install installation cost
- Unit fully assembled to reduce field installation costs
- Compact design with low service clearance to reduce building requirements
- Brazed refrigerant piping connections
- Fan relay UL listed and CSA Certified
- **Optional extended warranties**



5, 7½, 10, 12½, 15, 20, 25 Ton TWE Convertible Air Handlers (Upflow or Horizontal Only)

1 2 3 4 5 6 7 8 9 10 11 12
T W E 1 8 9 0 0 3 B 3 A A

Capacity =
- 060 = 5 Tons
- 090 = 7½ Tons
- 120 = 10 Tons
- 150 = 12½ Tons
- 180 = 15 Tons
- 240 = 20 Tons
- 300 = 25 Tons

Factory-Installed Options
- 00 = Standard Motor – Electromechanical Controls
- 03 = 2 speed PSC Standard Motor – Electromechanical Controls
- 04 = 2 speed PSC Oversized Motor – Electromechanical Controls
- K0 = ECM VFD Standard Motor – Nexia by™ Controls
- K4 = ECM VFD Oversized Motor – Nexia by™ Controls

Table LAH-1-A — Single Circuit Coil - R-410A

Tons	Unit Model No.	Power Supply Volts/Phase/Hz	Capacity (Btuh)	ECCN	Drive Type	Dimensions (in.) H x W x D	Shipping Weight (lbs)	MCA*	Max Fuse Size or Max Circuit Breaker**
Single Phase									
5	TWE060A	208/230/1/60	60,000	7A2	Belt	49 x 20 x 23	250	13.5	15
7½	TWE090A	208/230/1/60	90,000	7A2	Belt	49 x 20 x 23	250	13.5	15
10	TWE120A	208/230/1/60	120,000	7A2	Belt	49 x 20 x 23	250	13.5	15
Three Phase									
5	TWE060A3	208/230/3/60	60,000	7A2	Belt	49 x 20 x 23	250	7.1	15
7½	TWE090A3	208/230/3/60	90,000	7A2	Belt	49 x 20 x 23	250	9.6	15
10	TWE120A3	208/230/3/60	120,000	7A2	Belt	49 x 20 x 23	250	11.5	15
7½	TWE090B3	460/3/60	90,000	7A2	Belt	54 x 24 x 28	300	4.8	15
10	TWE120B3	460/3/60	120,000	7A2	Belt	54 x 24 x 28	300	5.7	15
10	TWE120C3	208/230/3/60	120,000	7A2	Belt	54 x 24 x 28	420	7.6	15
12½	TWE150C3	575/3/60	150,000	7A2	Belt	54 x 24 x 28	420	5.7	15

(1) Coil only (evaporator coil provided). Order control transformer as necessary when matching these air handlers with 3/4 ton condensing units.
(2) Data tested for 208/230/1/60. Field connected for 460/1/60.
(3) HACR type circuit breaker per NEC.
(4) Dimensions based on upflow position.
(5) All air handlers are shipped with the drain pan installed in the horizontal position. For vertical configuration, the drain pan should be removed before setting the air handler.
* Information is subject to change. Please confirm with current Product Data Service Parts for current factory production.

BUILT TO A HIGHER STANDARD

American Standard

HEATING & AIR CONDITIONING

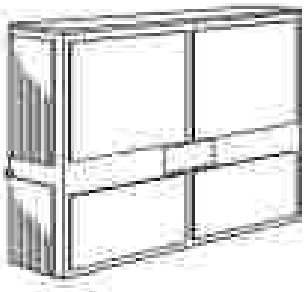
Split System Air Handlers, R-410A

Single Phase – 5-10 Tons
Three Phase – 5-25 Tons

- Slides in horizontal configuration, but quickly and easily converts to upflow
- Expansion valve factory installed
- Check valves for heat pump applications
- Belt drive blower
- Factory installed motor, belt, sheaves, contactor, low voltage terminal board
- One inch filters on 5 thru 10 ton units (rack convertible for field supplied two inch)
- Cabinet screws remain on the panels for service ease
- Low voltage terminal board
- Drain Pan

- Factory installed (EDC) Evaporator Defrost Control
- IAQ (Indoor Air Quality) sloped/true drain pan, no standing water
- Two inch filters factory installed on 12½, 15, 20, 25 ton units
- Supplemental heaters (electric, water steam) fits directly on unit discharge for low installation cost
- Single point power entry for reduced electrical power installation cost
- Unit fully assembled to reduce field installation costs

- Compact design with low airflow clearance for reduced building requirements
- Brazed refrigerant piping connections
- Fan rated, UL listed and CSA Certified
- Factory installed 2 speed variable frequency drive (VFD) option available for enhanced part load performance and minimum RESNET/RESCHECK for CA Title 24 Compliance
- Factory Installed Single Zone VAV (SZVAV) option available for enhanced part load performance and lowest temperature control via varying airflow
- **Optional extended warranties**



5, 7½, 10, 12½, 15, 20, 25 Ton TWE Convertible Air Handlers (Upflow or Horizontal Only)

1 2 3 4 5 6 7 8 9 10 11 12
T W E 1 8 8 0 3 E 3 A A

Capacity
- 060 = 5 Tons
- 090 = 7.5 Tons
- 120 = 10 Tons
- 150 = 12.5 Tons
- 180 = 15 Tons
- 240 = 20 Tons
- 300 = 25 Tons

Factory-Installed Options
- 30 = Standard Motor - Electromechanical Controls
- 33 = 2 speed VFD Standard Motor - Electromechanical Controls
- 34 = 2 speed VFD Optimized Motor - Electromechanical Controls
- H3 = Standard VFD Standard Motor - Hourglass® Controls
- H4 = Standard VFD Optimized Motor - Hourglass® Controls

Table LAH-2-A — Dual Circuit Coil — R-410A

Tons	Unit Model No.	Power Supply Volts/Phase/Hz	Capacity (Btuh)	FCCK	Drive Type	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	MCA[1]	Max Fuse Size or Max Circuit Breaker[2]
Single Phase									
5	TWE[illegible]060A	208-230/1/60	[illegible]	TXV	Belt	48 x 20 x 22	263	21	15
7½	TWE[illegible]090A	208-230/1/60	[illegible]	TXV	Belt	54 x 20 x 25	307	31	15
10	TWE[illegible]120A	208-230/1/60	120,000	TXV	Belt	54 x 20 x 25	403	100	15
Three Phase									
5	TWE[illegible]060A	208-230/3/60	[illegible]	TXV	Belt	48 x 20 x 22	263	21	15
5	TWE[illegible]060A	460/3/60	[illegible]	TXV	Belt	48 x 20 x 22	263	12	15
7½	TWE[illegible]090A	208-230/3/60	[illegible]	TXV	Belt	54 x 20 x 25	307	31	15
7½	TWE[illegible]090A	460/3/60	92,000	TXV	Belt	54 x 20 x 25	307	21	15
10	TWE[illegible]120A	208-230/3/60	120,000	TXV	Belt	54 x 20 x 25	403	100	15
10	TWE[illegible]120A	460/3/60	120,000	TXV	Belt	54 x 20 x 25	403	50	15
12½	TWE[illegible]150A	208-230/3/60	150,000	TXV	Belt	54 x 20 x 25	420	124	15
12½	TWE[illegible]150A	460/3/60	150,000	TXV	Belt	54 x 20 x 25	420	62	15
15	TWE[illegible]180A	208-230/3/60	180,000	TXV	Belt	69 x 20 x 30	750	124	15
15	TWE[illegible]180A	460/3/60	180,000	TXV	Belt	69 x 20 x 30	750	62	15
20	TWE[illegible]240A	208-230/3/60	240,000	TXV	Belt	69 x 20 x 30	750	174	15
20	TWE[illegible]240A	460/3/60	240,000	TXV	Belt	69 x 20 x 30	750	87	15
25	TWE[illegible]300A	208-230/3/60	300,000	TXV	Belt	72 x 24 x 32	1,000	248	30
25	TWE[illegible]300A	460/3/60	300,000	TXV	Belt	72 x 24 x 32	1,000	124	15
25	TWE[illegible]300A	575/3/60	300,000	TXV	Belt	72 x 24 x 32	1,000	99	15

(1) Control circuit fuse not included. Consult product specification accessory when matching these air handlers with 3 kW and demanding coils.
(2) Sizes rated for 208-230/1/60 field connected to 460/3/60.
(3) HACR type circuit breaker per NEC.
(4) Dimensions based on Upflow position.
(5) All air handlers are shipped with the drain pan installed in the horizontal position. For vertical configurations, the drain pan should be repositioned before setting the air handler.
(6) 460V models (digit 3=4) are only available on TWE1200, and TWE1500 when 10kW 24 or 5x5kW is selected in digits 9 and 10.
* Information subject to change. Please confirm with current Product Data/Service Facts for correct factory production.

For complete equipment / combination assembly, installation instructions and warranty information, please refer to Product Data/Ratings and/or Limited Warranty Handbooks.

Effective 01/18
14-18A1-2A

Split System Air Handlers, R-410A

Single Phase – 5-10 Tons
Three Phase – 5-25 Tons

Table LAH-3-A — 5 - 10 Ton Electric Heater Selection

Model Number	Description	Used With
BAYHTRL105A	4.5/5.75 kW Heater 208/240/1 Phase	TWE[illegible]
BAYHTRL110A	8.35/11.02 kW Heater 208/240/1 Phase	TWE[illegible]
BAYHTRL117A	12.58/17.28 kW Heater 208/240/1 Phase	TWE[illegible]
BAYHTRL125A	17.30/23.04 kW Heater 208/240/1 Phase	TWE[illegible]
BAYHTRL125A	21.65/28.80 kW Heater 208/240/1 Phase	TWE[illegible]
BAYHTRL305A	2.75/3.30 kW Heater 208/240/3 Phase	TWE[illegible]
BAYHTRL310A	5.40/6.96 kW Heater 208/240/3 Phase	TWE[illegible]
BAYHTRL315A	11.25/14.58 kW Heater 208/240/3 Phase	TWE[illegible]
BAYHTRL320A	16.71/21.62 kW Heater 208/240/3 Phase	TWE[illegible]
BAYHTRL330A	25.28/34.88 kW Heater 208/240/3 Phase	TWE[illegible]
BAYHTRL405A	5.62 kW Heater 480/3 Phase	TWE[illegible]
BAYHTRL410A	8.38 kW Heater 480/3 Phase	TWE[illegible]
BAYHTRL415A	14.06 kW Heater 480/3 Phase	TWE[illegible]
BAYHTRL420A	24.92 kW Heater 480/3 Phase	TWE[illegible]
BAYHTRL430A	34.88 kW Heater 480/3 Phase	TWE[illegible]
BAYHTRLW05A	5 kW Heater 575/3 Phase	TWE[illegible]
BAYHTRLW10A	8.35 kW Heater 575/3 Phase	TWE[illegible]
BAYHTRLW15A	14.36 kW Heater 575/3 Phase	TWE[illegible]
BAYHTRLW20A	24.92 kW Heater 575/3 Phase	TWE[illegible]
BAYHTRLW25A	34.88 kW Heater 575/3 Phase	TWE[illegible]

Table LAH-3-B — 12½ - 20 Ton Electric Heater Selection

Model Number	Description	Used With
BAYHTRR510A	7.20/10.0 kW Heater 208/230/3 Phase	TWE[illegible]
BAYHTRR520A	14.95/19.92 kW Heater 208/230/3 Phase	TWE[illegible]
BAYHTRR530A	22.50/29.52 kW Heater 208/230/3 Phase	TWE[illegible]
BAYHTRR550A	37.42/49.84 kW Heater 208/230/3 Phase	TWE[illegible]
BAYHTRR410A	10.0 kW Heater 460/3 Phase	TWE[illegible]
BAYHTRR420A	15.02 kW Heater 460/3 Phase	TWE[illegible]
BAYHTRR430A	25.02 kW Heater 460/3 Phase	TWE[illegible]
BAYHTRR450A	45.84 kW Heater 460/3 Phase	TWE[illegible]
BAYHTRRW10A	10.0 kW Heater 575/3 Phase	TWE[illegible]
BAYHTRRW20A	15.02 kW Heater 575/3 Phase	TWE[illegible]
BAYHTRRW30A	25.02 kW Heater 575/3 Phase	TWE[illegible]
BAYHTRRW50A	45.84 kW Heater 575/3 Phase	TWE[illegible]

(2) Field-installed in ABC090

Split System Air Handlers, R-410A

Single Phase – 5-10 Tons
Three Phase – 5-25 Tons

Table LAH-4-A — 5 – 20 Ton Accessory Selection

Model Number	Description	Used With
Subbase		
BAYBASE009A	Vertical Air Handler Subbase	TWE009D, TWE012E
BAYBASE012A	Vertical Air Handler Subbase	TWE009D, TWE009E, TWE012E
BAYBASE015A	Vertical Air Handler Subbase	TWE015D, TWE015E
BAYBASE018A	Vertical Air Handler Subbase	TWE018E, TWE024E
BAYBASE024A	Vertical Air Handler Subbase	TWE024E, TWE030E
Grille		
BAYGRLE009A	Return Air Grille	TWE009D-E
BAYGRLE012A	Return Air Grille	TWE009D-E, TWE012E
BAYGRLE015A	Return Air Grille	TWE015D-E
BAYGRLE018A	Return Air Grille	TWE018E, TWE024E
BAYGRLE024A	Return Air Grille	TWE024E, TWE030E
High Static Motor		
BAYHSMT1012E	1.5HP (230/1) w/ TVL44 motor sheave w/ AK24 fan sheave w/ A44 belt	TWE012D1E1
BAYHSMT1015B	1.5HP (230-460/3) w/ TVL44 motor sheave w/ AK24 fan sheave w/ A44 belt	TWE012D3-4E3-4
BAYHSMT1018E	1.5HP (575/3) w/ TVL44 motor sheave w/ AK24 fan sheave w/ A44 belt	TWE012D5W5W
BAYHSMT1018E	2 HP (230/1) w/ TVL44 motor sheave w/ AK24 fan sheave w/ A30 belt	TWE018D1E1
BAYHSMT1018E	2 HP (230-460/3) w/ TVL44 motor sheave w/ AK24 fan sheave w/ A30 belt	TWE018D3E3, TWE018E3
BAYHSMT1018E	2 HP (575/3) w/ TVL44 motor sheave w/ AK24 fan sheave w/ A30 belt	TWE018D5W5W, TWE018E5W
BAYHSMT1024E	3 HP (230/1) w/ TVP44 motor sheave w/ AK24 fan sheave w/ A34 belt	TWE024D1E1, TWE030E1
BAYHSMT1024E	3 HP (230-460/3) w/ TVP44 motor sheave w/ AK24 fan sheave w/ A34 belt	TWE024D3E3, TWE030E3
BAYHSMT1024B	3 HP (575/3) w/ TVP44 motor sheave w/ AK24 fan sheave w/ A34 belt	TWE024D5W5W, TWE030E5W
BAYHSMT1036E	3 HP (230/1) w/ TVP44L motor sheave w/ AK24 fan sheave w/ A31 belt	TWE036D1E1
BAYHSMT1036E	3 HP (230-460/3) w/ TVP44L motor sheave w/ AK24 fan sheave w/ A31 belt	TWE036D3E3
BAYHSMT1036E	3 HP (575/3) w/ TVP44L motor sheave w/ AK24 fan sheave w/ A31 belt	TWE036D5W5W
BAYHSMT1042E	3 HP (230/1) w/ TVP44L motor sheave w/ BK24 fan sheave w/ A31 belt	TWE042E1
BAYHSMT1042E	3 HP (230-460/3) w/ TVP44L motor sheave w/ BK24 fan sheave w/ A31 belt	TWE042E3
BAYHSMT1042B	3 HP (575/3) w/ TVP44L motor sheave w/ BK24 fan sheave w/ A31 belt	TWE042E5W
BAYHSMT1048E	5 HP (230/1) w/ TVP52L motor sheave w/ BK24 fan sheave w/ B33 belt	TWE048E1
BAYHSMT1048E	5 HP (460/3) w/ TVP52L motor sheave w/ BK24 fan sheave w/ B33 belt	TWE048E4
BAYHSMT1048B	5 HP (575/3) w/ TVP52L motor sheave w/ BK24 fan sheave w/ B33 belt	TWE048E5W
BAYHSMT1060E	5 HP (230/1) w/ TVP52L motor sheave w/ BK28 fan sheave w/ B38 belt	TWE060E1
BAYHSMT1060E	5 HP (460/3) w/ TVP52L motor sheave w/ BK28 fan sheave w/ B38 belt	TWE060E4
BAYHSMT1060B	5 HP (575/3) w/ TVP52L motor sheave w/ BK28 fan sheave w/ B38 belt	TWE060E5W
BAYHSMT1072E	7.5 HP (230/3) w/ TVP62 motor sheave w/ BK30 fan sheave w/ B43 belt	TWE072E3-4
BAYHSMT1072B	7.5 HP (575/3) w/ TVP62 motor sheave w/ BK30 fan sheave w/ B43 belt	TWE072E5W
Isolators		
BAYISLT009A/000000	Rubber Isolator Base (4)	TWE009D-TWE012E
BAYISLT009A/0000	Rubber Isolator Base (set)	TWE009E, TWE015E
BAYISLT018A/0000	Rubber Isolator Base (set)	TWE018E, TWE024E
BAYISLT024A/0000	Rubber Isolator Base (set) (obsolete)	TWE024E, TWE030E
BAYISLT018B/0000	Rubber Isolator Base (set)	TWE018D-E
BAYISLT018A/0001	Rubber Suspended (red/green)	TWE009D-E
BAYISLT018A/0002	Rubber Suspended (green)	TWE009D-E
BAYISLT018B/0003	Rubber Suspended (green/black)	TWE012D-E
BAYISLT018B/0004	Rubber Suspended (red/green)	TWE024E, TWE030E
BAYISLT018A/0005	Steel Spring Isolator Floor (set)	TWE009D-E, TWE012E, TWE009E, TWE012E
BAYISLT024A/0006	Steel Spring Isolator Floor (black)	TWE015E, TWE018E
BAYISLT024A/0007	Steel Spring Isolator Floor (red/yellow)	TWE024E
BAYISLT024A/0008	Steel Spring Isolator Suspended (set)	TWE018D-E
BAYISLT024A/0009	Steel Spring Isolator Suspended (set)	TWE012E, TWE018E, TWE018E
BAYISLT030A/0010	Steel Spring Isolator Suspended (black)	TWE018E, TWE030E
BAYISLT030A/0011	Steel Spring Isolator Suspended (red/yellow)	TWE024E, TWE030E
Low Static Drive Kit		
BAYLSMT001A	Low Static Drive Kit	TWE048E

(1) When the Air Handler is in the vertical position and drain proximity tripping of condensate is required, use of LLSwve is required.
(2) Requires use of subbase accessory.
(3) Units having electric coil (coil heater kits) applied cannot be horizontally (Depth 0.00) for proper function (of safety limit).
(4) Do not use if blower will operate less than 600 RPM.

For complete equipment / combination selection, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installation and Limited Warranty Handbooks.

Split System Air Handlers, R-410A

Single Phase – 5-10 Tons
Three Phase – 5-25 Tons

Table LAH-5-A — 5 – 20 Ton Accessory Selection

Model Number	Description	Used With
Plenum		
[illegible]	Discharge Plenum & Grille	TWE[illegible]
[illegible]	Discharge Plenum & Grille	TWE[illegible]
[illegible]	Discharge Plenum & Grille	TWE[illegible]
[illegible]	Discharge Plenum Hydronic Coil Plenum & Grille	TWE[illegible]
[illegible]	Discharge Plenum Hydronic Coil Plenum & Grille	TWE[illegible]
[illegible]	Hydronic Coil Discharge Plenum & Grille	TWE[illegible]
[illegible]	Hydronic Coil Discharge Plenum & Grille	TWE[illegible]
[illegible]	Hydronic Coil Discharge Plenum & Grille	TWE[illegible]
[illegible]	Electric Heat Discharge Plenum & Grille	TWE[illegible]
[illegible]	Electric Heat Discharge Plenum & Grille	TWE[illegible]
[illegible]	Electric Heat Discharge Plenum & Grille	TWE[illegible]
[illegible]	Electric Heat Discharge Plenum & Grille	TWE[illegible]
[illegible]	Electric Heat Discharge Plenum & Grille	TWE[illegible]
Transformer		
[illegible]	75va transformer (230V)	TWE[illegible]
[illegible]	75va transformer	TWE[illegible]
[illegible]		TWE[illegible]
[illegible]		TWE[illegible]
Water Kits		
[illegible]	Steam Coil Enclosure	TWE[illegible]
[illegible]		TWE[illegible]
[illegible]		TWE[illegible]
[illegible]		TWE[illegible]
[illegible]		TWE[illegible]
[illegible]	Hot Water Coil Enclosure	TWE[illegible]
[illegible]		TWE[illegible]
[illegible]		TWE[illegible]
[illegible]		TWE[illegible]
[illegible]		TWE[illegible]
Wye Kit		
[illegible]	120 Wheel Damper	TWE[illegible]

(2) Required when 5 - 10 Ton Air Handlers are matched with 3 or 4 TXV/Heating units.
(3) When installed horizontally, permanent pan must be field supplied.
(4) Cannot be used on TWE[illegible], size plenum one size larger.

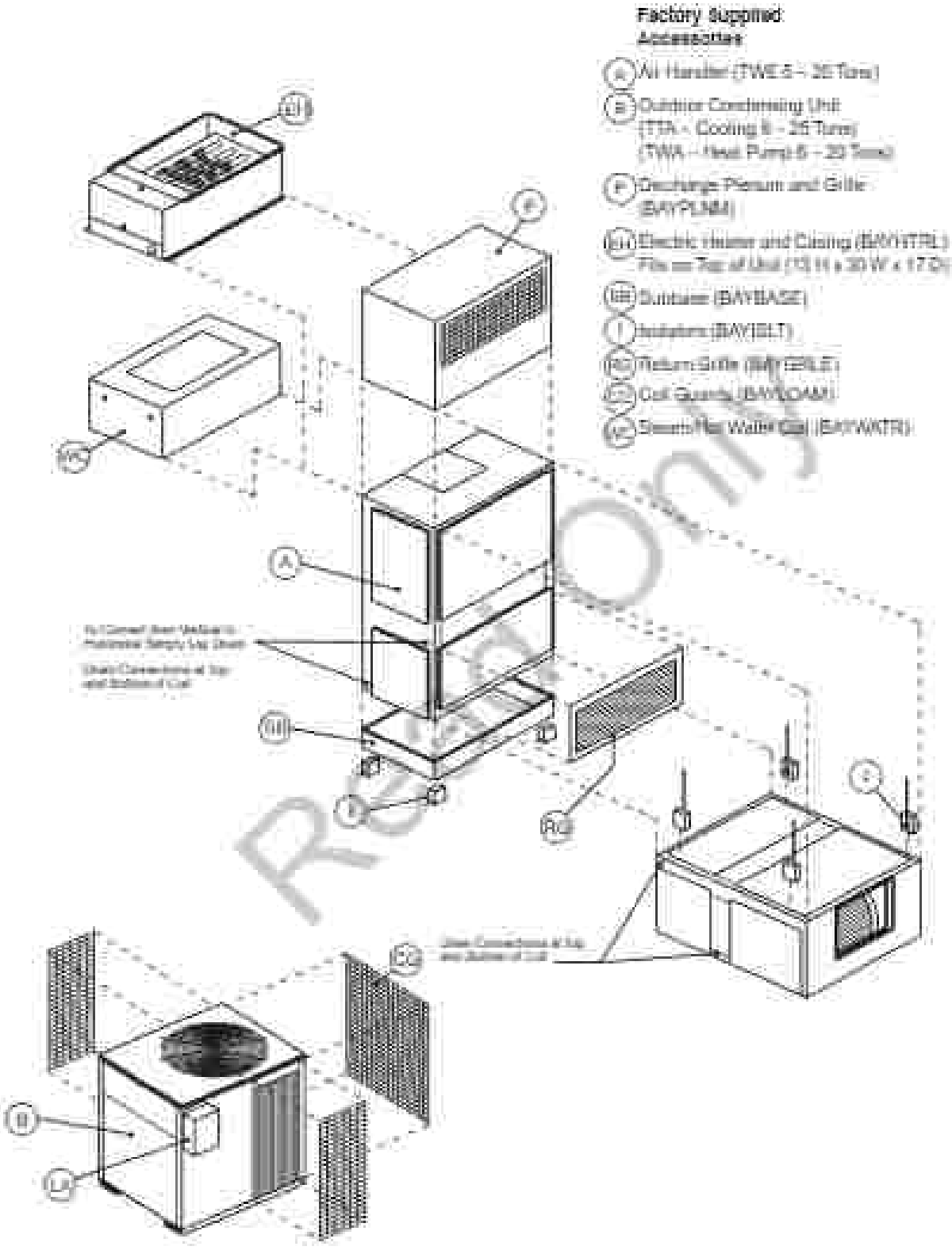
Replaced

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data Ratings and/or Installation, Service and Limited Warranty Handbooks.

Effective 1/11/18
[illegible]

BUILT TO A HIGHER STANDARD.
American Standard.
HEATING & AIR CONDITIONING

Split System Air Handlers
5-25 Tons



Reference Only

For complete equipment / combination assembly, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installation Guides and Limited Warranty Handbooks.

BUILT TO A HIGHER STANDARD
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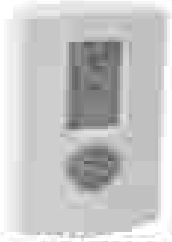
HEATING & AIR CONDITIONING

Non-Programmable Comfort Controls for ReliaTel™ Units



ASYSTAT095A

ASYSTAT095A

- One-touch temperature control.
- Large, clear, backlit display is easy to read, even in the dark.
- Displays both room temperature and temperature setting.
- Removable battery holder for fast, easy replacement.
- Built-in compressor protection.
- **Focus Pro 3 Heat/ 2 Cool**

PHASED OUT

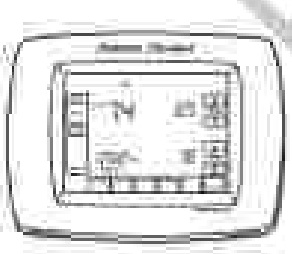
Programmable Comfort Controls for ReliaTel™ Units

ASYSTAT090A

ASYSTAT090A

- Large, Clear Display with Backlighting — Current temperature, set temperature and time are easy to read and all are displayed on the main screen.
- Menu Driven Programming — Provides guidance through the scheduling process, showing only necessary information and choices on each screen.
- Ability to Select Multiple Days — Allows easy customizing for unique schedules.
- Real Time Clock — Keeps time during power failure, automatically updates for daylight saving time.
- Armchair Programming — Can remove thermostat from wall to set the schedule.
- Precise Temperature Control (±1 °F) — reliable, consistent comfort.
- Multiple OVERRIDE options — Can modify schedule for a specific period of time (up to 365 days).
- Outdoor Temperature Indication — Displays current outdoor temperature to help plan outdoor activities.
- **2 Heat/2 Cool**

Read Only



ASYSTAT092A

ASYSTAT092A

- Large, Clear Display with Backlighting — Current temperature, set temperature and time are easy to read and all are displayed on the main screen.
- Menu Driven Programming — Provides guidance through the scheduling process, showing only necessary information and choices on each screen.
- Ability to Select Multiple Days — Allows easy customizing for unique schedules.
- Real Time Clock — Keeps time during power failure, automatically updates for daylight savings.
- Armchair Programming — Can remove thermostat from wall to set the schedule. Precise Temperature Control (±1 °F) — reliable, consistent comfort.
- Multiple OVERRIDE options — Can modify schedule indefinitely or for a specific period of time.
- Programmable Fan — Increases indoor air quality when combined with air cleaning equipment.
- Outdoor Temperature Indication — Displays current outdoor temperature to help plan outdoor activities.
- **2 Heat/2 Cool Commercial Vision Pro**

Read Only

For complete equipment / combination assertions, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

Effective 1/1/18
14-1014-25

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HEATING & AIR CONDITIONING

Programmable Comfort Controls for ReliaTel™ Units

ASYSTAT800A

ASYSTAT800A

- Wall mounted remote space sensor
- For use with ASYSTAT080A, ASYSTAT092A, and ASYSTAT093A programmable thermostats

Read Only

Light Commercial
Comfort Controls/Zone Sensors

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

Effective 1/1/18
14-18-11-25

BUILT TO A HIGHER STANDARD
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HEATING & AIR CONDITIONING

Zone Sensor Unit Installation

The zone sensor provides the operator control and zone temperature sensing functions for use with electronic unit controls. Refer to the appropriate unit installation manual for interconnecting wiring instructions.

ZONE SENSOR LOCATION

To ensure proper operation, select a location on an interior wall, at a height approximately 5 feet above the floor, with freely circulating air of average temperature.

Avoid Locations:

- Behind doors or in corners where air does not freely circulate.
- On an outside wall or any wall with unheated (uncooled) areas behind the zone sensor.
- Where direct sunlight or any Source of radiant heat could affect the temperature measurements.
- In line with the discharge air from the unit being controlled.

Mount the zone sensor base on the wall or optional mounting plate with the wires routed through the wire access hole in the base of the zone sensor.

ZONE SENSOR CONTROLS

Emergency Heat/Heat/Auto/Off/Cool

This switch determines whether the unit operates in emergency heat (EM. HEAT - for heat pumps only), heating (HEAT), automatically changing from heating to cooling as required (AUTO), heating and cooling functions disabled (OFF), or cooling (COOL).

Fan Auto/Fan On

This switch determines whether the indoor fan operates during cooling and heating cycles only (FAN AUTO) or runs continuously (FAN ON).

Temperature Adjustments

One or two temperature adjustment controls are provided to set the desired temperature or temperature range (for unit mode AUTO). If two controls are present, the blue control sets the desired temperature for cooling and the red control sets the desired temperature for heating.

Temperature Indicator

This indicates the temperature in the zone. The indicator has been factory calibrated and should not normally require adjustment. If adjustment is needed, it can be accomplished by slowly rotating a small screwdriver in the slot on the back of the indicator until the correct temperature is obtained.

Optional Remote Sensor

When using the optional remote sensor (BAYSENS017A), it should be located in the space that is to be controlled. Wire according to the interconnecting wiring diagrams in the unit IOM.

Installation: 18-HD60D41
Source: Clarksville

Read Only

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

LCCZS-3

Effective 1/1/18
14-1014-25

Light Commercial Comfort Controls/Zone Sensors

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HEATING & AIR CONDITIONING

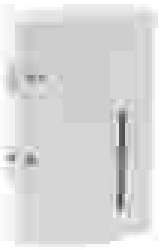
Micro Control Zone Sensors

ASYSTAT106A
Manual Changeover

- 4 wires required.
- Single Setpoint for 3-25 Tons Electric/Electric and Gas/Electric Systems
- Can be used with Remote Sensor (ASYSTAT669)

ASYSTAT107A
Manual Changeover

- 4-6 wires required.
- Single Setpoint for W- Heat Pump Systems (3-20 Tons)
- Can be used with Remote Sensor (ASYSTAT669)

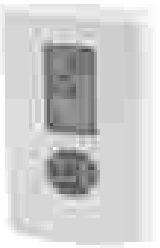


ASYSTAT108A
Automatic Changeover

- 5 wires required.
- Dual Setpoint for Electric/Electric and Gas Electric Systems (3-25 Tons)
- Can be used with Remote Sensor (ASYSTAT669)

ASYSTAT109A
Automatic Changeover

- 5-7 wires required.
- Dual Setpoint for W- Heat Pump Systems (3-20 Tons)
- Can be used with Remote Sensor (ASYSTAT669)



ASYSTAT709A/707A
LCD Digital
Display Zone Sensor

- 3-7 wires required.
- Non-Programmable Zone Sensor with a digital display
- ASYSTAT709A - Cool/Gas
- ASYSTAT707A - Heat Pumps

Zone Sensors must be used with Micro Control units. Vendor Thermostats which use their outputs are not recommended with Micro Control units. Major features lost by using a Conventional Thermostat include the following:

- No diagnostics
- Proportional integral control
- No smart recovery in the heating mode (heat pumps)
- 2-stage electric heat (heat pumps)
- Stand alone set up and set back for unoccupied features
- Intelligent fall back (unit can run on default value with outdoor air sensor)
- Control wiring size may be increased
- Remote sensing capability
- Space temperature averaging
- Supply air tempering
- Economizer preferred cooling is lost (compressor operation is locked out below 50°F)

Read Only

PHASE 2

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

Effective 1/1/18
14-1515-35

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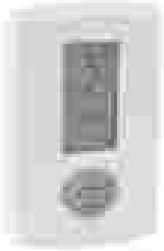
HEATING & AIR CONDITIONING

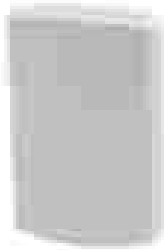
Electronic Programmable Zone Sensors For ReliaTel™ Units



ASYSTAT777A

- **Automatic or Manual Changeover with System Lights**
- Use With:
  3 – 10 Ton Precedent™ Units
  12.5 – 25 Ton Voyager™ Units
- Digital display indicating the time of day, the day of the week, room temperature, current program operating mode, and current active stage
- Continuous or 3 hour timed override
- Two occupied, two unoccupied programs per day
- L.C.D. readout in F or C (Celsius) and 12 or 24-hour clock
- Keyboard disable to prevent tampering
- Programming on a 7-day basis
- Status indication lights displayed in Digital Display
- Auxiliary relay (Form 1C)
- Auto Fan During Setback
- No Anticipator Required
- No Battery Required
- No accessories required. Each unit is complete and ready for installation
- Remote Room Sensor (ASYSTAT669)
- Finish: Pantone Cool Gray #2C
- Replacement: SEN 0415
- Installation: 16 HD60D29
- Source: Clarksville

Integrated Comfort™ Systems Sensors For ReliaTel™ Units



ASYSTAT669

- **Room Sensor**
- Used with Integrated Comfort™ Systems
- Used With:
  3 - 10 Ton Precedent™ Units
  12.5 - 25 Ton Voyager™ Units
- Finish: Pantone Cool Gray #2C
- Replacement: SEN01448
- Installation: Included with sensor
- Source: St. Paul GCC/Clarksville

Read Only

For complete equipment / combination assertions, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

BUILT TO A HIGHER STANDARD
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HEATING & AIR CONDITIONING

Packaged Cooling Convertible 3-10 Tons

Beveled Top
Smoother Design
Small compact cabinet
Recessed access handles

Standard Features:

- American Standard Heating & Air Conditioning small compressors on all 3-10 ton units
- Colored and numbered wiring
- Phase Monitor, R-410A 3 Phase Units
- Provisions for through the Base Condensate Drain Connections
- 2" throwaway filters provided on all ton units
- Liquid Line Refrigerant Drier
- Operating Charge of R-410A
- IAQ Sloped Drain Pans
- Single point power for Electric Heat
- Low Ambient to 40°F on Electromechanical models
- Low Ambient to 0°F on ReliaTel™ models
- 5 - year Limited Compressor Warranty
- 1 - year Limited Parts Warranty

Added Flexibility

- Electromechanical or ReliaTel™ controls **(See page LPC-12 for ReliaTel™ Control Information)**
- Standard or high efficiency cooling models available: 17+ available in 3T to 5T. For reference to 17+ please refer to publications RTPRC048-EN and RTSLB020-EN
- Convertible airflow (ships in downflow application)
- Fork lift openings on three sides of unit
- Direct or belt drive - standard or oversized motors (Direct for 3-5 ton only)
- We don't prepackage options
- Choose options tailored to suit each job —pay only for what is needed
- Units ship with options installed — and within our standard ship cycle time

Factory Installed Options

- Through the Base — Electrical
- Convertible Outlet — Powered or unpowered
- Unit Disconnect Switch
- Smoke Detectors — Supply, return, or both
- Condensed Coil Coating
- Hinged Access Service Panels
- Discharge Air Sensor
- Fan Fail and Clogged Filter Switches
- Condenser Coil Guard — Hail Protection Quality
- Dehumidification Hot Gas Reheat Coil (High Efficiency Units Only)
- Frostat
- Novar Controls
- Comm 3/4 Communications Interface
- BACnet™ Communications Interface
- 2" Pleated Media filters
- 2" MERV 8 filters or 2" MERV 13 filters
- Multi Speed & Single Zone VAV ID Airflow
- Demand Control Ventilation
- Stainless Steel Drainpan
- Condensate Drainpan Overflow Switch

Retail Only

The same American Standard Heating & Air Conditioning Quality and Reliability ... with added Flexibility!

For complete equipment / combination assertions, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

Effective 1/1/18
14-1014-25

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HEATING & AIR CONDITIONING

Packaged Cooling Convertible 3-5 Tons, R-410A

Table LPC-2-A — Precedent™ 17 Plus — R-410A — ReliaTel™ Controls Only

Tons	Unit Ordering No.	Performance SEER	Cooling Capacity (Btuh)	Cabinet Dimensions (in.) H x W x L	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA*	Max. Fuse**
THC - 208-230/1/60 - Three Phase - No Heat									
3	THC036E1*RA0000	17.0	36,000	39 x 44 x 69	16 x 22.5	24 x 14	514	23.2	35
4	THC048E1*RA0000	17.0	48,000	41 x 53 x 88	22 x 17.5	32 x 17.5	787	25.4	40
5	THC060E1*RA0000	17.0	60,000	41 x 53 x 88	22 x 17.5	32 x 17.5	841	32.3	45
THC - 460/3/60 - Three Phase - No Heat									
3	THC036E4*RA0000	17.5	36,000	39 x 44 x 69	16 x 22.5	24 x 14	514	11.4	15
4	THC048E4*RA0000	17.0	48,000	41 x 53 x 88	22 x 17.5	32 x 17.5	787	13.7	20
5	THC060E4*RA0000	17.0	60,000	41 x 53 x 88	22 x 17.5	32 x 17.5	841	13.9	20

Table PC-2-B — Base Unit — 15 SEER High Efficiency — R-410A — Electromechanical or ReliaTel™

Tons	Unit Ordering No.	Performance SEER	Cooling Capacity (Btuh)	Cabinet Dimensions (in.) H x W x L	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA*	Max. Fuse**
THC – 208-230/1/60 – Single Phase – No Heat									
3	THC036E1*RA0000	15.0	36,400	39 x 44 x 69	16 x 22.5	24 x 14	514	25.7	40
4	THC048E1*RA0000	15.0	48,800	41 x 53 x 88	22 x 17.5	32 x 17.5	787	32.7	50
5	THC060E1*RA0000	15.0	57,400	41 x 53 x 88	22 x 17.5	32 x 17.5	841	43.6	70
THC – 208/3/60 – Three Phase – No Heat									
3	THC036E3*RA0000	15.0	36,400	39 x 44 x 69	16 x 22.5	24 x 14	514	21.8	30
4	THC048E3*RA0000	15.0	48,800	41 x 53 x 88	22 x 17.5	32 x 17.5	787	28.3	40
5	THC060E3*RA0000	15.0	57,400	41 x 53 x 88	22 x 17.5	32 x 17.5	841	32.1	45
THC – 460/3/60 – Three Phase – No Heat									
3	THC036E4*RA0000	15.0	36,400	39 x 44 x 69	16 x 22.5	24 x 14	514	10.2	15
4	THC048E4*RA0000	15.0	48,800	41 x 53 x 88	22 x 17.5	32 x 17.5	787	13.8	20
5	THC060E4*RA0000	15.0	57,400	41 x 53 x 88	22 x 17.5	32 x 17.5	841	17.2	25

Table LPC-2-C — Base Unit — 14 SEER — R-410A — Electromechanical or ReliaTel™

Tons	Unit Ordering No.	Performance SEER	Cooling Capacity (Btuh)	Cabinet Dimensions (in.) H x W x L	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA*	Max. Fuse**
TSC - 208-230/1/60 - Three Phase - No Heat									
3	TSC036E3*1*A0000	14.0	36,000	39 x 44 x 69	16 x 22.5	24 x 14	537	19.9	30
4	TSC048E3*1*A0000	14.0	48,000	41 x 44 x 69	18 x 18.5	24 x 14	557	25.4	35
5	TSC060E3*1*A0000	14.0	57,000	41 x 44 x 69	18 x 18.5	24 x 14	609	28.2	40
TSC - 460/3/60 - Three Phase - No Heat									
3	TSC036E4*1*A0000	14.0	37,000	41 x 44 x 69	16 x 22.5	24 x 14	537	8.5	15
4	TSC048E4*1*A0000	14.0	48,000	41 x 44 x 69	18 x 18.5	24 x 14	557	11.0	15
5	TSC060E4*1*A0000	14.0	57,000	41 x 44 x 69	18 x 18.5	24 x 14	609	12.5	15

* HACR breaker per NEC.
** EPACT applies, 3-Ph only, EPACT applies to 15 SEER.
– Digit 5 – 1 = Electromechanical or R = ReliaTel™
*** Information subject to change. Please confirm with current Product Data/Service Facts for most recent factory production.

For complete equipment / combination specifications, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installation Guides and Limited Warranty Handbooks.

Effective 01/18
LC-PRC-LPC

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Packaged Cooling Convertible 6 - 10 Tons, R-410A

Table LPC-3-A — Base Unit — High Efficiency — R-410A — Electromechanical or RelaxTel™

Tons	Unit Ordering No.	Performance EER	Cooling Capacity (Btuh)	Cabinet Dimensions (in.) H x W x L	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA*	Max Fuse*
THC – 208-230/1/60 – Three Phase High Efficiency									
6	THC072F*3A0000	14.3	72,000	47 x 53 x 88	33 x 17.3	32 x 17.5	397	33.0	50
6	THC072F*3A0000	13.5	71,000	47 x 53 x 88	33 x 17.5	32 x 17.5	1076	37.4	50
7½	THC090F*3A0000	14.3	92,000	47 x 53 x 88	33 x 17.3	32 x 17.5	1124	41.5	50
8½	THC102F*3A0000	14.7	103,000	47 x 53 x 88	33 x 17.3	32 x 17.5	1124	42.3	50
10	THC120F*3A0000	14.7	119,000	51 x 63 x 106	33 x 17.3	32 x 17.5	1332	48.1	60
THC – 460/3/60 – Three Phase									
6	THC072F*4A0000	14.3	72,000	47 x 53 x 88	33 x 17.3	32 x 17.5	397	16.3	20
6	THC072F*4A0000	13.5	71,000	47 x 53 x 88	33 x 17.3	32 x 17.5	1076	18.7	20
7½	THC090F*4A0000	14.3	92,000	47 x 53 x 88	33 x 17.3	32 x 17.5	1124	19.9	20
8½	THC102F*4A0000	14.7	103,000	47 x 53 x 88	33 x 17.3	32 x 17.5	1124	19.9	20
10	THC120F*4A0000	14.7	119,000	51 x 63 x 106	33 x 17.3	32 x 17.5	1332	21.5	30

Table LPC-3-B — Base Unit — Standard Efficiency — R-410A — Electromechanical or RelaxTel™

Tons	Unit Ordering No.	Performance EER/SEER	Cooling Capacity (Btuh)	Cabinet Dimensions (in.) H x W x L	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA*	Max Fuse*
TSC – 208-230/1/60 – Three Phase – No Heat									
6	TSC072F*3A0000	13.0	75,000	42 x 53 x 88	33 x 17.3	32.13 x 17.5	856	36.5	50
7½	TSC090F*3A0000	12.2	88,000	42 x 53 x 88	33 x 17.3	32.13 x 17.5	870	38.2	50
7½	TSC090F*3A0000	13.0	94,000	46 x 53 x 88	33 x 17.3	32.13 x 17.5	1009	41.2	50
8½	TSC102F*3A0000	12.8	102,000	46 x 53 x 88	33 x 17.3	32.13 x 17.5	1048	46.3	60
10	TSC120F*3A0000	13.0	119,000	46 x 53 x 88	33 x 17.3	32.13 x 17.5	1056	49.8	60
TSC – 460/3/60 – Three Phase – No Heat									
6	TSC072F*4A0000	13.0	75,000	42 x 53 x 88	33 x 17.3	32.13 x 17.5	856	18.2	20
7½	TSC090F*4A0000	12.2	88,000	42 x 53 x 88	33 x 17.3	32.13 x 17.5	870	19.5	30
7½	TSC090F*4A0000	13.0	94,000	46 x 53 x 88	33 x 17.3	32.13 x 17.5	1009	21.5	25
8½	TSC102F*4A0000	12.8	102,000	46 x 53 x 88	33 x 17.3	32.13 x 17.5	1048	21.5	25
10	TSC120F*4A0000	13.0	119,000	46 x 53 x 88	33 x 17.3	32.13 x 17.5	1056	22.7	30
TSC – 575/3/60 – Three Phase – No Heat									
6	TSC072F*5A0000	13.0	75,000	42 x 53 x 88	33 x 17.3	32.13 x 17.5	856	12.7	20
7½	TSC090F*5A0000	12.2	88,000	42 x 53 x 88	33 x 17.3	32.13 x 17.5	870	14.7	20
7½	TSC090F*5A0000	13.0	94,000	46 x 53 x 88	33 x 17.3	32.13 x 17.5	1009	15.0	20
8½	TSC102F*5A0000	12.8	102,000	46 x 53 x 88	33 x 17.3	32.13 x 17.5	1048	17.0	20
10	TSC120F*5A0000	13.0	119,000	46 x 53 x 88	33 x 17.3	32.13 x 17.5	1056	18.3	25

* MCA (ampacity) per NEC.
** Digit 9 (C=Electromechanical or R=RelaxTel™)
*** Information subject to change. Please confirm with current Product Data/Service Facts for current factory promotions.

For complete equipment / combination applications, installation instructions and warranty information, please refer to Product Data Ratings and/or Installation Guides and Limited Warranty Handbooks.

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HEATING & AIR CONDITIONING

Packaged Cooling Convertible 3-10 Tons (Model Digit Numbers)

Digit	Description	Order Number
1-6	Main Assembly (see previous page)	
9	Unit Controls	
	Electro-Mechanical	2
	Hybrid [1] Microprocessor	6
10	Gas Heater (see below)	
11	Major Design Sequence	
	First Sequence	A
12-13	Service Sequence	
	First Sequence (Factory Supplied)	AA
14	Fresh Air Selection	
	No Fresh Air	1
	0-50% Manual Outside Air Damper [2]	4
	0-50% Motorized Outside Air Damper [2]	5
	0-100% Economizer Dry Bulb without Barometric Relief [3]	2
	0-100% Economizer Dry Bulb with Barometric Relief [3]	3
	0-100% Economizer, Reference Enthalpy without Barometric Relief [3][20]	7
	0-100% Economizer, Reference Enthalpy with Barometric Relief [3][20]	8
	0-100% Economizer, Comparative Enthalpy without Barometric Relief [3][20]	C
	0-100% Economizer, Comparative Enthalpy with Barometric Relief [3][20]	H
	Low Leak Economizer, Dry Bulb with Barometric Relief	K
	Low Leak Economizer, Comparative Enthalpy with Barometric Relief	M
	Low Leak Economizer, Reference Enthalpy with Barometric Relief	P
15	Supply Fan/Drive Type/Motor	
	Standard Drive	3
	Oversized Motor	7
	Optional Belt Drive Motor (3 phase only)	4
	Direct Drive ECM	8
	Direct-Speed Motor Fan	1
	ECM Supply Air Temperature Control (Standard Motor)	5
16	Hinged Service Access & Filters	
	Standard Panels & Filters	1
	Hinged Access Panels & Standard 1" Filters	4
	Standard Panels & 2" Pleated Filters MERV 8	2
	Hinged Access Panels & 2" Pleated Filters MERV 8	A
	Standard Panels[2] 2" MERV 13 Filters	3
	Hinged Access Panels[2] 2" MERV 13 Filters	B
17	Condenser Coil Protection	
	Standard Coil	1
	Standard Coil with Foil Louvers	2
	Black Epoxy Pre-Coated Condenser Coil	5
	Black Epoxy Pre-Coated Condenser Coil with Foil Louvers	6
	Complete Coat™ Condenser Coil	4
	Complete Coat™ Condenser Coil with Foil Louvers	3
18	Through the Base Provisions	
	No Through the Base Provisions	U
	Through the Base Electrical [4]	A
19	Disconnect/Circuit Breaker / Phase Monitor (3 phase only)	
	No Disconnect/Circuit Breaker	U
	Unit Mounted Non-Fused Disconnect [5]	1
	Unit Mounted Circuit Breaker [6]	2
20	Convenience Outlet	
	No Convenience Outlet	0
	Unpowered Convenience Outlet	A
	Powered Convenience Outlet (3 phase only) [7]	B

Digit	Description	Order Number
21	Communications Options [8]	
	No Communications Interface	0
	Comm5 Communications Interface	1
	Smart SCP Comms	2
	Smart SCP Controls	4
	Smart SCP Controls Interface with v5.x	5
	BACnet® Communications Interface	8
22	Refrigeration System Option	
	Standard Refrigeration System	0
	Dehumidification (Hot Gas Reheat Coil) [9]	1
23	Refrigeration Controls	
	Note: Applicable to Digit 7 = E,F	
	No Refrigeration Controls	0
	Freeze [10]	1
	Condensate Heater	2
	Hood and Condenser Heater	3
24	Smoke Detector [11][12]	
	No Smoke Detector	0
	Supply Air Smoke Detector [13]	4
	Supply Air Smoke Detector	B
	Supply and Return Air Smoke Detectors [13]	D
	Plenum Smoke Detector	U
25	Monitoring Controls [14]	
	No Monitoring Controls	0
	Compact Humidistat [15]	1
	Fan Failure Switch	2
	Discharge Air Sensor Kit [16]	3
	Dirty Filter Switch and Fan Failure Switch [17]	4
	Compact Humidistat and Discharge Air Sensor Kit	5
	Dirty Filter and Fan Failure Switches	6
	Discharge Air Sensor Kit [16]	7
	Wireless Humidistat [18]	8
	Indoor [IAQ] Cover Sensors [19]	B
	Condensate Drain Pan Overflow Switch	A
	Dirty Filter Switch [17] and Condensate Drain Pan Overflow Switch	D
	Fan Failure Switch [17] and Condensate Drain Pan Overflow Switch	C
	Discharge Air Sensor [16] and Condensate Drain Pan Overflow Switch	H
	Dirty Filter Switch [17], Fan Failure Switch and Condensate Drain Pan Overflow Switch	L
	Dirty Filter Switch [17], Discharge Air Sensor Kit and Condensate Drain Pan Overflow Switch	J
	Fan Failure Switch, Discharge Air Sensor [16] and Condensate Drain Pan Overflow Switch	G
	Dirty Filter Switch [17], Fan Failure Switch [17], Discharge Air Sensor [16] and Condensate Drain Pan Overflow Switch	M
26	System Monitoring Controls	
	No Monitoring Controls	0
	Demand Control Ventilation (CO2) [20]	A
27	Unit Hardware Enhancements	
	No Enhancements	0
	Stainless Steel Drain Pan	1
	Fault Detection and Diagnostics (FDD) [21]	B
	Fault Detection and Diagnostics (FDD) with Demand Control Ventilation	C
31	Additional Unit Controls	
	Standard Unit Controls	0
	Hybrid Interface	1

[1] Hybrids unless not available factory installed with electromechanical controls.
[2] Economizer with Barometric Relief is for installations configured using Order Sustainable without Barometric Relief for horizontal configurations. Barometric relief for horizontal component only must be ordered as field installed accessory. (BAROMETRIC).
[3] Requires use of Disconnect or Circuit Breaker.
[4] Postal cannot be field lowered in electromechanical units.
[5] Not available with (MPC) or (MPA) High Temperature Unit Accessory.
[6] The return air smoke detector may not fit up to work properly on the Convertible units when used in conjunction with 3rd party accessories such as 50 cm (inch wheel accessories and power without 20+ not under the return air smoke detectors when using this type of accessory.
[7] Return Air Smoke Detector cannot be ordered with Novar Controls.
[8] These options are standard when ordering Novar Controls.
[9] Not options to use when ordering Novar Control only.
[10] Gas manual outside air damper will ship loose to be installed in the field. It is must be field installed.
[11] Through the base electric required when ordering disconnect/circuit breaker options.
[12] Not available with electromechanical unit controls.
[13] Novar Sensor shipped with digit 21 = 4 Novar 3041 Controls without Zone Sensor.
[14] Available for V/T 10 (or economy efficiency (Hybrid only).
[15] Available for (Yr 3, 4, 5, 6, 7, 8, 9) (or economy/high efficiency models only).
[16] Requires selection of 2" Pleated Filters (option B or D in Digit 16).
[17] Not available for 6 ton units and all single phase at Standard efficiency.
[18] Standard on (YHC 8, 7) (single and dual systems), 8% 10 ton economy efficiency models and (YHC 4, 5, 6, 7) (or high efficiency models except for dehumidification models).
[19] Economy coil and indoor with field-panel options are not available for units with microprocessor-controlled coil.
[20] Single Zone VAV is only available on (3-10 ton high efficiency and 10 ton economy efficiency products with Reliatel™ controls.
[21] Unoccupied period not available only on (3 & 8.5 ton high efficiency and (10 ton products with Reliatel™ controls.
[22] Stainless Outside Air Damper is not available on Work Space or Space (Single Zone Variable Air Volume) products.
[23] Hybrid standard (at Work Space) and Space (Single Zone Variable Air Volume) products.
[24] Smart is not available with (MPA) products.
[25] Demand Control Ventilation not available with electromechanical controls.
[26] Demand Control Ventilation Option includes sensor only. For CO2 sensor in a field-installed only option.
[27] When ordering Dehumidification option, Digit 40 (all sizes) must be G, or H.

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data Ratings and/or Installation Guides and Limited Warranty Handbooks.

Effective 01/18
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Packaged Cooling Convertible 3-10 Tons (Model Digit Numbers)

Heaters (Digit 18)

kW Rating	Digit	Nominal BTUH	No. Stages	Used With
208/240/1ph				
208/240/3ph				

kW Rating	Digit	Nominal BTUH	No. Stages	Used With
460/3ph				
575/3ph				

Read Only

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Packaged Cooling Convertible 3-5 Tons, R-410A Electric Heaters

Table LPC-E-A — Accessory Electric Heaters – Unit with Heater is single circuit / single point power entry (3-5 Ton units)

Model Number	Power Supply	kW Rating	Nominal BTUH	No. Stages	Used With
B/XYHTRE105A	208-230/1/60	3.5/5.0	12,000/13,400	1	THC006E1
B/XYHTRE110A	208-230/1/60	7.5/10.0	25,000/34,000	2	THC006E1
B/XYHTRE114A	208-230/1/60	10.4/13.8	35,000/47,100	2	THC006E1
B/XYHTRE300C	208-230/3/60	4.5/6.0	13,400/20,500	1	THC006E3,THC037E3, TSC036G-000G3
B/XYHTRE312C	208-230/3/60	9.0/12.0	30,800/41,000	2	THC006E3,THC037E3, TSC036G-000G3
B/XYHTRE318C	208-230/3/60	13.0/17.4	44,000/58,400	2	THC006E3,THC037E3, TSC036G-000G3
B/XYHTRE323C	208-230/3/60	17.3/23.0	44,000/58,400	2	TSC000G3
B/XYHTRE406C	460/3/60	5	20000	1	THC006E4,THC037E4, TSC036G-000G4
B/XYHTRE412C	460/3/60	12	41000	2	THC006E4,THC037E4, TSC036G-000G4
B/XYHTRE418C	460/3/60	17.4	39400	2	THC006E4,THC037E4, TSC036G-000G4
B/XYHTRE423C	460/3/60	17.3/23.0	39400	2	TSC000G4
B/XYHTREW06C	575/3/60	5	20000	1	TSC036G-000GW
B/XYHTREW12C	575/3/60	12	41000	2	TSC036G-000GW
B/XYHTREW18C	575/3/60	17.4	39400	2	TSC036G-000GW
B/XYHTREW23C	575/3/60	17.3/23.0	39400	2	TSC000GW
B/XYHTRX105A	208-230/1/60	3.5/5.0	12,000/13,400	1	THC048-000F1
B/XYHTRX110A	208-230/1/60	7.5/10.0	25,000/34,000	2	THC048-000F1
B/XYHTRX114A	208-230/1/60	10.4/13.8	35,000/47,100	2	THC048-000F1
B/XYHTRX308B	208-230/1/60	4.5/6.0	13,400/20,500	1	THC047-007E3, THC048-000E3, THC048-048F3
B/XYHTRX312B	208-230/3/60	9.0/12.0	30,800/41,000	2	THC047-007E3, THC048-000E3, THC048-048F3
B/XYHTRX318B	208-230/3/60	13.0/17.4	44,000/58,400	2	THC047-007E3, THC048-000E3, THC048-048F3
B/XYHTRX323B	208-230/3/60	17.3/23.0	59,000/78,800	2	THC067E3, THC060E3, THC060F3
B/XYHTRX406B	460/3/60	5	20000	1	THC047-007E4, THC048-000E4, THC048-048F4
B/XYHTRX412B	460/3/60	12	41000	2	THC047-007E4, THC048-000E4, THC048-048F4
B/XYHTRX418B	460/3/60	18	39400	2	THC047-007E4, THC048-000E4, THC048-048F4
B/XYHTRX423B	460/3/60	23	78300	2	THC067E4, THC060E4, THC060F4

Read Only

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

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Packaged Cooling Convertible 6-10 Tons, R-410A Electric Heaters

Table LPC-7-A — Accessory Electric Heaters – Unit with Heater is single circuit / single point power entry (6-8 1/2 Ton Standard Efficiency units)

Model Number	Power Supply	kW Rating	Nominal BTUH	No. Stages	Used With
BAYHTR4208B	208/230/460	8.7/10.0	29,600/34,100	1	TSC072F4, TSC072H4
BAYHTR4211B	208/230/460	13.0/15.0	44,100/51,200	2	TSC072F4, TSC072H4
BAYHTR4215B	208/230/460	17.3/20.0	59,000/68,300	2	TSC072F4, TSC072H4
BAYHTR4220B	208/230/460	21.6/25.0	74,000/85,300	2	TSC072F4, TSC072H4
BAYHTR4308B	460/380	8	30700	1	TSC072F4, TSC072H4
BAYHTR4315B	460/380	15	51400	2	TSC072F4, TSC072H4
BAYHTR4327B	460/380	27	92100	2	TSC072F4, TSC072H4
BAYHTR4336B	460/380	36	122800	2	TSC072F4, TSC072H4
BAYHTR5208B	575/380	8	30700	1	TSC072F4, TSC072H4
BAYHTR5215B	575/380	15	51400	2	TSC072F4, TSC072H4
BAYHTR5227B	575/380	27	92100	2	TSC072F4, TSC072H4
BAYHTR5236B	575/380	36	122800	2	TSC072F4, TSC072H4
BAYHTR6208A	208/230/460	8.7/10.0	29,600/34,100	1	TSC072F4, TSC072H4
BAYHTR6211A	208/230/460	13.0/15.0	44,100/51,200	2	TSC072F4, TSC072H4
BAYHTR6217A	208/230/460	17.3/20.0	59,000/68,300	2	TSC072F4, TSC072H4
BAYHTR6222A	208/230/460	21.6/25.0	74,000/85,300	2	TSC072F4, TSC072H4
BAYHTR6408A	460/380	8	30700	1	TSC072F4, TSC072H4
BAYHTR6415A	460/380	15	51400	2	TSC072F4, TSC072H4
BAYHTR6427A	460/380	27	92100	2	TSC072F4, TSC072H4
BAYHTR6436A	460/380	36	122800	2	TSC072F4, TSC072H4
BAYHTR6W08A	575/380	8	30700	1	TSC072F4, TSC072H4
BAYHTR6W15A	575/380	15	51400	2	TSC072F4, TSC072H4
BAYHTR6W27A	575/380	27	92100	2	TSC072F4, TSC072H4
BAYHTR6W36A	575/380	36	122800	2	TSC072F4, TSC072H4
BAYHTRT3B3B	208/230/460	8.7/10.0	29,600/34,100	1	TSC060F4, TSC060H4, TSC110F3, TSC110H3
BAYHTRT3B9B	208/230/460	13.0/15.0	44,100/51,200	2	TSC060F4, TSC060H4, TSC110F3, TSC110H3
BAYHTRT3C7B	208/230/460	17.3/20.0	59,000/68,300	2	TSC060F4, TSC060H4, TSC110F4, TSC110H3
BAYHTRT3D2B	208/230/460	21.6/25.0	74,000/85,300	2	TSC060F4, TSC060H4, TSC110F3, TSC110H3
BAYHTRT4308B	460/380	8	30700	1	TSC060F4, TSC060H4, TSC110F4, TSC110H4
BAYHTRT4315B	460/380	15	51400	2	TSC060F4, TSC060H4, TSC110F4, TSC110H4
BAYHTRT4327B	460/380	27	92100	2	TSC060F4, TSC060H4, TSC110F4, TSC110H4
BAYHTRT4336B	460/380	36	122800	2	TSC060F4, TSC060H4, TSC110F4, TSC110H4
BAYHTRT5308B	575/380	8	30700	1	TSC060F4, TSC060H4, TSC110F4, TSC110H4
BAYHTRT5315B	575/380	15	51400	2	TSC060F4, TSC060H4, TSC110F4, TSC110H4
BAYHTRT5327B	575/380	27	92100	2	TSC060F4, TSC060H4, TSC110F4, TSC110H4
BAYHTRT5336B	575/380	36	122800	2	TSC060F4, TSC060H4, TSC110F4, TSC110H4

For complete equipment / combination assembly, installation instructions and warranty information please refer to Product Data Ratings and/or Installation, Owners and Limited Warranty Handbooks.

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Packaged Cooling Convertible 6-10 Tons, R-410A Electric Heaters

Table LPC-8-4 — Accessory Electric Heaters – Unit with Heater is single circuit / single point power entry
(6 - 8 1/2 Ton High Efficiency, 10 Ton Units)

Model Number	Power Supply	kW Rating	Nominal BTUH	No. Stages	Used With:
BAYHTR4336A	208-230/1/60	3	30700	1	THC(S)T4-10(E)1
BAYHTR4336A	208-230/3/60	3	30700	1	THC(S)T4E

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Packaged Cooling
Convertible 3-10 Tons Accessories

Table LPC-3-A — Accessories

Model Number	Description	Used With
BAYAMCC001C	RelaxTel™ Options Module	All THCB-120* (RelaxTel™) See Note (2)
BAYASCT01*	Anti-Short-Cycle Timer	All THCB-120* (Electro Mechanical)
BAYBARM010A*	Barometric Relief	THC(D)(B)-060*, THC(D)(E)
BAYBARM011A*	Barometric Relief	TSC(D)(Z)-(D)(Z)*, THC(D)(Z)*, TSC(D)(Z)(E), THC(D)(E)*-120*
BAYBCIR0001A	Bacnet® Communication Interface	RelaxTel™ Controller (SCI-R)
BAYCCOK0018WK	CO_2 Sensor Kit, Wall Mounted	All THCB-120* (RelaxTel™)
BAYCCOK0038WK	CO_2 Sensor Kit, Duct Mounted	All THCB-120* (RelaxTel™)
BAYCURB042A06	Roof Curb	TSC(D)(Z)-(D)(Z), THC(D)(E), THC(D)(Z)
BAYCURB048A06	Roof Curb	TSC(D)(Z)-(D)(Z), THC(D)(E)-(D)(Z)
BAYCURB048A	Roof Curb	THC(D)(Z)
BAYDMPR010E	0-50% Manual Outside Air Damper	TSC(D)(Z)-(D)(Z), THC(D)(E), THC(D)(Z)
BAYDMPR018E	0-50% Manual Outside Air Damper	TSC(D)(Z)-(D)(Z), THC(D)(Z)-(D)(Z)
BAYDMPR01A	0-50% Motorized Outside Air Damper	TSC(D)(Z)-(D)(Z), THC(D)(E), THC(D)(Z) (RelaxTel™)
BAYDMPR01E	0-50% Motorized Outside Air Damper	TSC(D)(Z)-(D)(Z), THC(D)(E), THC(D)(Z) (Electro Mechanical)
BAYDMPR04A	0-50% Motorized Outside Air Damper	TSC(D)(Z)-(D)(Z), THC(D)(Z)-(D)(Z) (RelaxTel™)
BAYDMPR04E	0-50% Motorized Outside Air Damper	TSC(D)(Z)-(D)(Z), THC(D)(Z)-(D)(Z) (Electro Mechanical)
BAYECON035A06	0-100% Dry Bulb Economizer without Barometric Relief	TSC(D)(Z)-(D)(Z), THC(D)(E), THC(D)(Z) (RelaxTel™)
BAYECON035E06	0-100% Dry Bulb Economizer without Barometric Relief	TSC(D)(Z)-(D)(Z), THC(D)(E), THC(D)(Z) (Electro Mechanical)
BAYECON037A06	0-100% Dry Bulb Economizer without Barometric Relief	TSC(D)(Z)-(D)(Z), THC(D)(Z)-(D)(Z) (RelaxTel™)
BAYECON037E06	0-100% Dry Bulb Economizer without Barometric Relief	TSC(D)(Z)-(D)(Z), THC(D)(Z)-(D)(Z) (Electro Mechanical)
BAYECONT04A	Downflow Low Leak Economizer	TSC(D)(Z)-(D)(Z), THC(D)(Z)-(D)(Z) (RelaxTel™)
BAYECONT05E	Downflow Low Leak Economizer	TSC(D)(Z)-(D)(Z), THC(D)(E), THC(D)(Z) (RelaxTel™)
BAYENTH035A	Reference Enthalpy Kit (Solid State)	BAYECON035A, 035A (Electro-Mechanical)
BAYENTH037A	Comparative Enthalpy Kit (Solid State)	BAYECON035A, 035A (Electro-Mechanical)
BAYENTH037A06	Reference Enthalpy Kit	BAYECON035A, 037A (RelaxTel™)
BAYENTH037E06	Comparative Enthalpy Kit	BAYECON035A, 037A (RelaxTel™)
BAYFREEZE06A06	High Temperature Freeze	All THCB-120E

(1) Kits contain all necessary parts to achieve desired airflow range, unless
(2) Lyric Heat Pump Communicating has a Wi-Fi interface built in for this unit.
(3) For use with RelaxTel™ controlled units only.
(4) Economizer Relief accessory installs in field-provided for horizontal configuration. For downflow configuration, installs in the unit's horizontal return duct. See Installer's Guide for complete instructions.
(5) BAYAMCC001C is required when ordering field-installed accessories Clogged Filter Switch (BAYSFSTD03K), Fan Fail Switch (BAYSFSTD04K), Discharge Air Sensing Kit (BAYTSDA01*) or Economizer Control Module (BAYECM01B) Ventilation Override Kit (BAYVOKD01B) increase the following options are factory installed: Smoke Detector, Clogged Filter Switch, Fan Failure Switch, Discharge Air Sensing Kit. These factory installed options include the RelaxTel™ Options Module.
(6) For use with electromechanical controlled units only.
(7) Accessory per Honeywell.
(8) Field installed accessory requires economizer.
(9) The manual outside air damper kit ship factory supplied within the unit, but must be field installed.

For complete equipment / combination assortment, installation instructions and warranty information, please refer to Product Data Ratings and/or Installation, Service and Limited Warranty Handbooks.

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Packaged Cooling Convertible 3-10 Tons Accessories

Table LPC-10-2—Accessories

Model Number	Description	Used With
BAYGARD037C	Condenser Coil Hail Guard	THC036, THC037
BAYGARD048C	Condenser Coil Hail Guard	TSC(H)(J)048, THC047-067
BAYGARD061(C)	Condenser Coil Hail Guard	TSC060-120
BAYGARD072A	Condenser Coil Hail Guard	THC120
BAYGARD1(C)7A	Condenser Coil Hail Guard	TSC(H)084-092
BAYGARD1(H)A	Condenser Coil Hail Guard	THC(H)72-102
BAYHSDR012A	High Static Drive Kit	THC012
BAYHSMT(H)03A	3 HP Oversized Motor Kit (208-230/460V)	TSC(H)072-4
BAYHSMT(H)05A	5 HP Oversized Motor Kit (575V)	TSC(H)072*W
BAYHSMT(H)06A	5 HP Oversized Motor Kit (208-230/460V)	TSC(H)(*)(H)072-4
BAYHSMT(H)07A	7.5 HP Oversized Motor Kit (575V)	TSC(H)090-102*W
BAYHSRT(H)03A	3 HP Oversized Motor Kit	THC(H)072-4
BAYHSDR(H)12A	High Static Drive Kit	TSC(H)072
BAYLMSVX01AC	Power Exhaust Unit Switch	All T*036-120*, R
BAYLOAMxxxxxxxx	Evaporator Defrost Control (Foreign)	THC036 (ReadyTec™)
BAYLOAMYgxx	Evaporator Defrost Control (Foreign)	THC036-060 (ReadyTec™)
BAYLSDR(H)03E	Low Static Drive Kit, 3-07 High Efficiency	THC036-060
BAYLSDR(H)05A	Low Static Drive Kit	TSC(H)036-102, THC072
BAYLTCH(H)01E	LonTalk Communications Interface (LCI)	All T*036-120*, R (ReadyTec™)
BAYPWRX(H)03A	Power Exhaust (208-230/3 VAC)	TSC(H)(J)048-120(J), THC047-120*3
BAYPWRX(H)04A	Power Exhaust (460/3 VAC)	TSC(H)(J)048-120*4, THC047-120*4
BAYPWRX(H)05A	Power Exhaust (575/3 VAC)	TSC(H)(J)048-120*5, THC047-120*5
BAYPWRX(H)07A	Power Exhaust (208-230/1 VAC)	TSC(H)(J)048-060*2, THC036*2, THC037*2
BAYPWRX(H)71A	Power Exhaust (460/1 VAC)	TSC(H)(J)048-060*4, THC036*4, THC037*4
BAYPWRX(H)72A	Power Exhaust (575/1 VAC)	TSC(H)(J)048-060*5
BAYQACB(H)03A/B	Quick Adapt Roof Curb	TSC(H)036-060, THC036, THC037
BAYQACB(H)04A/B	Quick Adapt Roof Curb	TSC(H)036-060, THC036, THC037
BAYQACB(H)1(A)B	Quick Adapt Roof Curb	TSC(H)072-120, THC047-102
BAYQACB(H)12A/B	Quick Adapt Roof Curb	TSC(H)072-120, THC047-102
BAYQACB(H)1(A)B	Quick Adapt Roof Curb	TSC(H)072-120, THC047-102
BAYRTEB001A/B	Fully Featured ReliaTel™ Economizer Logic Module	All T*036-120*, R
BAYSTP(H)01A	Remote Potentiometer	All T*036-120*, R
BAYSEN(H)01A/B	Sensible Economizer Sensor	All T*036-120*, R
BAYSEN(H)02A/B	Temperature Sensor	All T*036-120*, R
BAYSEN(H)03A/B	CO2 Duct Mounted, Sensor Only	All T*036-120*, R (ReadyTec™)
BAYSEN(H)04A/B	CO2 Wall Mounted, Sensor Only	All T*036-120*, R (ReadyTec™)
BAYTUBE003A	Discharge Air Sensing Kit	THC036-037*R
BAYTUBE047A	Discharge Air Sensing Kit	TSC(H)072-102*R, THC047-072*R
BAYTUBE1(H)A	Discharge Air Sensing Kit	TSC(H)084-092*R
BAYTUBE4(H)A	Discharge Air Sensing Kit	TSC(H)(J)*R, THC0*4-(H)*R
BAYTUBE4(H)A	Discharge Air Sensing Kit	THC(H)*R
BAYVRCR01BA/B	Ventilation Override Kit w/ReliaTel™ options module	All T*036-120*, R

(1) For ReliaTel™ microprocessor controlled units only. Must be factory installed for economizer/outside air controlled units.
(2) Lists Newest Manufacturing Ability for this part number.
(3) For use with ReliaTel™ controlled units only.
(4) BAYHSDR(H)01C is required when ordering field installed accessories Dogged Filter Switch (BAYCFIS002A), Low Fuel Switch (BAYCFLS003A), Discharge Air Sensing Kit (BAYTUBE003A) or Evaporator Defrost Control 3 Pushbutton (BAYCDEF002A) Humidistat Override Kit. BAYHSDR(H)01C arrives the Dirtstop options are factory installed. Humidistat, Smoke Detector, Dogged Filter Switch, Fan Failure Switch, Discharge Air Sensing Kit. These factory installed options include the "Humidistat" Options Module.
(5) BAYDACB036A adapts Voyager (BAYCUH036A) to accept "Horizontal" 3-5 ton unit. BAYDACB072A adapts Voyager (BAYCUH072A) to accept "Horizontal" unit.
(6) Cannot be used in conjunction with Economizer Relief. Order Condensate Kit(s) if Economizer Relief.
(7) BAYDACB072A adapts Voyager (BAYCUH072A) to accept "Horizontal" 6-10 ton unit. BAYDACB072A adapts Voyager (BAYCUH072A) to accept "Horizontal" 3-10 ton unit.
(8) Heat Anticipator shipped loose with thermostat.
(9) Heat Anticipator setting: 0.20 amps.
(10) Must be ordered with Economizer or Economizer Ventilation Override Module. (BAYLSDR(H)01A must be ordered)
(11) If any variation of Economizer or Ventilation is desired, BAYTEMP(H)01A must be ordered for the thermostat.
(12) Order only when unit has factory installed Demand Control Ventilation option.

For complete equipment / combination assembly, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installation Guides and Limited Warranty Handbooks.

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Packaged Cooling
Convertible 3-10 Tons, R-410A
Zone Sensors / Thermostats

Table LPC-11-A — Zone Sensors for RelisTel™ Controlled Units

Model Number	Description	Used With
ASYSTAT106A	Single Setpoint Manual Changeover	T*C036-120*R
ASYSTAT107A	Single Setpoint	T*C036-120*, R
ASYSTAT108A	Dual Setpoint Manual or Auto Changeover	T*C036-120*R
ASYSTAT109A	Dual Setpoint Changeover Sensor	T*C036-120*, R
ASYSTAT111A	Remote Room Sensor	
ASYSTAT777A	Programmable Night Setback w/System Function Lights (Vertical Style)	T*C036-120*R
ASYSTAT708A	Programmable Night Setback w/System Function Lights	T*C036-120*R
ASYSTAT710A	Wall Mounted Humidity Sensor	T*C036-120A,3,4,W-R,T*C036-120*, R
ASYSTAT711A	Duct Mounted Humidity Sensor	T*C036-120*,T*C036-120*, R
BAYSENS524A	Title 24 Zone Sensor(1)	All
BAYMTPL110A	Retrofit Wall Cover Plate Kit 7.25" x 6.0"	ASYSTAT111A

(1) Must be used with RelisTel™ Control and BCI Communications Interface

*Either standard or high efficiency models.

Table LPC-11-B — Thermostats — Electromechanical

Model Number	Description	Used With
ASYSTAT712B	CO2 Sensor Kit (Wall Mounted)	T*C036-120*R
ASYSTAT714B	CO2 Sensor Kit (Duct Mounted)	T*C036-120*R

Read Only

For complete equipment / combination assertions, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

ReliaTel™ Controls

Packaged Unit Protection/Operation Timings and Features

Alternating Lead/Lag – Dual Compressor Models Only — During periods of part load operation, each compressor cycles alternately as circuit number one, equalizing compressor wear and run time. Enabled by cutting the wire (BLUE) at (RTRM) jumper number J5-8. **Standard**

Anti- Short Cycle Timer (A SCT) Function — Provides a three (3) minute minimum "ON" time and a three (3) minute minimum "OFF" time for compressors, enhances compressor reliability by ensuring proper oil return. **Standard**

Built in Evaporator Defrost Control (EDC) Function — Prevents the unit from cooling down to 0°F. **Standard**

Built in Fan Delay Relay (FDR) Function — Provides custom indoor fan timing sequences for the different types of equipment, enhancing efficiency and reliability. **Standard**

Built in Night Set Back and Unoccupied Functions(1) — When using a standard dual setpoint auto change over Zone Sensor Module (ZSM) this function is enabled by applying a short across terminal J5-11 and J5-12. Sets cooling setpoint up a minimum of 7°F, sets heating setpoint down a minimum of 7°F. Knobs outputs on sensor (if present) maximum position to zero and forces fan operation to automatic. **Accessory (requires time clock accessory or field supplied/installed switch or contacts).**

Built in "TEST" Mode — Aids in quick verification of system and control operation, exercises both hardware and software (no special tools required). **Standard**

Built in Unoccupied Mode(1) — When using a standard single setpoint manual change over Zone Sensor Module (ZSM), this function is enabled by applying a short across terminal J5-11 and J5-12. Forces outputs on sensor (if present) maximum position to zero, forces fan operation to automatic. **Accessory (requires time clock accessory or field supplied/installed switch or contacts).**

Direct Digital Control (DDC)(1) — Proportional Integral (PI) control. Proportional – sets corrective action proportional to deviation from setpoint. Integral – fine tunes the rate of corrective action proportional to the error (results in superior space temperature control). **Standard**

Economizer Preferred Cooling(1) — Provides full economizer operation if required. Will not turn on a compressor if the economizer, if the space is occupied, adequately will meet temperature (2.2°F/ minute). Allows the economizer to be utilized in more cooling applications. **Standard with economizer accessory.**

Emergency Stop Terminals On Low Voltage Terminal Board (LTB-3 and LTB-4) — Provides a convenient point to disable the equipment completely and immediately. Will provided communication to fail. **Standard**

Heat Pump Smart Recovery and Smart Staging(1) — Inhibits auxiliary heat operation if the space is recovering adequately (2.2°F/minute) with the heat pump alone, providing considerable savings in operating costs. **Standard**

Heat Pump Soft Start — Provides a smooth transition and heating after defrost, eliminating noise and compressor stress associated with switch over. **Standard**

Increased Reliability — Fewer components (mainly electro-mechanical parts), less likelihood of equipment down time or failure. **Standard**

Integral Electric Heat Staging(1) — Stages electric heaters "OFF" and "ON", eliminating the use of outdated sequencers. **Standard**

Intelligent Fallback(1) — A built in Default Control provides enabled operation, which allows the equipment to continue to operate, providing comfort in the event of certain component failures. Also, allows emergency operation without a Zone Sensor Module (ZSM). **Standard**

Low Ambient Start Timer (LAST) Function — Bypasses low pressure control when a compressor starts, eliminating nuisance compressor lock outs. **Standard**

Lower Installation Cost — Using a standard Zone Sensor Module (ZSM), control voltage wiring may be run up to five (5) times further than any electromechanical system, with no increase in wire gauge. Example: Electromechanical System – 20 feet maximum using 22 gauge wire. Micro Control System – 100 feet using 22 gauge wire. **Standard**

On Board Diagnostics(1) — Assists with equipment troubleshooting. If a problem occurs, unit will still take action. **Standard**

Remote Sensing(1) — By standard Zone Sensor Modules (ZSM) has remote sensing capabilities, typically achieved by using an electronically programmable thermostat and remote sensor with electromechanical equipment. **Accessory (requires use of remote sensor).**

Selectable Economizer Dry Bulb Change Over — Allows the capability of selecting the following dry bulb change over points: 65, 67, 70 or 73°F. **Standard with economizer accessory.**

Space Temperature Averaging(1) — All standard Zone Sensor Modules (ZSMs) have space temperature averaging capabilities, typically achieved by using an electronic programmable thermostat and minimum of four (4) remote sensors with electromechanical equipment. **Averaging with ReliaTel™ can be achieved with two (2) sensors.**

Supply Air Tempering(1) — A built in feature, once enabled only through an ICS device, may also be enabled using a digital or programmable Zone Sensor Module. When in the HEAT mode (unit not actively heating), if supply air temperature drops 10°F below the heating setpoint, heat is turned on until supply air temperature rises to a point 10°F above the heating setpoint. Prevents terminate air during the "OFF" cycle, and eliminates cold air dumping from supply ducts. Extremely effective when introducing any quantity of fresh air. **Standard when using a RTRM, ICS device, digital, or programmable Zone Sensor Module.**

Time Delay Relay (TDR) Function — Provides an incremental staging delay between compressors. Minimizes equipment current inrush and compression by keeping compressors from starting simultaneously. **Standard**

Low Pressure and High Pressure Compressor Lockout — 3 trips will lockout (reset).

(1) Denotes features lost from utilizing standard conventional stat.

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ReliaTel™ Controls

Operation With An Electromechanical Thermostat

When the ReliaTel™ RTRM Thermostat Interface is used, equipment operation differs significantly. The basic equipment protection features remain intact, and the following features and benefits are **LOST**:

- **Direct Digital Control (DDC)** – Proportional Integral (PI) control is lost, equipment is controlled by a thermostat or generic building automation system device.
- **Intelligent Fall back** is lost, if a failure occurs in the device controlling the equipment, operation will cease.
- Installation is more costly, with the addition of a thermostat or generic control, the control wiring cost must be increased.
- **Heat Pump Smart Recovery** and **Smart Staging** is lost. Heat Pump operation becomes more costly unless a generic control being applied can accomplish this.
- **Remote Sensing** capabilities are lost, unless generic control being applied, can accomplish this.
- **Low ambient disabled economizer** and **second condensing fan cycling capability**
- **Space Temperature Averaging** capabilities are lost, unless generic control being applied can accomplish this.
- **Supply Air Tempering** feature is lost, discharge air temperature may be cold when not actively heating if outdoor air is being introduced through the equipment.
- **Built in Night Set Back** and **Unoccupied** functions are lost, unless generic control being applied can accomplish this.
- **Built in Unoccupied Mode** is lost, unless generic control being applied can accomplish this.
- **Economizer Preferred Cooling Feature** is lost, all compressor operation is locked out below 50°F.

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Packaged Cooling with ReliaTel™ Controls 12½-25 Tons, R-410A

YPS-26 Tons T*D-3 – Downflow
YPS-26 Tons T*H-3 – Horizontal

- ReliaTel™ control features are listed on page LPC-12
- Built-in anti-short cycle, time-delay relay and minimum on time controls
- 2" throwaway filters
- Liquid line drier
- Built-in two lift holes
- Operating charge of R-410A
- Blower access on 12½ – 25
- Stepped sheet metal drain pan
- Dedicated horizontal and downflow units
- Single point power for electric heat
- Complete line of optional electric heaters
- Internally enhanced coil tubing
- Low ambient to 0°F standard
- Colored and numbered wiring
- Phase monitor
- Quick-adjust idler arm pulley. Adjust belt tension, change belts, adjust airflow quickly (12½ – 25 tons), downflow only
- UL listed and CSA certified
- **5-year limited compressor warranty (12½ – 25 tons)**

Table LPC-14-A — High Efficiency ReliaTel™ Units (R-410A)

Tons	Unit Model No.	Power Supply Volts/Phase/Hz	Performance EER	Cooling Capacity (Btuh)	Dimensions (in.) H x W x L	Shipping Weight (lbs.)	MCA①	Max Fuse Size or Max Circuit Breaker①	Downflow② Footcurb
12½	TPY150D4R000000	460/3/60	13.5	144,000	34 x 60½ x 122½	2514	15	30	BAYDURB002B
15	TPY180D4R000000	460/3/60	14.0	174,000	54 1/8 x 60½ x 122½	2492	18	30	BAYDURB002B
17½	TPY210D4R000000	460/3/60	13.0	204,000	54 1/8 x 60½ x 122½	2441	20	110	BAYDURB002B
20	TPY240D4R000000	460/3/60	12.4	234,000	54 1/8 x 60½ x 122½	2513	23	125	BAYDURB002B
25	TPY300D4R000000	460/3/60	12.4	274,000	54 1/8 x 60½ x 122½	2514	27	150	BAYDURB002B
12½	TPY150D4RA00000	460/3/60	13.5	144,000	34 x 60½ x 122½	2564	15	40	BAYDURB002B
15	TPY180D4RA00000	460/3/60	14.0	174,000	54 1/8 x 60½ x 122½	2492	17	45	BAYDURB002B
17½	TPY210D4RA00000	460/3/60	13.0	204,000	54 1/8 x 60½ x 122½	2441	20	60	BAYDURB002B
20	TPY240D4RA00000	460/3/60	12.4	234,000	54 1/8 x 60½ x 122½	2513	23	60	BAYDURB002B
25	TPY300D4RA00000	460/3/60	12.4	274,000	54 1/8 x 60½ x 122½	2514	27	70	BAYDURB002B
12½	TPY150D4WP03000	575/3/60	13.5	144,000	34 x 60½ x 122½	2564	12	30	BAYDURB002B
15	TPY180D4WP03000	575/3/60	14.0	174,000	54 1/8 x 60½ x 122½	2492	14	30	BAYDURB002B
17½	TPY210D4WP03000	575/3/60	13.0	204,000	54 1/8 x 60½ x 122½	2440	16	40	BAYDURB002B
20	TPY240D4WP03000	575/3/60	12.4	234,000	54 1/8 x 60½ x 122½	2513	18	30	BAYDURB002B
25	TPY300D4WP03000	575/3/60	12.4	274,000	54 1/8 x 60½ x 122½	2514	22	50	BAYDURB002B

Table LPC-14-B — Standard Efficiency ReliaTel™ Units (R-410A)

Tons	Unit Model No.	Power Supply Volts/Phase/Hz	Performance EER	Cooling Capacity (Btuh)	Dimensions (in.) H x W x L	Shipping Weight (lbs.)	MCA①	Max Fuse Size or Max Circuit Breaker①	Downflow② Footcurb
12½	TS*150D3RA00000	208-230/3/60	12.2	140,000	50 1/8 x 77 5/16 x 107	1781	34	60	BAYDURB012B
15	TS*180D3RA00000	208-230/3/60	12.2	176,000	54 x 85 5/16 x 122	2281	41	100	BAYDURB012B
17½	TS*210D3RA00000	208-230/3/60	12.2	204,000	54 x 85 5/16 x 122	2282	48	125	BAYDURB012B
20	TS*240D3RA00000	208-230/3/60	11.4	240,000	54 x 85 5/16 x 122	2350	56	125	BAYDURB012B
25	TS*300D3RA00000	208-230/3/60	11.4	272,000	54 x 85 5/16 x 122	2337	67	150	BAYDURB012B
12½	TS*150D4RA00000	460/3/60	12.2	140,000	50 1/8 x 77 5/16 x 107	1781	17	40	BAYDURB012B
15	TS*180D4RA00000	460/3/60	12.2	176,000	54 x 85 5/16 x 122	2281	20	50	BAYDURB012B
17½	TS*210D4RA00000	460/3/60	12.2	193,000	54 x 85 5/16 x 122	2282	24	60	BAYDURB012B
20	TS*240D4RA00000	460/3/60	11.4	240,000	54 x 85 5/16 x 122	2350	28	70	BAYDURB012B
25	TS*300D4RA00000	460/3/60	11.4	272,000	54 x 85 5/16 x 122	2337	33	70	BAYDURB012B
12½	TS*150D4WP03000	575/3/60	12.2	140,000	50 1/8 x 77 5/16 x 107	1781	13	30	BAYDURB012B
15	TS*180D4WP03000	575/3/60	12.2	176,000	54 x 85 5/16 x 122	2281	16	40	BAYDURB012B
17½	TS*210D4WP03000	575/3/60	12.2	193,000	54 x 85 5/16 x 122	2282	19	50	BAYDURB012B
20	TS*240D4WP03000	575/3/60	11.4	240,000	54 x 85 5/16 x 122	2350	22	60	BAYDURB012B
25	TS*300D4WP03000	575/3/60	11.4	272,000	54 x 85 5/16 x 122	2337	26	60	BAYDURB012B

① HACR type circuit breaker per NEC.
② Information subject to change. Please confirm with current Product Data/Service Facts for most factory production.
③ Downflow only.
④ 275,000 in the horizontal airflow configuration.
* Digit 3 = H = Horizontal or D = Downflow.

For complete equipment / combination specifications, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installation Guides and Limited Warranty Handbooks.

Effective 01/18
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Packaged Cooling with ReliaTel™ Controls 12½-25 Tons (Model Digit Numbers)

Digit	Description	Order Number
1	**Unit Type**	
	Packaged Cooling, Electric Heat	T
	Packaged Cool/Combo	Y
2	**Efficiency**	
	Standard Efficiency	S
	High Efficiency	H
3	**Airflow Configuration**	
	Downflow	D
	Horizontal	H
4-5	**Nominal Cross Cooling Capacity (Btu/h)**	
	120 Tons	120
	150 Tons	150
	180 Tons	180
	210 Tons	210
	240 Tons	240
6	**Major Design Sequence**	
	Microelectrical Type Condenser Coils	1
8	**Voltage Selection**	
	208/230/60/3	3
	460/60/3	4
	575/60/3	5
	380/50/3	6
9	**Unit Controls**	
	ReliaTel™	R
10	**Heating Capacity**	
	No Heat[1]	A
	15 kW Electric Heat[1]	B
	21 kW Electric Heat[1]	C
	30 kW Electric Heat[1]	D
	54 kW Electric Heat[1]	E
	72 kW Electric Heat[1]	F
	Gas Heat – High[2]	G
	Gas Heat – Low[2]	J
	Gas Heat – 60 PCBs - Stainless[2]	K
	Gas Heat – 60 PCBs - Low[2]	M
	Gas Heat – 60 PCBs - High[2]	P
11	**Minor Design Sequence**	
12/13	**Service Sequence**	
14	**Fresh Air Selection**	
	No Fresh Air	A
	Econ-Mizer with Barometric Relief	B
	Econ-Mizer with Reference Enthalpy w/Barometric Relief	F
	Econ-Mizer with Comparative Enthalpy w/Barometric Relief	H
	Low Leak Economizer, Dry Bulb with Barometric Relief	K
	Low Leak Economizer, Comparative Enthalpy with Barometric Relief	M
	Low Leak Economizer, Reference Enthalpy with Barometric Relief	P
15	**Supply Fan/Drive Type/Motor**	
	Standard Motor	D
	Oversized Motor	L
	High Efficiency Motor	E
	Single Zone Variable Air Volume (Standard Motor)	F
	Multi-Speed Standard Motor	T
	Single Zone Variable Air Volume Oversized Motor	S
	Multi-Speed Oversized Motor	R
	Single Zone Variable Air Volume Standard Motor w/Shaft Ground Ring	A
	Multi-Speed Standard Motor w/Shaft Ground Ring	B
	Single Zone Variable Air Volume Oversized Motor w/Shaft Ground Ring	G
	Multi-Speed Oversized Motor w/Shaft Ground Ring	H
16	**Hinged Service Access / Filters**	
	Standard Panels/Standard Filters	D
	Hinged Access/Standard Filters	A
	Standard Panels/MERV 8 Filters	B
	Hinged Access/MERV 8 Filters	C
	Standard Panels/MERV 13 Filters	E
	Hinged Access/MERV 13 Filters	F
17	**Condenser Coil Protection**	
	Standard Coil	D
	Standard Coil With Hail Guard	T
	CompleteCoil™ Condenser Coil	K
	CompleteCoil™ Condenser Coil with Hail Guard	S
18	**Through the Base Provisions**	
	No Through the Base Provisions[3]	D
	Through the Base Electric[3]	A
	Through the Base Gas[3]	B
	Through the Base Electric/Gas[3]	C
	Through the Base Access[3]	U
19	**Disconnect Switch/Circuit Breaker**	
	No Disconnect/Circuit Breaker	0
	Unit Mounted Non-Fused Disconnect Switch	1
	Unit Mounted Circuit Breaker	2
20	**Convenience Outlet Option**	
	Without Convenience Outlet	0
	Unpowered Convenience Outlet	4
	Powered Convenience Outlet	5
21	**Communications Options**	
	Without Communications Options	0
	Nirue 2004 Controls Interface[4]	3
	Nirue 2001 Controls Interface[4]	4
	Nirue 2001 Communications Interface with Demand Control Ventilation[4]	7
	Building Automation Control Network Communications Interface	8
22	**Refrigeration System Option**	
	Standard Refrigeration System	0
	Thermal Expansion Valve (TXV)	6
	Dehumidification thru Gas Reheat	7
23	**Refrigeration Controls**	
	Without Refrigeration Controls	0
	Hot Gas	1
24	**Smoke Detector**	
	Without Smoke Detector	0
	Return Air Smoke Detector	4
	Supply Air Smoke Detector	5
	Return and Supply Air Smoke Detectors	6
	Plenum Smoke Detector	9
25	**System Monitoring Controls**	
	No Monitoring Controls	0
	Dirty Filter Switch	1
	Fan Failure Switch	2
	Discharge Air Sensing	3
	Dirty Filter Switch and Fan Failure Switch	4
	Dirty Filter Switch and Discharge Air Sensing	5
	Fan Failure Switch and Discharge Air Sensing	6
	Dirty Filter Switch, Fan Failure Switch and Discharge Air Sensing	7
	NOVAR Return Air Sensor Module (SZVAV)[5]	8
	NOVAR Zone Temp Sensor/Module (SZVAV)[5]	9
	Condensate Drain Pan Overflow Switch	A
	Dirty Filter Switch and Condensate Drain Pan Overflow Switch	B
	Fan Failure Switch and Condensate Drain Pan Overflow Switch	C
	Discharge Air Sensing and Condensate Drain Pan Overflow Switch	D
	Dirty Filter Switch, Fan Failure Switch and Condensate Drain Pan Overflow Switch	E
	Dirty Filter Switch, Discharge Air Sensing and Condensate Drain Pan Overflow Switch	F
	Fan Failure Switch, Discharge Air Sensing and Condensate Drain Pan Overflow Switch	G
	Dirty Filter Switch, Fan Failure Switch, Discharge Air Sensing and Condensate Drain Pan Overflow Switch	H
26	**System Monitoring Controls**	
	No Monitoring Controls	0
	Remote Control Ventilation (CO2 IR)	A
	Fault Detection and Diagnostics (FDD)	B
	Fault Detection and Diagnostics (FDD) with Demand Control Ventilation	C
27	**Unit Hardware Enhancements**	
	No Enhancements	0
	Stainless Steel Drain Pan	1
28	**Short Circuit Current Rating (SCCR)**	
	Standard (5kA)	C
	65 kA SCCR	P
29	**Advanced Unit Controls**	
	Standard Unit Controls	0
	Human Interface	1

Note: Most Factory Installed Options available for Downflow Air Discharge units only. Please verify unit ordering system for availability.

(1) Applicable to Digit 7 Y models only.
(2) Applicable to Digit 7 T models only.
(3) Applicable to Digit 7 T or Y models.
(4) Nirue is not available with SCCR4 protection.
(5) Demand Control Ventilation Option includes wiring only. The CO2 sensor is to be field-installed with option.

For additional Controls Information;
See ReliaTel™ and Micro Control features on PC-12 and PC-13.

For complete equipment / combination applications, installation instructions and warranty information, please refer to Product Data Ratings and/or Installation, Owners and Limited Warranty Handbooks.

Effective 1/1/18
Supersedes 1/1/17

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Packaged Cooling with ReliaTel™ Controls 12½-25 Tons, R-410A Zone Sensors / Thermostats

Table LPC-16-B — Zone Sensors for ReliaTel™

Model Number	Description	Used With
ASYST07106A	Single Setpoint Manual Changeover	YC*100-301
ASYST07108A	Dual Setpoint Manual or Automatic Changeover	YC*100-301
ASYST07111A	Remote Room Sensor	ASYST07777A
ASYST07777A	Programmable Night Setback	YC*100-301
ASYST07710A	Wall Mounted Humidity Sensor	YFD151.181.241 (with Reheat)
ASYST07711A	Duct Mounted Humidity Sensor	YFD151.181.241 (with Reheat)
BAYSENS024NI	Title 24 Zone Sensor	48
BAYMTPL110A	Retrofit Wall Cover Plate Kit 7.25" x 5.5"	ASYST07777A

*Must be used with ReliaTel™ Control and BCI Communications Interface

Read Only

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

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Packaged Cooling with ReliaTel™ Controls 12½-25 Tons Accessories

Table LPC-17-3 — Field Installed Accessories
For complete list of all Factory Installed Options refer to FIOP's section of this book.

Model Number	Description	Used With
BAYEC*W001A	BACnet™ Communication Interface	All Voyagers
BAYAIRF00128*	ReliaTel™ Options Module	All Voyagers
BAYCO2SN0028*	CO_2 Sensor Wall Mounted	All Voyagers w/Economizers
BAYCO2SN0048*	CO_2 Sensor Duct Mounted	All Voyagers w/Economizers
BAYCURB0218AN	Downflow Roof Curb (Can not be adapted for horizontal use)	TSD150F
BAYCURB0278AN	Downflow Roof Curb (Can not be adapted for horizontal use)	THD150F-300F, TSD180-300F
BAYDFPS005A/B*	Dirty Filter Switch (MERV 7)	All Voyagers
BAYDFPS005A/M*	Fan Failure Switch	All Voyagers
BAYDFPS013A	Dirty Filter Switch (MERV 13)	All Voyagers
BAYDMPR025C	0-25% Manual Outside Air Damper	All Voyagers
BAYDMPR037A	0-100% Motorized Outside Air Damper	TSD150F
BAYDMPR050A	0-100% Motorized Outside Air Damper	TSD[illegible]F-300F, TSD180F-300F
BAYECON018AN	Downflow Economizer with Barometric Relief	TSD150F
BAYECON018DA*	Downflow Economizer with Barometric Relief	TSD[illegible]F-300F, TSD180F-300F
BAYECON051A	Horizontal Economizer	TSH150F
BAYECON052A	Horizontal Economizer	TSH[illegible]F-300F, TSF180F-300F
BAYECON075A	Downflow Low Leak Economizer	TSD150F
BAYECON076A	Downflow Low Leak Economizer	TSD180F-300F, THD150F, THD180-300F
BAYENTH0018A*	Reference Enthalpy Kit	All BAYECON089-92A
BAYENTH0028A*	Comparative Enthalpy Kit	All BAYECON089-92A
BAYFREZ0004A	High Temperature Stat	All Voyagers
BAYGARD144A*	Tool-less Hail Guard	TSF150F
BAYGARD145A*	Tool-less Hail Guard	THF150F, TSF210F, TSF240F, TSF300F
BAYGARD150A	Tool-less Hail Guard	THF180F, THF210F, THF240F, THF300F
BAYHSDW0036A	High Static Drive	TSF150F, THF180F, THF180F
BAYHSDW0037A*	High Static Drive	THF210F, THF240F, TSF300F
BAYHSDR0118A*	High Static Drive	TSF210F, TSF240F, THF300F
BAYHSDR0119A	High Static Drive	TSF180F

(1) Kit contains all necessary parts to achieve highest level of Enthalpy Control.
(2) Reference Enthalpy senses outside temperature/humidity and inside temperature/humidity.
(3) Comparative Enthalpy senses outside temperature/humidity and inside temperature/humidity.
(4) High static drive and oversized motors are optional and not included.
(5) Clarksville manufacturing has a no return policy for this roof curb.
(6) Roof Curb/Filter rail only. Can not be adapted for horizontal units.
(7) Unit model number is required when ordering. Some examples: DAYCV150D1A or 150A, DAYCV300D1A or 300A and DAYCVHD150D1A or DAYCVHD180D1A.
(8) Field or factory installed option.
(9) Parts included as necessary. Procedures are recommended.

Read only

For complete equipment / combination assemblies, installation instructions and warranty information, please refer to Product Data Ratings and/or Installation, Service and Limited Warranty Handbooks.

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Packaged Cooling with ReliaTel™ Controls 12½-25 Tons Accessories

Table LPC-18-A — Field Installed Accessories
For complete list of of All Factory Installed Options refer to FIOP's section of this book.

Model Number	Description	Used With
BAYHSMT[illegible]	5HP Oversized Motor Kit (208-230/460V)	TS*150F
BAYHSMT04[illegible]	5HP Oversized Motor Kit (575V)	TS*180F
BAYHSMT[illegible]	5HP Oversized Motor Kit (208-230/460V)	TS*180F
BAYHSMT042A[illegible]	7-1/2HP Oversized Motor Kit (575V)	TS*210F, TH*210F, TS*240F, TH*240F
BAYHSMT072A[illegible]	7-1/2HP Oversized Motor Kit (575V)	TS*180F, TH*180F
BAYHSMT[illegible]	7-1/2HP Oversized Motor Kit (208/230V)	TH*210F, TH*240F
BAYHSMT[illegible]	7-1/2HP Oversized Motor Kit (460V)	TH*210F, TH*240F
BAYLOAM[illegible]	Evaporator Defrost Control Pivotal	TS*150F, TH*150F, TS*180F TS*210F, TS*240F, TS*300F
BAYLOAM[illegible]	Evaporator Defrost Control Pivotal	TH*180F, TH*210F, TH*240F, TH*300F
BAYLSDR[illegible]	Low Static Drive	TS*150F, TS*180F, TS*210F TH*210F, TH*240F, TS*240F
BAYLSDR[illegible]	Low Static Drive	TH*150F, TH*180F, TH*300F
BAYPSDR[illegible]	Power Exhaust for all Voyagers 12½-25 Ton 230V units	BAYESDH[illegible] TCD[illegible]
BAYPWEX[illegible]	Power Exhaust for all Voyagers 12½-25 Ton 460V units	BAYESDH[illegible] TCD[illegible]
BAYPWEX[illegible]	Power Exhaust for all Voyagers 12½-25 Ton 575V units	BAYESDH[illegible] TCD[illegible]
BAYSERV00[illegible]	Satellite Maintenance Service Tester	ARTC*150F/TC*301F
BAYSTAT[illegible]	Remote Potentiometer	All Economizers and 0-50% Motorized Air Dampers
BAYTUBE[illegible]	Discharge Air Sensing Kit	All TCD150F-TCD301F
BAYTUBE[illegible]	Discharge Air Sensing Kit	All TCH150F-TCH301F
BAYGAEB[illegible]	Adapter Curb	BAYCURB[illegible] to BAYCURB[illegible]
BAYVENT[illegible]	Ventilation Override Kit	TC*[illegible] with ReliaTel™ Options Module

(1) High static motor and oversized motors are normally furnished on Voyagers 12½-25 Ton units.
(2) Low static drive and oversized motors are normally available for Voyagers.
(3) Cannot be used with Integrated Control * Systems.
(4) Used for duct mounting or existing curb adapters with optional flashing.
(5) BAYABPC00[illegible] is required when ordering duct mounted flange BAYFLNG[illegible] on 09A, 24A [illegible]09A or 09A and BAYLOAM01A or BAYVENT[illegible]
(6) Used on factory installed option.

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For complete equipment / combination assembly, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installation Guides and Limited Warranty Handbooks.

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Packaged Cooling with ReliaTel™ Controls 12½–25 Tons Heaters

Table LPC-15-A — Downflow Supplementary Heaters:

Model Number	Power Supply	kW Rating	Nominal BTUH	No. Stages	Used With
AYDHTRK518A	208-230/1/60	13.5/18.0	46,000/61,400	1	TSD150F,180F,THD150F,180F
AYDHTRK536A	208-230/3/60	27.0/36.0	92,200/122,900	2	TSD150F,180F,THD150F,180F
AYDHTRK554A	208-230/3/60	40.5/54.0	138,300/184,300	2	TSD150F,180F,THD150F,180F
AYDHTRL418A	460/3/60	18.0	61,400	1	TSD150F,180F,THD150F,180F
AYDHTRK427A	460/3/60	27.0	92,200	2	THD300F
AYDHTRK536A	460/3/60	36.0	122,900	2	TSD150F,180F,THD150F,180F
AYDHTRK554A	460/3/60	54.0	184,300	2	TSD150F,180F,THD150F,180F
AYDHTRL536A	208-230/3/60	27.0/36.0	92,200/122,900	2	TSD210F,300F,THD210-300F
AYDHTRL554A	208-230/3/60	40.5/54.0	138,300/184,300	2	TSD210F,300F,THD210-300F
AYDHTRK572A	208-230/3/60	54.0/72.0	184,300/245,700	2	TSD210F,300F,THD210-300F
AYDHTRL427A	460/3/60	27.0	92,200	2	THD210F,THD210-300F
AYDHTRL536A	460/3/60	36.0	122,900	2	TSD210F,300F,THD210-300F
AYDHTRL554A	460/3/60	54.0	184,300	2	TSD210F,300F,THD210-300F
AYDHTRK572A	460/3/60	72.0	245,700	2	TSD300F,THD210-300F

Table LPC-15-B — Horizontal Supplementary Heaters:

Model Number	Power Supply	kW Rating	Nominal BTUH	No. Stages	Used With
AYHHTRN518A	208-230/3/60	13.5/18.0	46,000/61,400	1	TSH150F,TSH180F
AYHHTRP536A	208-230/3/60	27.0/36.0	92,200/122,900	2	TSH150F,TSH180F
AYHHTRP554A	208-230/3/60	40.5/54.0	138,300/184,300	2	TSH150F,TSH180F
AYHHTRR418A	460/3/60	18.0	61,400	1	TSH150F,TSH180F
AYHHTRP536A	460/3/60	36.0	122,900	2	TSH150F,TSH180F
AYHHTRP554A	460/3/60	54.0	184,300	2	TSH150F,TSH180F
AYHHTRN536A	208-230/3/60	27.0/36.0	92,200/122,900	2	TSH210-300F,THH210-300F
AYHHTRN554A	208-230/3/60	40.5/54.0	138,300/184,300	2	TSH210-300F,THH210-300F
AYHHTRN572A	208-230/3/60	54.0/72.0	184,300/245,700	2	TSH210-300F,THH210-300F
AYHHTRR536A	460/3/60	36.0	122,900	2	TSH210-300F,THH210-300F
AYHHTRR554A	460/3/60	54.0	184,300	2	TSH210-300F,THH210-300F
AYHHTRR572A	460/3/60	72.0	245,700	2	TSH210-300F,THH210-300F
AYHHTRR518A	208-230/3/60	13.5/18.0	46,000/61,400	1	THH150F,THH180F
AYHHTRR536A	208-230/3/60	27.0/36.0	92,200/122,900	2	THH150F,THH180F
AYHHTRR554A	208-230/3/60	40.5/54.0	138,300/184,300	2	THH150F,THH180F
AYHHTRR418A	460/3/60	18.0	61,400	1	THH150F,THH180F
AYHHTRR436A	460/3/60	36.0	122,900	2	THH150F,THH180F
AYHHTRR454A	460/3/60	54.0	184,300	2	THH150F,THH180F

Note: Unit with heater is single circuit single point.

For complete equipment / combination assembly, installation instructions and warranty information, please refer to Product Data Ratings and/or Installation, Owners and Limited Warranty Handbooks.

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Packaged Cooling with ReliaTel™ Controls 12½-25 Tons Heaters

Table LPC-20-A — Downflow Supplementary Heaters:

Model Number	Power Supply	kW Rating	Nominal BTUH	No. Stages	Used With
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Table LPC-20-B — Horizontal Supplementary Heaters:

Model Number	Power Supply	kW Rating	Nominal BTUH	No. Stages	Used With
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

Read Only

For additional Controls Information:
See ReliaTel™ and Micro Control features on LPC-12 and LPC-13.

For complete equipment / combination selection, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installation Guides and Limited Warranty Handbooks.

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HEATING & AIR CONDITIONING

Foundation™ Packaged Cooling 3-5 Tons, R-410A

- Scroll compressors on all units
- Operating charge of R-410A
- Low ambient operation of 40 F as standard
- Color coded and numbered wiring
- Single side service access
- Provisions for through the base connections
- Phase monitor on all units
- Convertible airflow on all units
- Non-corrosive cabinet
- Separate high and low voltage areas in control box
- 5-year limited compressor and heat exchanger warranty

Table LPC-21-3 — Foundation™ - R-410A - Electromechanical Controls

Tons	Unit Model No.	Power Supply Volts/Phase/Hz	Performance EER	Cooling Capacity (Btuh)	Dimensions (in.) H x W x L	Shipping Weight (lbs.)	MCA**	Max Fuse Size or Max Circuit Breaker**	Downflow Applicable
GBC - Three Phase No Heat									
3	EBCG036EB0A0000	208-230/3/60	14.0	36,000	42" x 48 x 29 ½"	523	19.5	25	BAYCURB330A
4	EBCG048A3B0A0000	208-230/3/60	14.0	48,000	42" x 48 x 29 ½"	536	32.6	50	BAYCURB330A
5	EBCG060A3B0A0000	208-230/3/60	14.0	57,500	42" x 48 x 29 ½"	545	39.4	45	BAYCURB330A
3	EBCG036A4B0A0000	460/3/60	14.0	36,000	42" x 48 x 29 ½"	527	10.5	15	BAYCURB330A
4	EBCG048A4B0A0000	460/3/60	14.0	48,000	42" x 48 x 29 ½"	536	11	15	BAYCURB330A
5	EBCG060A4B0A0000	460/3/60	14.0	57,500	42" x 48 x 29 ½"	539	12.9	20	BAYCURB330A
3	EBCG036A5B0A0000	575/3/60	14.0	36,000	42" x 48 x 29 ½"	523	8.6	15	BAYCURB330A
4	EBCG048A5B0A0000	575/3/60	14.0	48,000	42" x 48 x 29 ½"	536	9.1	15	BAYCURB330A
5	EBCG060A5B0A0000	575/3/60	14.0	57,500	42" x 48 x 29 ½"	539	9.2	15	BAYCURB330A

(1) Low Downflow applications only.
** Information subject to change. Please confirm with current Product Data Catalog pages for current factory production.

Read Only

For complete equipment / combination applications, installation instructions and warranty information, please refer to Product Data Ratings and/or Installation, Service and Limited Warranty Handbooks.

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Foundation™ Packaged Cooling 3-5 Ton Accessories

Table LPC-22-A — Foundation® — Field Installed Accessories

Model Number	Description	Used With
BAYCURB320A	Roof curb	All
BAYGARD320A	Tool-less Half Guard	All
BAYTBUE320A	Through the base - Elec	All
BAYDSCF320A	Unit Mounted Disconnect - cooling only, 100 Amp	GBC, EBC No Elec Heat
BAYDSCF321A	Unit Mounted Disconnect - electric heat, 100 Amp	EBC w/Elec Heat
BAYCO2K300A	Wall Mounted CO2 Sensor	All
BAYCO2K301A	Duct Mounted CO2 Sensor	All
BAYCO2W320A	Condensate Overflow	All
BAYCCHT310B	CCH - 208-230V (40 W) 5.5"	E/GBC(048 & 060)A3
BAYCCHT311B	CCH - 460V/572V (40W) 5.5"	E/GBC(048 & 060)A(4 & W)
BAYCCHT105A	CCH - 208-230V (40 W) 5.5"	E/GBC036A3
BAYCCHT405A	CCH - 460V/572V (40W) 5.5"	E/GBC036A(4 & W)
BAYLOAM330A	Pinstal	All
BAYLOAM340A	Low Ambient Kit	All
BAYKSCT001	Compressor Short Cycle Timer	All
BAYHSMT320A	2 HP Oversize motor Kit (208-230/460V)	All
BAYHSMT323A	2 HP Oversize motor Kit (380V)	All
BAYHSMT323A	2 HP Oversize motor Kit (575V)	All
BAYDMPR321A	Damper, Manual 3-5T	All
BAYDMPR320A	Damper, Motorized 3-5T	All
BAYBARD320A	Barometric Relief Damper, 3-5T	All
BAYECON320A	Economizer, Dry Bulb, Downflow 3-5T	All
BAYENTH320A	Reference Enthalpy Economizer, 3-5T	All
BAYENTH321A	Comparative Enthalpy Economizer, 3-5T	All
BAYECON355AW	Low Leak Economizer, Dry Bulb, Downflow W/FDD, 3-5T	All
BAYECON354AW	Low Leak Economizer, Dry Bulb, Horizontal W/FDD, 3-5T	All
BAYENTH323AW	Comparative Enthalpy, LLE W/FDD, 3-5T	All
BAYENTH322AW	Reference Enthalpy, LLE W/FDD, 3-5T	All
BAYBARD321AW	Barometric Relief Damper, LLE W/FDD, 3-5T	All
BAYPWRX320AW	Power Exhaust, 3-5T OF, 230V	All
BAYPWRX321AW	Power Exhaust, 3-5T OF, 460V	All
BAYPWRX322AW	Power Exhaust, 3-5T OF, 575V	All

① Please check availability
② Fact = Fault Detection & Diagnostics

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For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

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Foundation™ Packaged Cooling 3-5 Ton Heaters

Table LPC-22-A — Foundation™ - R-410A - Field Installed Accessories

Model No	Power Supply	kW Rating	Nominal BTUH	No. Stages	Used With
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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Foundation™ Packaged Cooling 15-25 Tons, R-410A

- Scroll compressors on all units
- Operating charge of R-410A
- Low ambient operation to 40°F as standard
- Color coded and numbered wiring
- Single side service access
- Molded handles on service access doors
- Separated high and low voltage compartments
- Liquid Line Refrigerant Drier
- Provisions for through the base connections
- Phase monitor on all units
- Convertible airflow
- Two inch throwaway filters as standard
- Non-corrosive & removable drain pan
- **5-year limited compressor warranty (15-25 tons)**

Table PC-24-A — Foundation™ — R-410A — Electromechanical Controls

Tons	Unit Model No.	Power Supply Volts/Phase/Hz	Performance (EER)	Cooling Capacity (Btu/h)	Dimensions (in.) H x W x L	Shipping Weight (lbs.)	MCA	Max Fuse Size or Max Circuit Breaker[1]	Downflow Readouts
15	EBC180A3E3A0000	208-230/3/60	11.5	183,000	58⅝ x 88 ⁷⁄₁₆ x 123⅞	2,020	79	100	EAYCURB027B
17½	EBC210A3E3A0000	208-230/3/60	11.5	212,000	58⅝ x 88 ⁷⁄₁₆ x 123⅞	2,074	91	110	EAYCURB027B
20	EBC240A3E3A0000	208-230/3/60	10.8	232,000	58⅝ x 88 ⁷⁄₁₆ x 123⅞	2,163	117	150	EAYCURB027B
25	EBC300A3E3A0000	208-230/3/60	10.2	290,000	58⅝ x 88 ⁷⁄₁₆ x 123⅞	2,208	124	150	EAYCURB027B
15	EBC180A4E3A0000	460/3/60	11.5	183,000	58⅝ x 88 ⁷⁄₁₆ x 123⅞	2,020	37	45	EAYCURB027B
17½	EBC210A4E3A0000	460/3/60	11.5	212,000	58⅝ x 88 ⁷⁄₁₆ x 123⅞	2,074	42	50	EAYCURB027B
20	EBC240A4E3A0000	460/3/60	10.8	232,000	58⅝ x 88 ⁷⁄₁₆ x 123⅞	2,163	53	70	EAYCURB027B
25	EBC300A4E3A0000	460/3/60	10.2	290,000	58⅝ x 88 ⁷⁄₁₆ x 123⅞	2,208	56	70	EAYCURB027B
15	EBC180AWE0A0000	575/3/60	11.5	183,000	58⅝ x 88 ⁷⁄₁₆ x 123⅞	2,020	31	45	EAYCURB027B
17½	EBC210AWE0A0000	575/3/60	11.5	212,000	58⅝ x 88 ⁷⁄₁₆ x 123⅞	2,074	34	40	EAYCURB027B
20	EBC240AWE0A0000	575/3/60	10.8	232,000	58⅝ x 88 ⁷⁄₁₆ x 123⅞	2,163	42	50	EAYCURB027B
25	EBC300AWE0A0000	575/3/60	10.2	290,000	58⅝ x 88 ⁷⁄₁₆ x 123⅞	2,208	47	50	EAYCURB027B

Table PC-24-B — Foundation™ — R-410A — Electromechanical Controls - 2-Speed Fan

Tons	Unit Model No.	Power Supply Volts/Phase/Hz	Performance (EER)	Cooling Capacity (Btu/h)	Dimensions (in.) H x W x L	Shipping Weight (lbs.)	MCA	Max Fuse Size or Max Circuit Breaker[1]	Downflow Readouts
EBC* - Three Phase No Heat									
15	EBC180A3E3A1DQY	208-230/3/60	12.8	183,000	58⅝ x 88 ⁷⁄₁₆ x 123⅞	2,020	79	100	EAYCURB027B
17½	EBC210A3E3A1DQY	208-230/3/60	12.8	212,000	58⅝ x 88 ⁷⁄₁₆ x 123⅞	2,074	91	110	EAYCURB027B
20	EBC240A3E3A1DQY	208-230/3/60	11.9	232,000	58⅝ x 88 ⁷⁄₁₆ x 123⅞	2,163	117	150	EAYCURB027B
25	EBC300A3E3A1DQY	208-230/3/60	11.7	290,000	58⅝ x 88 ⁷⁄₁₆ x 123⅞	2,208	124	150	EAYCURB027B
15	EBC180A4E3A1DQY	460/3/60	12.8	183,000	58⅝ x 88 ⁷⁄₁₆ x 123⅞	2,020	37	45	EAYCURB027B
17½	EBC210A4E3A1DQY	460/3/60	12.8	212,000	58⅝ x 88 ⁷⁄₁₆ x 123⅞	2,074	42	50	EAYCURB027B
20	EBC240A4E3A1DQY	460/3/60	11.9	232,000	58⅝ x 88 ⁷⁄₁₆ x 123⅞	2,163	53	70	EAYCURB027B
25	EBC300A4E3A1DQY	460/3/60	11.7	290,000	58⅝ x 88 ⁷⁄₁₆ x 123⅞	2,208	56	70	EAYCURB027B
15	EBC180AWE0A1DQY	575/3/60	12.8	183,000	58⅝ x 88 ⁷⁄₁₆ x 123⅞	2,020	31	45	EAYCURB027B
17½	EBC210AWE0A1DQY	575/3/60	12.8	212,000	58⅝ x 88 ⁷⁄₁₆ x 123⅞	2,074	34	40	EAYCURB027B
20	EBC240AWE0A1DQY	575/3/60	11.9	232,000	58⅝ x 88 ⁷⁄₁₆ x 123⅞	2,163	42	50	EAYCURB027B
25	EBC300AWE0A1DQY	575/3/60	11.7	290,000	58⅝ x 88 ⁷⁄₁₆ x 123⅞	2,208	47	50	EAYCURB027B

[1] HACR Circuit Breaker Type Per NEC
Information subject to change. Please confirm with current Product Data for current factory production.

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

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Foundation™ Packaged Cooling 15-25 Tons Accessories

Table LPC-25-3 — Foundation™ - R-410A - Field Installed Accessories

Model Number	Description	Used With
BAYTBLE000A	Through the Base Electrical Connections	All Foundation 15-25 Ton Units
BAYDSCF000A	Unit Mounted Disconnect, 100 Amp Not for use when electric heat installed	EAC180A* - EAC300A*; EAC180AW - EAC300AW
BAYDSCF001A	Unit Mounted Disconnect, 150 Amp Not for use when electric heat installed	EAC180A* - EAC300A*
BAYDSCF002A	Unit Mounted Disconnect, 100 Amp	BAYHTFA015A, BAYHTFA418A, BAYHTFAW18A, BAYHTFB439A, BAYHTFB460A, BAYHTFBW39A, BAYHTFAW04A, BAYHTFB460AA, BAYHTFBW72A, BAYHTFB972A
BAYDSCF003A	Unit Mounted Disconnect, 150 Amp	BAYHTFA472A, BAYHTFA497DA, BAYHTFA536A, BAYHTFB536A, BAYHTFB454A
BAYDSCF004A	Unit Mounted Disconnect, 250 Amp	BAYHTFA572A, BAYHTFB572A, BAYHTFB604A, BAYHTFB606A
BAYDMPF[C/U]A	Damper, Manual	EAC180A* - EAC300A*
BAYDMPF[C/U]A	Damper, Motorized	EAC180A* - EAC300A*
BAYECON[C/U]A	Economizer, Dry Bulb, Downflow	EAC180A* - EAC300A*
BAYECON[C/U]A	Economizer, Dry Bulb, Horizontal	EAC180A* - EAC300A*
BAYECON[C/U]AW	Low Leak Economizer w/PDD, Dry Bulb, Downflow	EAC180A* - EAC300A*
BAYECON[C/U]A	Low Leak Economizer w/PDD, Dry Bulb, Horizontal	EAC180A* - EAC300A*
BAYHZCV000A	Horizontal Economizer Conversion Kit	EAC180A* - EAC300A*
BAYBMRC000A	Barometric Relief Damper, 15-25T	EAC180A* - EAC300A*
BAYENTH[C/U]A	Reference Enthalpy Economizer Kit	EAC180A* - EAC300A*
BAYENTH[C/U]A	Comparative Enthalpy Economizer Kit	EAC180A* - EAC300A*
BAYENTH[C/U]AW	Reference Enthalpy Economizer Kit	EAC180A* - EAC300A* w/Low Leak Economizer & PDD
BAYENTH[C/U]AW	Comparative Enthalpy Economizer Kit	EAC180A* - EAC300A* w/Low Leak Economizer & PDD
BAYCURB0078	Roof Curb	EAC180A* - EAC300A*
BAYHZRF[C/U]A	Horizontal Duct Conversion Kit	EAC180A* - EAC300A*
BAYCNRB[C/U]A	Carrier Replacement Conversion Kit	EAC180A* - EAC300A*
BAYGARC000A	Condenser Hail Guard	EAC180A* - EAC300A*
BAYCCHT30[A/B]	Crankcase Heater, 70W, 230V	EAC180A* - EAC300A*
BAYCCHT301A	Crankcase Heater, 70W, 460V	EAC180A* - EAC300A*
BAYDCHT302A	Crankcase Heater, 70W, 575V	EAC180AW* - EAC300AW*
BAYMSCTD01	Compressor Short Cycle Timer	EAC180A* - EAC300A*
BAYLOAM[C/U]A	Low Ambient Control	EAC180A* - EAC300A*
BAYLOAM[C/U]A	Expansion Valve Stabilizer	EAC180A* - EAC300A*
BAYPWRC00[A/B/C]	Power Circuit, 60 Amp, DF, 230V	EAC180A* - EAC300A*
BAYPWRC001A/B	Power Circuit, 60 Amp, DF, 460V	EAC180A* - EAC300A*
BAYPWRC003A/B	Power Circuit, 60 Amp, DF, 575V	EAC180AW* - EAC300AW*
BAYHSMT30A	High Static Motor & Drv, 5HP, 230/460V	EAC180A & EAC180AA
BAYHSMT301A	High Static Motor & Drv, 5HP, 575V	EAC180AW
BAYHSMT302A	High Static Motor & Drv, 7.5HP 230/460V	EAC210A & EAC240A
BAYHSMT303A	High Static Motor & Drv, 7.5HP 460V	EAC210AA, EAC240AA
BAYHSMT304A	High Static Motor & Drv, 7.5HP 575V	EAC210AW, EAC240AW
BAYSHGR000A/B	Shaft Grounding Ring, 0.875" Shaft	Used With: 5HP VFD Motors
BAYSHGR001A/B	Shaft Grounding Ring, 1.125" Shaft	Used With: 7.5HP VFD Motors
BAYLSDR000A	Low Static Drive Option	EAC180A* - EAC300A*
BAYHSDR000A	High Static Drive Option	EAC180A* - EAC300A*
BAYCO2K000A	Wall Mounted CO2 Sensor	EAC180A* - EAC300A* with economizer
BAYCO2D001A	Duct Mounted CO2 Sensor	EAC180A* - EAC300A* with economizer
BAYRLCS01A	Refrigerant Pallet for Condenser End Unit Lifting	All Foundation 15-25 Ton Units
BAYCDDY000A	Drain Pan Overflow Switch	EAC180A* - EAC300A*
BAYSTAT000A	Electronic Enabled Thermostat	EAC180A* - EAC300A*

(1) = Lead Week Availability
(2) See HVAC Knowledge Center for a list of compatible Carrier units
(3) LCD = Fault Detection & Diagnostics
Information subject to change. Please confirm with current Product Data for current factory production

Preliminary

For complete equipment / combination applications, installation instructions and warranty information, please refer to Product Data Ratings and/or Installation, Owners and Limited Warranty Handbooks.

BUILT TO A HIGHER STANDARD
American Standard.
HEATING & AIR CONDITIONING

Foundation™ Packaged Cooling 15-25 Tons Heaters

Table LPC-26-A — Foundation™ - R-410A - Field Installed Accessories

Model Number	Power Supply	kW Rating	Nominal BTUH	No. Stages	Used With
BRVHTFA318A	208-230/3/60	13.5/18	46,100/54,400	1	EAC180A3*
BRVHTFA336A	208-230/3/60	27/36	92,200/122,500	2	EAC180A3*, EAC210A3*
BRVHTFB336A	208-230/3/60	27/36	92,200/122,500	2	EAC240A3*, EAC300A3*
BRVHTFA354A	208-230/3/60	40.5/54	138,200/184,300	2	EAC180A3*, EAC210A3*
BRVHTFB354A	208-230/3/60	40.5/54	138,200/184,300	2	EAC240A3*, EAC300A3*
BRVHTFA372A	208-230/3/60	54/72	184,300/245,700	2	EAC210A3*
BRVHTFB372A	208-230/3/60	54/72	184,300/245,700	2	EAC240A3*, EAC300A3*
BRVHTFA418A	460/3/60	18	54,000	1	EAC180A4*
BRVHTFA436A	460/3/60	36	122,500	2	EAC180A4*, EAC210A4*
BRVHTFB436A	460/3/60	36	122,500	2	EAC240A4*, EAC400A4*
BRVHTFA454A	460/3/60	54	184,300	2	EAC180A4*, EAC210A4*
BRVHTFB454A	460/3/60	54	184,300	2	EAC240A4*, EAC400A4*
BRVHTFA472A	460/3/60	72	245,700	2	EAC210A4*
BRVHTFB472A	460/3/60	72	245,700	2	EAC240A4*, EAC400A4*
BRVHTFAW18A	575/3/60	18	54,000	1	EAC180AW*
BRVHTFAW36A	575/3/60	36	122,500	2	EAC180AW*, EAC210AW*
BRVHTFBW36A	575/3/60	36	122,500	2	EAC240AW*, EAC400AW*
BRVHTFAW54A	575/3/60	54	184,300	2	EAC180AW*, EAC210AW*
BRVHTFBW54A	575/3/60	54	184,300	2	EAC240AW*, EAC400AW*
BRVHTFAW72A	575/3/60	72	245,700	2	EAC210AW*
BRVHTFBW72A	575/3/60	72	245,700	2	EAC240AW*, EAC400AW*

Information subject to change. Please confirm with current Product Data for current factory production.

Read Only

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

BUILT TO A HIGHER STANDARD

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HEATING & AIR CONDITIONING

Packaged Heat Pump Convertible 3-10 Tons

Beveled Top
Smoother Design
Small compact cabinet
Recessed access handles

Standard Features:

- American Standard Heating & Air Conditioning small compressors on all 3-10 ton units
- ReliaTel™ Controls (**See page LPC-12 for ReliaTel™ Control information**)
- Thermal Expansion Valve
- Colored and numbered wiring
- Phase Monitor, R-410A, 3 Phase Units
- Provisions for through the Base Condensate Drain Connections
- Patented Hybrid Condenser Coil for easy cleaning
- 2" throwaway filters provided on 3-10 ton units
- Liquid Line Refrigerant Drier
- Operating Charge of R-410A
- IAQ Sloped Drain Pans
- Single point power for electric Heat
- Low Ambient cooling to 0°F
- Anti-Short Cycle Timer (Standard with ReliaTel™)
- 5 - year Limited Compressor Warranty
- 1 - year Limited Parts Warranty

Added Flexibility

- **New 3-5 Ton Dual Fuel Models**
- Convertible airflow
- Fork lift openings on three sides of unit
- Direct or belt drive - standard or oversized motors (Direct for 3-5 ton only)
- We don't prepackage options
- Choose options tailored to suit each job — pay only for what is needed
- Units ship with options installed — and within our standard ship cycle time

Factory Installed Options

- Through the Base — Electrical
- Convenience Outlet — Powered or unpowered
- Unit Disconnect Switch
- Circuit Breaker
- Smoke Detectors — Supply, return, or both
- Condenser Coil Coating
- Hinged Access Service Panels
- Discharge Air Sensor
- Fan Fail and Clogged Filter Switches
- Condenser Coil Guard — Hail Protection Quality
- Comm 3/4 Communication Interface
- BACnet™ Communications Interface
- Frostat
- 2" MERV 8 filters or 2" MERV 13 filters
- Black Epoxy Pre-Coated Coils
- Crankcase Heaters
- Multi Speed & Single Zone VAV ID Airflow
- Demand Control Ventilation
- Stainless Steel Drainpan
- Condensate Drainpan Overflow Switch

Reference Only

Light Commercial Packaged Heat Pumps

The same American Standard Heating & Air Conditioning Quality and Reliability ... with added Flexibility!

For complete equipment / combination assertions, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

Effective 1/1/18
14-1014-25

Built to a Higher Standard.
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HEATING & AIR CONDITIONING

Packaged Heat Pump
Convertible 3-5 Tons

Table LPH-2-A — High Efficiency Unit — ReliaTel™ Microprocessor Controls

Type	Unit Ordering No.	Performance[1] SEER/EER	Cooling Capacity (Btuh)	Cabinet Dimensions (in.) H x D x W	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA*	Max.[2] Fuse*
WHC - 208-230/1/60 - Three Phase - No Electric Heat									
3	DHC036H3RLA0000	13.7 / 8.3	40,500	41 x 44 x 65	18 x 18.5	24 x 14	678	27.0	40
4	DHC048H3RLA0000	13.5 / 8.3	48,700	41 x 53 x 65	22 x 17.5	22 x 17.5	768	29.0	40
5	DHC060H3RLA0000	13.4 / 8.0	61,000	41 x 53 x 65	22 x 17.5	22 x 17.5	772	32.0	40
WHC - 460/3/60 - Three Phase - No Electric Heat									
3	DHC036H3RLA0000	13.7 / 8.3	40,500	41 x 44 x 65	18 x 18.5	24 x 14	678	13.0	15
4	DHC048H3RLA0000	13.5 / 8.3	48,700	41 x 53 x 65	22 x 17.5	22 x 17.5	768	14.0	15
5	DHC060H3RLA0000	13.2 / 8.0	61,000	41 x 53 x 65	22 x 17.5	22 x 17.5	772	15.0	20
WHC - 575/3/60 - Three Phase - No Electric Heat									
3	DHC036H3RLA0000	13.7 / 8.3	40,500	41 x 44 x 65	18 x 18.5	24 x 14	678	11.0	15
4	DHC048H3RLA0000	13.5 / 8.3	48,700	41 x 53 x 65	22 x 17.5	22 x 17.5	768	12.0	15
5	DHC060H3RLA0000	13.2 / 8.0	61,000	41 x 53 x 65	22 x 17.5	22 x 17.5	772	12.0	15

Table LPH-2-B — High Efficiency Dual Fuel Unit — ReliaTel™ Microprocessor Controls

Type	Unit Ordering No.	Performance[1] SEER/EER	Cooling Capacity (Btuh)	Gas Heating Output Capacity (Btuh) (1st stage / 2nd stage)	AFUE Furnace (DF)	Cabinet Dimensions (in.) H x D x W	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA*	Max.[2] Fuse*
DHC - 208-230/1/60 - Three Phase - Low Heat											
3	DHC036H3RLA0000	13.7 / 8.3	40,500	48,600 / 34,200	81%	41 x 44 x 65	18 x 18.5	24 x 14	688	27.0	40
4	DHC048H3RLA0000	13.5 / 8.3	48,700	48,600 / 34,200	81%	41 x 53 x 65	22 x 17.5	22 x 17.5	848	29.0	40
5	DHC060H3RLA0000	13.2 / 8.0	61,000	48,600 / 34,200	81%	41 x 53 x 65	22 x 17.5	22 x 17.5	848	32.0	40
DHC - 460/3/60 - Three Phase - Low Heat											
3	DHC036H3RLA0000	13.7 / 8.3	40,500	48,600 / 34,200	81%	41 x 44 x 65	18 x 18.5	24 x 14	688	13.0	15
4	DHC048H3RLA0000	13.5 / 8.3	48,700	48,600 / 34,200	81%	41 x 53 x 65	22 x 17.5	22 x 17.5	848	14.0	15
5	DHC060H3RLA0000	13.2 / 8.0	61,000	48,600 / 34,200	81%	41 x 53 x 65	22 x 17.5	22 x 17.5	848	15.0	20
WHC - 575/3/60 - Three Phase - Low Heat											
3	DHC036H3RLA0000	13.7 / 8.3	40,500	48,600 / 34,200	81%	41 x 44 x 65	18 x 18.5	24 x 14	688	11.0	15
4	DHC048H3RLA0000	13.5 / 8.3	48,700	48,600 / 34,200	81%	41 x 53 x 65	22 x 17.5	22 x 17.5	848	12.0	15
5	DHC060H3RLA0000	13.2 / 8.0	61,000	48,600 / 34,200	81%	41 x 53 x 65	22 x 17.5	22 x 17.5	848	12.0	15
DHC - 208-230/1/60 - Three Phase - Medium Heat											
3	DHC036H3RMA0000	13.7 / 8.3	40,500	64,800 / 46,200	81%	41 x 44 x 65	18 x 18.5	24 x 14	688	27.0	40
4	DHC048H3RMA0000	13.5 / 8.3	48,700	81,000 / 56,700	81%	41 x 53 x 65	22 x 17.5	22 x 17.5	848	29.0	40
5	DHC060H3RMA0000	13.2 / 8.0	61,000	81,000 / 56,700	81%	41 x 53 x 65	22 x 17.5	22 x 17.5	848	32.0	40
DHC - 460/3/60 - Three Phase - Medium Heat											
3	DHC036H3RMA0000	13.7 / 8.3	40,500	64,800 / 46,200	81%	41 x 44 x 65	18 x 18.5	24 x 14	688	13.0	15
4	DHC048H3RMA0000	13.5 / 8.3	48,700	81,000 / 56,700	81%	41 x 53 x 65	22 x 17.5	22 x 17.5	848	14.0	15
5	DHC060H3RMA0000	13.2 / 8.0	61,000	81,000 / 56,700	81%	41 x 53 x 65	22 x 17.5	22 x 17.5	848	15.0	20
DHC - 575/3/60 - Three Phase - Medium Heat											
3	DHC036H3RMA0000	13.7 / 8.3	40,500	64,800 / 46,200	81%	41 x 44 x 65	18 x 18.5	24 x 14	688	11.0	15
4	DHC048H3RMA0000	13.5 / 8.3	48,700	81,000 / 56,700	81%	41 x 53 x 65	22 x 17.5	22 x 17.5	848	12.0	15
5	DHC060H3RMA0000	13.2 / 8.0	61,000	81,000 / 56,700	81%	41 x 53 x 65	22 x 17.5	22 x 17.5	848	12.0	15
DHC - 208-230/1/60 - Three Phase - High Heat											
3	DHC036H3RHA0000	13.7 / 8.3	40,500	81,000 / 56,700	81%	41 x 44 x 65	18 x 18.5	24 x 14	688	27.0	40
4	DHC048H3RHA0000	13.5 / 8.3	48,700	105,300 / 73,710	81%	41 x 53 x 65	22 x 17.5	22 x 17.5	848	29.0	40
5	DHC060H3RHA0000	13.2 / 8.0	61,000	121,500 / 85,050	81%	41 x 53 x 65	22 x 17.5	22 x 17.5	848	32.0	40
DHC - 460/3/60 - Three Phase - High Heat											
3	DHC036H3RHA0000	13.7 / 8.3	40,500	81,000 / 56,700	81%	41 x 44 x 65	18 x 18.5	24 x 14	688	13.0	15
4	DHC048H3RHA0000	13.5 / 8.3	48,700	105,300 / 73,710	81%	41 x 53 x 65	22 x 17.5	22 x 17.5	848	14.0	15
5	DHC060H3RHA0000	13.2 / 8.0	61,000	121,500 / 85,050	81%	41 x 53 x 65	22 x 17.5	22 x 17.5	848	15.0	20
DHC - 575/3/60 - Three Phase - High Heat											
3	DHC036H3RHA0000	13.7 / 8.3	40,500	81,000 / 56,700	81%	41 x 44 x 65	18 x 18.5	24 x 14	688	11.0	15
4	DHC048H3RHA0000	13.5 / 8.3	48,700	105,300 / 73,710	81%	41 x 53 x 65	22 x 17.5	22 x 17.5	848	12.0	15
5	DHC060H3RHA0000	13.2 / 8.0	61,000	121,500 / 85,050	81%	41 x 53 x 65	22 x 17.5	22 x 17.5	848	12.0	15

[illegible]

[illegible]

For complete equipment / combination specifications, installation instructions and warranty information, please refer to Product Data/Ratings and/or Owner's Guides and Limited Warranty Handbooks.

Packaged Heat Pump Convertible 3-10 Tons

Table LPH-5-A — Base Unit — Standard Efficiency — ReliaTel™ Microprocessor Controls

Tons	Unit Ordering No.	Performance[1] SEER/EER	Cooling Capacity (Btuh)	Cabinet Dimensions (in.) H x D x W	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA*	Max[2] Fuse*
WSC – 208-230/60/3 – Three Phase – No Electric Heat									
3	WSC036H3RB[ ]A0000	14.0	33,000	41 x 44 x 68	19 x 19.5	24 x 14	812	30.0	40
4	WSC048H3RB[ ]A0000	14.0	50,000	41 x 44 x 68	19 x 19.5	24 x 14	840	35.0	40
5	WSC060H3RB[ ]A0000	14.0	61,000	41 x 53 x 68	33 x 17.5	32 x 17.5	777	34.0	50
6	WSC072E3RB[ ]A0000	12.5	76,000	47 x 53 x 68	33 x 17.5	32 x 17.5	835	36.3	50
7 1/2	WSC090H3RB[ ]A0000	12.5	94,000	47 x 53 x 68	33 x 17.5	32 x 17.5	902	38.4	60
10	WSC120E3RB[ ]A0000	12.4	116,000	51 x 63 x 108	33 x 17.5	32 x 17.5	1388	51.0	60
WSC – 460/60/3 – Three Phase High Efficiency									
3	WSC036H3RB[ ]A0000	14.0	33,000	41 x 44 x 68	19 x 19.5	24 x 14	812	14.0	25
4	WSC048H3RB[ ]A0000	14.0	50,000	41 x 44 x 68	19 x 19.5	24 x 14	840	14.0	15
5	WSC060H3RB[ ]A0000	14.0	61,000	41 x 53 x 68	33 x 17.5	32 x 17.5	777	16.0	20
6	WSC072E3RB[ ]A0000	12.5	76,000	47 x 53 x 68	33 x 17.5	32 x 17.5	835	26.0	30
7 1/2	WSC090E4RB[ ]A0000	12.5	94,000	47 x 53 x 68	33 x 17.5	32 x 17.5	902	19.8	35
10	WSC120E4RB[ ]A0000	12.4	116,000	51 x 63 x 108	33 x 17.5	32 x 17.5	1388	26.1	50
WSC – 575/60/3 – Three Phase – No Heat									
3	WSC036H4RB[ ]A0000	14.0	33,000	41 x 44 x 68	19 x 19.5	24 x 14	812	12.0	15
4	WSC048H4RB[ ]A0000	14.0	50,000	41 x 44 x 68	19 x 19.5	24 x 14	840	12.0	15
5	WSC060H4RB[ ]A0000	14.0	61,000	41 x 53 x 68	33 x 17.5	32 x 17.5	777	13.0	15
6	WSC072E4RB[ ]A0000	12.5	76,000	47 x 53 x 68	33 x 17.5	32 x 17.5	835	12.4	20
7 1/2	WSC090E4RB[ ]A0000	12.5	94,000	47 x 53 x 68	33 x 17.5	32 x 17.5	902	14.5	20
10	WSC120E4RB[ ]A0000	12.4	116,000	51 x 63 x 108	33 x 17.5	32 x 17.5	1388	21.1	25

[1] HACR-branded units FEC.

[2] Class R (Applies, 1-4 Class, 5-6 Applies) R-12 fuse.

Read Only

For complete equipment / combination assembly, installation instructions and warranty information, please refer to Product Data Ratings and/or Installation, Service and Limited Warranty Handbooks.

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HEATING & AIR CONDITIONING

Packaged Heat Pump Convertible 3-10 Tons (Model Digit Numbers)

Digit	Description	Order Number
1-8	Main Assembly (see previous page)	
9	Unit Controls	
	ReliaTel™ Microprocessor	R
10	(See Heater Table below)	
11	Minor Design Sequence	
	Pre Sequence	A
12-13	Service Sequence	
	Pre Sequence (Factory Assigned)	**
14	Fresh Air Selection	
	No Fresh Air	0
	Manual Outside Air Damper 0-50%	A
	Motorized Outside Air Damper 0-50%	B
	Economizer, Dry Bulb 0-100% without Barometric Relief(1)	C
	Economizer, Dry Bulb 0-100% with Barometric Relief(1)	D
	Economizer, Reference Enthalpy 0-100% without Barometric Relief(1)	E
	Economizer, Reference Enthalpy 0-100% with Barometric Relief(1)	F
	Economizer, Comparative Enthalpy 0-100% without Barometric Relief(1)	G
	Economizer, Comparative Enthalpy 0-100% with Barometric Relief(1)	H
	Low Leak Economizer, Dry Bulb with Barometric Relief	K
	Low Leak Economizer, Comparative Enthalpy with Barometric Relief	M
	Low Leak Economizer, Reference Enthalpy with Barometric Relief	P
15	Supply Fan/Drive Type/Motor	
	Standard Drive	0
	Oversized Motor	1
	Optional Belt Drive Motor	2
	Single Zone Variable Air Volume (SZVAV)	3
	Multi-Speed Indoor Fan(2)	5
16	Hinged Service Access/Filters	
	Standard Panels/Standard Filters	0
	Hinged Access Panels/Standard Filters	A
	Standard Panels/2" MERV 8 Filters	B
	Hinged Access Panels/2" MERV 8 Filters	C
	Standard Panels/2" MERV 13 Filters	D
	Hinged Access Panels/2" MERV 13 Filters	E
17	Condenser Coil Protection	
	Standard Coil	0
	Standard Coil with Hail Guard	1
	Black Epoxy Pre-Coated Condenser Coil	2
	Black Epoxy Pre-Coated Condenser Coil with Hail Guard	3
18	Through the Base Provisions	
	No Through the Base Provisions	0
	Through the Base Electrical(3)	A
19	Disconnect/Circuit Breaker (three-phase only)	
	No Disconnect/No Circuit Breaker	0
	Unit Mounted Non-Fused Disconnect(4)	1
	Unit Mounted Circuit Breaker(5)	2
20	Convenience Outlet	
	No Convenience Outlet	0
	Unpowered Convenience Outlet	A
	Powered Convenience Outlet (three-phase only)(6)	B

Digit	Description	Order Number
21	Communications Options	
	No Communications Interface	C
	BACnet™ Communications Interface	G
22	Refrigeration System Option	
	Standard Refrigeration System(7)	0
23	Refrigeration Controls	
	No Refrigeration Control(8)	C
	Frostat®	T
	Crankcase Heater(9)	2
	Frostat and Crankcase Heater(7)(9)	7
24	Smoke Detector	
	No Smoke Detector	C
	Return Air Smoke Detector(10)	A
	Supply Air Smoke Detector	E
	Supply and Return Air Smoke Detectors(11)	C
	Plenum Smoke Detector	D
25	System Monitoring Controls	
	No Monitoring Control	C
	Clogged Filter Switch	1
	Fan Failure Switch	2
	Discharge Air Sensing Tube	3
	Clogged Filter Switch and Fan Fail Switch	4
	Clogged Filter Switch and Discharge Air Sensing Tube	5
	Fan Fail Switch and Discharge Air Sensing Tube	6
	Clogged Filter Switch and Fan Fail Switches and Discharge Air Sensing Tube	7
	Condensate Drain Pan Overflow Switch	A
	Clogged Filter Switch and Condensate Drain Pan Overflow Switch	B
	Fan Failure Switch and Condensate Drain Pan Overflow Switch	C
	Discharge Air Sensing and Condensate Drain Pan Overflow Switch	D
	Clogged Filter Switch, Fan Failure Switch and Condensate Drain Pan Overflow Switch	E
	Clogged Filter Switch, Discharge Air Sensing Tube and Condensate Drain Pan Overflow Switch	F
	Fan Failure Switch, Discharge Air Sensing Tube and Condensate Drain Pan Overflow Switch	G
	Clogged Filter Switch, Fan Failure Switch, Discharge Air Sensing and Condensate Drain Pan Overflow Switch	H
26	System Monitoring Controls	
	No Monitoring Controls	0
	Demand Control Ventilation (CO2)(8)	A
	Fault Detection and Diagnostics (FDD)	B
	Fault Detection and Diagnostics (FDD) with Demand Control Ventilation	C
27	Unit Hardware Enhancements	
	No Enhancements	0
	Stainless Steel Drain Pan	1
31	Advanced Unit Controls	
	Standard Unit Controls	C
	Human Interface	T

(1) Available on 3-5 ton models.
(2) Blower controls on multi-speed will ship factory wired for low cool, but must be field installed.
(3) High pressure option is available on all units.
(4) Multi-speed direct drive, oversized, or single phase provides 208 Wire size (based on 60Hz/three) 3-7.5 ton (excludes speed direct drive) standard on 10 ton.
(5) Economizer with Barometric Relief is for downflow configured units only. Order Economizer without Barometric Relief for horizontal configurations. Barometric Relief for horizontal configured units must be covered as field installed accessory.
(6) Through the base electric required when selecting disconnect/circuit breaker options.
(7) Requires Unit w/ Disconnect or Circuit Breaker.
(8) Standard metering devices are TXVs.
(9) Crankcase heater will activate before the heat pump can run to prevent liquid refrigerant from entering the compressor when used in conjunction with 3rd party accessories such as duct mounted sensors, economizers and power exhaust. Do not order this option on smoke detectors when using this type of accessory.
(10) Requires Hinged access panels.
(11) Downflow Supply air only available on models 24-60DJ*D, 30DJ*D and 48-60DJ*E. DCH is standard on all other units.
(12) Economizer outside air damper is not available on Multi-Speed or SZ VAV (Single Zone Variable Air Volume) products.
(13) Hinged panels on Multi-speed and SZVAV (Single Zone Variable Air Volume) products.
(14) Multi-speed indoor fan only available on 7.5 ton products.
(15) Demand Control Ventilation Option includes sensor only. The CO2 sensor is a field-installed only option.

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installation Guides and Limited Warranty Handbooks.

Effective 01/18
LC-PRH-1-0E

Packaged Heat Pump Convertible 3-10 Tons (Model Digit Numbers)

Heaters (Digit 18)

kW Rating	Digit	Nominal BTUH	No. Stages	Used With
[illegible]				
[illegible]				
[illegible]				

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Packaged Heat Pump Convertible 3-5 Tons, Electric Heaters

Table LPH-E-A — Accessory Electric Heaters – Unit with Heater is single circuit / single point power entry (3-5 Ton units)

Model Number	Power Supply	kW Rating	Nominal BTUH	No. Stages	Used With
BAYHTRE4.2[illegible]	208-230/3/60	4.2/5.6	12,400/19,100	1	WHC[illegible], WSC036-048H3
BAYHTRE5.6[illegible]	208-230/3/60	5.6/7.5	16,800/25,600	2	WHC036H3, WSC036-048H3
BAYHTRE3[illegible]	460/3/60	6	20500	1	WHC036H4, WSC036-048H4
BAYHTRE4.1[illegible]	460/3/60	12	41000	2	WHC036H4, WSC036-048H4
BAYHTRE[illegible]	575/3/60	6	20500	1	WHC036H5, WSC036-048H5
BAYHTRE[illegible]	575/3/60	12	41000	2	WHC036H5, WSC036-048H5
BAYHTRX[illegible]	208-230/3/60	4.5/6.0	15,400/20,500	1	WHC048-060H3, WSC060H3
BAYHTRX[illegible]	208-230/3/60	9.0/12.0	30,800/41,000	2	WHC048-060H3, WSC060H3
BAYHTRX4.2[illegible]	460/3/60	6	20500	1	WHC048-060H3, WSC060H4
BAYHTRX[illegible]	460/3/60	12	41000	2	WHC048-060H3, WSC060H4
BAYHTRX[illegible]	575/3/60	6	20500	1	WHC048-060H5, WSC060H5
BAYHTRX[illegible]	575/3/60	12	41000	2	WHC048-060H5, WSC060H5
BAYHTRX[illegible]	208-230/3/60	12.1/17.3	41,300/59,100	2	WHC060H3, WSC[illegible]H3
BAYHTRX[illegible]	208-230/1/60	12.1/17.3	41,300/59,100	2	WHC060H3, WSC060H3
BAYHTRX[illegible]	208-230/1/60	17.3/23.0	59,000/78,500	2	WHC060H3, WSC060H3
BAYHTRX4.1[illegible]	460/3/60	17.4	59400	2	WHC036H4, WSC036-048H4
BAYHTRX4.1[illegible]	460/3/60	17.4	59400	2	WHC048-060H4, WSC060H4
BAYHTRX[illegible]	460/3/60	23	78500	2	WHC060H4, WSC060H4
BAYHTRX[illegible]	575/3/60	17.4	59400	2	WHC036H5, WSC036-048H5
BAYHTRX[illegible]	575/3/60	17.4	59400	2	WHC048-060H5, WSC060H5
BAYHTRX[illegible]	575/3/60	23	78500	2	WHC060H5, WSC060H5

Reference Only

For complete equipment / combination specifications, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installation Guides and Limited Warranty Handbooks.

Packaged Heat Pump Convertible 6-10 Tons, Electric Heaters and Zone Sensors

Table LPH-T-A — Accessory Electric Heaters – Unit with Heater is single circuit / single point power entry (6 - 8 1/2 Ton units)

Model Number	Power Supply	kW Rating	Nominal BTUH	No. Stages	Used With
BAYHTRW208A	208-230/3/60	8.8/11.2	30,000/38,200	1	WSC072E3, WSC072H3
BAYHTRW210A	208-230/3/60	13.2/16.9	45,100/57,600	1	WSC090E3, WSC090H3
BAYHTRW227A	208-230/3/60	26.3/27.0	89,800/92,100	2	WSC072E3, WSC072H3
BAYHTRW213A	208-230/3/60	17.6/22.5	60,100/76,800	2	WSC090E3, WSC090H3
BAYHTRW408A	460/3/60	8	30700	1	WSC072E4, WSC072H4
BAYHTRW416A	460/3/60	16	61400	1	WSC090E4, WSC090H4
BAYHTRW427A	460/3/60	27	92100	2	WSC072E4, WSC072H4
BAYHTRW436A	460/3/60	36	122800	2	WSC090E4, WSC090H4
BAYHTRW516A	575/3/60	16	61400	1	WSC090E5, WSC090H5
BAYHTRW527A	575/3/60	27	92100	2	WSC072E5, WSC072H5
BAYHTRW536A	575/3/60	36	122800	2	WSC090E5, WSC090H5
BAYHTRU208A	208-230/3/60	8.8/11.2	30,000/38,200	1	WSC090E3, WSC090H3, WSC120H3
BAYHTRU213A	208-230/3/60	13.2/16.9	45,100/57,600	1	WSC090E3, WSC090H3, WSC120H3
BAYHTRU227A	208-230/3/60	26.3/27.0	89,800/92,100	2	WSC090E3, WSC090H3, WSC120H3
BAYHTRU213A	208-230/3/60	17.6/22.5	60,100/76,800	2	WSC090E3, WSC090H3, WSC120H3
BAYHTRU408A	460/3/60	8	30700	1	WSC090E4, WSC090H4, WSC120H4
BAYHTRU416A	460/3/60	16	61400	1	WSC090E4, WSC090H4, WSC120H4
BAYHTRU427A	460/3/60	27	92100	2	WSC090E4, WSC090H4, WSC120H4
BAYHTRU436A	460/3/60	36	122800	2	WSC090E4, WSC090H4, WSC120H4
BAYHTRU516A	575/3/60	16	61400	1	WSC090E5, WSC090H5, WSC120H5
BAYHTRU527A	575/3/60	27	92100	2	WSC090E5, WSC090H5, WSC120H5
BAYHTRU536A	575/3/60	36	122800	2	WSC090E5, WSC090H5, WSC120H5

Table LPH-T-B — Accessory Electric Heaters - Unit with Heater is single circuit / single point power entry (Select 7 1/2 - 8 1/2 Ton, All 10 Ton units)

Model Number	Power Supply	kW Rating	Nominal BTUH	No. Stages	Used With
BAYHTRB213A	208-230/3/60	13.2/16.9	45,100/57,600	1	WSC120E3
BAYHTRB227A	208-230/3/60	26.3/27.0	89,800/92,100	2	WSC120E3
BAYHTRB213A	208-230/3/60	17.6/22.5	60,100/76,800	2	WSC120E3
BAYHTRB427A	460/3/60	27	92100	2	WSC120E4
BAYHTRB436A	460/3/60	36	122800	2	WSC120E4
BAYHTRB516A	575/3/60	16	61400	1	WSC120E5
BAYHTRB527A	575/3/60	27	92100	2	WSC120E5
BAYHTRB536A	575/3/60	36	122800	2	WSC120E5
BAYHTRA208A	208-230/3/60	8.8/11.2	30,000/38,200	1	WSC090H3, WSC120H3
BAYHTRA213A	208-230/3/60	13.2/16.9	45,100/57,600	1	WSC090H3, WSC120H3, WSC150H3
BAYHTRA227A	208-230/3/60	26.3/27.0	89,800/92,100	2	WSC090H3, WSC120H3, WSC150H3
BAYHTRA213A	208-230/3/60	17.6/22.5	60,100/76,800	2	WSC090H3, WSC120H3, WSC150H3
BAYHTRA408A	460/3/60	8	30700	1	WSC090H4, WSC120H4
BAYHTRA416A	460/3/60	16	61400	1	WSC090H4, WSC120H4, WSC150H4
BAYHTRA427A	460/3/60	27	92100	2	WSC090H4, WSC120H4, WSC150H4
BAYHTRA436A	460/3/60	36	122800	2	WSC090H4, WSC120H4, WSC150H4
BAYHTRA448A	460/3/60	54	184200	2	WSC120H4
BAYHTRW516A	575/3/60	16	61400	1	WSC090H5, WSC120H5, WSC150H5
BAYHTRW527A	575/3/60	27	92100	2	WSC090H5, WSC120H5, WSC150H5
BAYHTRW536A	575/3/60	36	122800	2	WSC090H5, WSC120H5, WSC150H5
BAYHTRW548A	575/3/60	54	184200	2	WSC120H5

For complete equipment / combination assembly, installation instructions and warranty information please refer to Product Data Ratings and/or Installation Guides and Limited Warranty Handbooks.

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Packaged Heat Pump Convertible 3-10 Tons Accessories

Table LPH-8-4 — Accessories

Model Number	Description	Used With
BAYRARC00101	RelaxTel™ Options Module	All WSC036-120E, Not Noted
BAYBARB0304A	Barometric Relief	WSC036-048E
BAYBARB0112A	Barometric Relief	WSC060-120E
BAYBCIR0101	BACnet™ Communication Interface	RelaxTel™ Controller (BCI-R)
BAYCCDK0101	CO2 Sensor Kit, Wall Mounted	All WSC036-120E
BAYCCDK0102	CO2 Sensor Kit, Duct Mounted	All WSC036-120E
BAYCURB0424A	Roof Curb	WSC036-048E
BAYCURB0436A	Roof Curb	WSC060-120E
BAYCURB0448A	Roof Curb	WSC122E
BAYDFSC0101	Dogged Filter Switch (w/Standard & MERV 8 Filter	All WSC036-120E
BAYDFES0104A	Dogged Filter Switch (MERV 13 Filter	All WSC036-120E
BAYDFES0104A	Fan Failure Switch	All WSC036-120E
BAYDMPR0201	0-100% Manual Outside Air Damper	WSC036-048E, WHC036
BAYDMPR0202	0-100% Manual Outside Air Damper	WSC060, 120, WHC048-060
BAYDMPR0101	0-100% Motorized Outside Air Damper	WSC036-048E, WHC036
BAYDMPR0401	0-100% Motorized Outside Air Damper	WSC060, 120, WHC048-060
BAYECON0201	0-100% Economizer without Barometric Relief	WSC036-048, WHC036
BAYECON0401	0-100% Economizer without Barometric Relief	WSC060, 120, WHC048-060
BAYECON0104A	Downflow Low Leak Economizer	WSC060, 120, WHC048-060
BAYECON0102	Downflow Low Leak Economizer	WSC036-048, WHC036
BAYEKTH0104A	Reference Enthalpy Kit	BAYECON0201A, 0101A
BAYEKTH0102	Comparative Enthalpy Kit	BAYECON0201A, 0101A
BAYFREZ0001A	High Temperature Stat	All WSC036-120E
BAYGARD13PA	Condenser Coil Hail Guard	WSC036-048, WHC036
BAYGARD04HC	Condenser Coil Hail Guard	WSC060-072, WHC048-060
BAYGARD04C	Condenser Coil Hail Guard	WSC060, WSC122H
BAYGARD07HC	Condenser Coil Hail Guard	WSC122W

(1) For owners of heat-pump plants to extend applied heating warranty coverage.
(2) Barometric Relief accessory models to be used for thermostat configurations. For Downflow configurations, consult on the unit's Technician Instruction. Please see Installer's Guide for complete instructions.
(3) Low Ambient cooling requires a minimum of one cond fan.
(4) BAYAQSC0101 is required when ordering field installed accessories Dogged Filter Switch (BAYDFES0104A), Fan Fail Switch (BAYDFES0104A), Discharge Air Sensing Kit (BAYDUCT0504A or BAYDUCT0510A) or Evaporator Defrost Control (Frostat) (BAYLOAR0502) (WSC036, Controls Kit (BAYSYSCON0102) unless the following options are factory installed: Frostat, Smoke Detector, Dogged Filter Switch, Fan Failure Switch, Discharge Air Sensing Kit. These factory installed options include the RelaxTel™ Options Module.
(5) Cannot be used in conjunction with factory installed smoke detector.
(6) The thermostat is loose and shipped with the unit, but must be field installed.

Dealer Only

For complete equipment / combination assembly, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installer's Guides and Limited Warranty Handbooks.

Packaged Heat Pump Convertible 3-10 Tons Accessories

Table LPH-S-A — Accessories

Model Number	Description	Used With
BAYHSBT401A	2 HP Belt Drive Oversized Motor	WSC072*3, *4
BAYHSBT401AA	2 HP Belt Drive Oversized Motor	WSC072*W
BAYHSBT402A	3 HP Belt Drive Oversized Motor	WSC092*3, *4
BAYHSBT402AA	3 HP Belt Drive Oversized Motor	WSC092*W
BAYLECR009A	Low Static Drive	WSC[09]
BAYLOAM022EB	Evaporator Defrost Control (Frostat	All WSC036-120E
BAYLTCOM02B7	LonTalk® Communications Interface (LCI)	All WSC036-120E
BAYPWR0070A	Power Exhaust (208-230/3)	WSC036-048*3, WHC036*3
BAYPWR0071A	Power Exhaust (460/3)	WSC036-048*3, WHC036*4
BAYPWR0072A	Power Exhaust (575/3)	WSC036-060E3
BAYPWR0026AA	Power Exhaust (208-230/1)	WSC072-120E3
BAYPWR0027AA	Power Exhaust (460/3)	WSC072-120E4
BAYPWR0028AA	Power Exhaust (575/3)	WSC072-120E5
BAYQACB030A036	Quick Attach Roof Curb	WSC036-048, WHC036
BAYQACB031A036	Quick Attach Roof Curb	WSC036-048,WHC036
BAYQACB011A060	Quick Attach Roof Curb	WSC[09][12]-060, WHC[24][30][36]
BAYQACB012A060	Quick Attach Roof Curb	WSC[09][12]-060, WHC[24][30][36]
BAYQACB013A060	Quick Attach Roof Curb	WSC[09][12]-060,WHC[24][30][36]
BAYQACB011A096	Quick Attach Roof Curb	WSC-096
BAYQACB013A060	Quick Attach Roof Curb	WSC-036
BAYQACB011A060	Quick Attach Roof Curb	WSC-060

(1) Used for hot discharge air ducting in both heating and cooling. Required for factory installed

(2) Low Noise manufacturing has a six before going for the roof curb.

(3) BAYQACB030A adapts Voyager BAYCURB0024 roof curb to accept Performance 3-5 ton unit. BAYQACB031A adapts Voyager BAYCURB0024 roof curb to accept Performance 3A ton unit. BAYQAC011A adapts Voyager BAYCURB0024 roof curb to accept WSC-060. BAYQAC012A adapts Voyager BAYCURB0024 roof curb to accept WSC-060. BAYQAC013A adapts Voyager BAYCURB0024 roof curb to accept WSC-060.

(4) BAYAIRQUALC is required when ordering field installed accessories Dirtcon Filter Rack (BAYFLTR0024C), Fan Fail Switch (BAYSAFS0004), Discharge Air Sensing Kit (BAYTLDS0004A or BAYTLDS0004B) or Evaporator Defrost Control (Frostat) (BAYLOAM022E) installation Controls Kit (BAYCNTR0013E) unless the following options are factory installed: Frostat, Smoke Detector, Dirtcon Filter Rack, Fan Failure Switch, Discharge Air Sensing Kit. (Newer factory installed options include the Humidi-MiZer® System Module.

(5) Interface allows unit to communicate with Trane TCI. Tracker® Network is the preferred method of communication to Trane Summit.

(6) Power Exhaust cannot be used with Optimized Perfect Water Loop option without Barometric Relief.

(7) BAYQACB012A adapts Voyager BAYCURB0024 roof curb to accept Performance 4-5 ton unit. BAYQACB013A adapts Voyager BAYCURB0024 roof curb to accept Performance 4-5 ton unit. BAYQAC012A adapts Voyager BAYCURB0024 roof curb to accept WSC-060.

(8) Field installed accessory. Requires an additional

(9) If any version of compressor or refrigerant antifreeze is required, BAYSOFT001A does not need to be ordered.

(10) Order only when unit has factory installed Outdoor Control Ventilation option.

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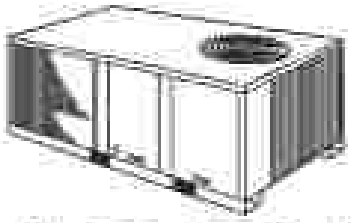
Packaged Heat Pump with ReliaTel™ Controls 12½-20 Tons



12½ – 20 Ton WSD—Downflow
12½ – 20 Ton WSH—Horizontal

- EER up to 11.8
- ReliaTel™ processor control features are listed on page LPC-12
- Built-in anti-short cycle, time-delay relay and minimum on-time control
- 2" filters for 12½ - 20 ton units
- Liquid line drier
- Built-in fork lift holes
- Operating charge of R-410A
- Quick-Seal service panels slide in and out
- Scroll compressor
- Destruct horizontal and downflow designs
- Single-side access
- Single point power for electric heat
- Complete line of optional electric heaters
- Internally enhanced coil tubing
- Low ambient to 0°F standard
- Colored and numbered wiring
- Common (Wide) unit accessories Coming only and Gas/Electric (Heat models)
- Quick-adjust idler arm pulley
- 5-year limited compressor warranty (12½ – 20 tons)

Table LPH-10-2 — Standard — ReliaTel™ Units (R-410A)

Tons	Unit Model No.	Power Supply Volts/Phase/Hz	Performance IEER	Cooling Capacity (Btuh)	Dimensions (in.) H x W x L	Shipping Weight (lbs.)	MCA(1)	Max Fuse Size or Max Circuit Breaker	Downflow Footnote
12½	[illegible]	208-230/3/60	12.0	144,000	55½ x 84½ x 121½	2400	87.2	90	[illegible]
15	[illegible]	208-230/3/60	12.0	177,000	55½ x 84½ x 121½	2400	108	90	[illegible]
20	[illegible]	208-230/3/60	11.8	240,000	55½ x 84½ x 121½	2541	1128	150	[illegible]
12½	[illegible]	460/3/60	12.0	144,000	55½ x 84½ x 121½	2400	42.9	45	[illegible]
15	[illegible]	460/3/60	12.0	177,000	55½ x 84½ x 121½	2400	53.0	60	[illegible]
20	[illegible]	460/3/60	11.8	240,000	55½ x 84½ x 121½	2541	68.0	70	[illegible]
12½	[illegible]	575/3/60	12.0	144,000	55½ x 84½ x 121½	2400	33.0	30	[illegible]
15	[illegible]	575/3/60	12.0	177,000	55½ x 84½ x 121½	2400	39.0	50	[illegible]
20	[illegible]	575/3/60	11.8	240,000	55½ x 84½ x 121½	2541	51.0	60	[illegible]

Tons	Supply Downflow W x L(2)(3)	Return Downflow W x L(2)(3)	Supply Horizontal H x W(3)	Return Horizontal H x W(3)	Curb Size H x W x L(2)(3)	Roof Opening W x L(3)
12½	28½ x 83½	22½ x 77	48½ x 25	48½ x 22½	14 x 81½ x 117½	75 x 81

(1) Dimensions are in Inches. See Outline Dimensions.
(2) Nominal Dimensions.
(3) Measurement Includes Curb Flange.
(4) HACR type circuit breaker per N.E.C.
(5) Information subject to change. (*Please confirm with current Controls) [illegible] Check Price for the moment factory production.
Digit 3 = 5 = Downflow or 3 = Downflow.

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For complete equipment / combination specifications, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installation Guides and Limited Warranty Handbooks.

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Packaged Heat Pump with ReliaTel™ Controls 12½-25 Tons (Model Digit Numbers)

Digit	Description	Order Number
1	**Unit Type**	
	(Ambient Cooling, Electric Heat)	H
2	**Efficiency**	
	(Standard Efficiency)	S
3	**Airflow Configuration**	
	Downflow	D
	Horizontal	H
4-6	**Nominal Gross Cooling Capacity (MBh)**	
	120 Size	120
	150 Size	150
	180 Size	180
	240 Size	240
7	**Major Design Sequence**	
	(Factory Reserved)	A
8	**Voltage Selection**	
	575-3-60Hz	5
	460-3-60Hz	4
	208/230-3-60Hz	W
9	**Unit Controls**	
	ReliaTel™	K
10	**Heating Capacity**	
	No Heat	A
	18 kW Electric Heat	C
	36 kW Electric Heat	E
	54 kW Electric Heat	F
	72 kW Electric Heat	G
11	**Minor Design Sequence**	
12/13	**Service Sequence**	
14	**Fresh Air Selection**	
	No Fresh Air	A
	Manual Damper	B
	Motorized Damper	C
	Economizer Dry Bulb w/Barometric Relief	D
	Economizer Reference Enthalpy w/Barometric Relief	F
	Economizer Comparative Enthalpy w/Barometric Relief	H
	Low Leak Economizer, Dry Bulb with Barometric Relief	K
	Low Leak Economizer, Comparative Enthalpy with Barometric Relief	M
	Low Leak Economizer, Reference Enthalpy with Barometric Relief	P
15	**Supply Fan/Drive Type/Motor**	
	Standard Motor	A
	Oversized Motor	1
	High Efficiency Motor	2
	Single Zone Variable Air Volume Standard Motor	6
	Multi-Speed Standard Motor	7
	Single Zone Variable Air Volume Oversized Motor	8
	Multi-Speed Oversized Motor	9
	Single Zone Variable Air Volume Standard Motor w/Shaft Ground Ring	A
	Multi-Speed Standard Motor w/Shaft Ground Ring	B
	Single Zone Variable Air Volume Oversized Motor w/Shaft Ground Ring	C
	Multi-Speed Oversized Motor w/Shaft Ground Ring	D
16	**Hinged Service Access / Filters**	
	Standard Panels/Standard Filters	0
	Hinged Access/Standard Filters	A
	Standard Panels/MERV 8 Filters	B
	Hinged Access/MERV 8 Filters	C
	Standard Panels/MERV 13 Filters	D
	Hinged Access/MERV 13 Filters	E
17	**Condenser Coil Protection**	
	Standard Coil	0
	Stainless Coil With Post Guard	1
	Black Epoxy Pre-Coated Coil	2
	Black Epoxy Pre-Coated Coil with Post Guard	3
18	**Through the Base Provisions**	
	No Through the Base Provisions	0
	Through the Base Gas/Electric	A
	Through the Base Power	B
	Through the Base Power and Gas/Electric	C
	Through the Base Chilled Water	D
	Through the Base Chilled Water and Gas/Electric	E
	Through the Base Chilled Water and Power	F
	Through the Base Chilled Water, Power and Gas/Electric	G
	Through the Base Condenser Water	H
	Through the Base Condenser Water and Gas/Electric	J
	Through the Base Condenser Water and Power	K
	Through the Base Condenser Water, Power and Gas/Electric	L
	Through the Base Hot Water	M
	Through the Base Hot Water and Gas/Electric	N
	Through the Base Hot Water and Power	P
	Through the Base Hot Water, Power and Gas/Electric	Q
	Through the Base Steam	R
	Through the Base Steam and Gas/Electric	S
	Through the Base Steam and Power	T
	Through the Base Steam, Power and Gas/Electric	U

Digit	Description	Order Number
19	**Disconnect Switch/Circuit Breaker**	
	No Disconnect/Circuit Breaker	0
	Unit Mounted Non-Fused Disconnect Switch	5
	Unit Mounted Circuit Breaker	6
20	**Convenience Outlet Option**	
	Without Convenience Outlet	0
	Unpowered Convenience Outlet	A
	Powered Convenience Outlet	B
21	**Communications Options**	
	Without Communications Options	0
	Building Automation Control Network Communications Interface	F
22	**Refrigeration System Option**	
	Standard Refrigeration System	0
23	**Refrigeration Controls**	
	Without Refrigeration Controls	0
	Hot Gas Reheat	1
24	**Smoke Detector**	
	Without Smoke Detector	0
	Return Air Smoke Detector	A
	Supply Air Smoke Detector	B
	Return and Supply Air Smoke Detectors	C
	Plenum Smoke Detector	D
25	**System Monitoring Controls**	
	No Monitoring Controls	0
	Compressor Status	1
	Fan Failure Switch	2
	Discharge Air Sensing	3
	Dogged Filter Switch and Fan Failure	4
	Dogged Filter Switch and Discharge Air Sensing	5
	Fan Failure Switch and Discharge Air Sensing	6
	Dogged Filter Switch, Fan Failure Switch and Discharge Air Sensing	7
	Condensate Drain Pan Overflow Switch	8
	Dogged Filter Switch and Condensate Drain Pan Overflow Switch	9
	Fan Failure Switch and Condensate Drain Pan Overflow Switch	C
	Discharge Air Sensing and Condensate Drain Pan Overflow Switch	D
	Dogged Filter Switch, Fan Failure Switch and Condensate Drain Pan Overflow Switch	E
	Dogged Filter Switch, Discharge Air Sensing, Fan Failure Switch and Condensate Drain Pan Overflow Switch	F
	Fan Failure Switch, Discharge Air Sensing Switch and Condensate Drain Pan Overflow Switch	G
	Dogged Filter Switch, Fan Failure Switch, Discharge Air Sensing and Condensate Drain Pan Overflow Switch	H
26	**System Monitoring Controls**	
	No Monitoring Controls	0
	Compressor Protection (CDEF)	A
	Fault Detection and Diagnostics (FDD)	B
	Fault Detection and Diagnostics (FDD) with Constant Control Ventilation	C
27	**Unit Hardware Enhancements**	
	No Enhancements	0
	Stainless Steel Drain Pan	1
28	**Short Circuit Current Rating (SCCR)**	
	Standard SCCR	0
	65 kA SCCR	A
31	**Advanced Unit Controls**	
	Standard Unit Controls	0
	Human Interface	1

Note: Most Factory Installed Options available for Downflow Air Discharge units only. Please verify with ordering system for availability.

(2) Constant Control Ventilation Option requires wiring and a Thermostat or a field-installed sensor.

For complete equipment / combination assistance, installation instructions and warranty information, please refer to Product Data Ratings and/or Installation, Owners and Limited Warranty Handbooks.

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HEATING & AIR CONDITIONING

Packaged Heat Pump with ReliaTel™ Controls 12½-20 Tons Zone Sensors

Table LPH-12-A — Zone Sensors

Model Number	Description	Used With
ASYST[illegible]7[illegible]A	Single Setpoint Manual Changeover	WC*155-240
ASYST[illegible]7[illegible]A	Dual Setpoint Manual or Automatic Changeover	WC*100-240
ASYST[illegible]7[illegible]A	Remote Room Sensor	ASYST[illegible]7[illegible]A
ASYST[illegible]7[illegible]A	Programmable Night Setback	WC*100-240
[illegible]MTPL[illegible]A	Retrofit Wall Cover Plate Kit 7.25" x 5.5"	ASYST[illegible]7[illegible]A
[illegible]	Title 24 Zone Sensor	[illegible]

[illegible] Must be used with ReliaTel™ Control and BCI Communications Interface

Read Only

Packaged Heat Pump with ReliaTel™ Controls 12½-20 Tons Accessories

Table LPH-13-6 — Field Installed Accessories

Model Number	Description	Used With
BAYKSRDO[illegible]	ReliaTel™ Options Module	All Voyager Heat Pumps
BAYKCPR001A	Comm5™ Communication Interface	ReliaTel™ Controller (BCHP)
BAYCODK[illegible]	CO_2 Sensor Wall Mounted	All Voyager Heat Pumps w/Economizers
BAYCODK[illegible]	CO_2 Sensor Duct Mounted	All Voyager Heat Pumps w/Economizers
BAYCURB[illegible]	Downflow Only Roof Curb [1]	WSC150E-240E
BAYDFPS[illegible]	Clogged Filter Switch (MERV 7)	WSH150E-240E [2]
BAYDFPS[illegible]	Fan Failure Switch	WSH150E-240E [2]
BAYDFPS[illegible]	Clogged Filter Switch (MERV 13)	WSH150E-240E
BAYDMPR[illegible]	0-20% Manual Outside Air Damper	All Packaged Rooftops 12½-20 Tons
BAYDMPR[illegible]	0-30% Motorized Outside Air Damper	WSH150E-240E
BAYECONR[illegible]	Downflow Economizer with Barometric Relief	WSC150E-240E
BAYECONH[illegible]	Horizontal Economizer	WSH150E-240E
BAYECONLP[illegible]	Downflow Low Leak Economizer	WSC150E-240E
BAYENTH[illegible]	Reference Enthalpy Kit	All BAYECONH[illegible]
BAYENTH[illegible]	Comparative Enthalpy Kit	All BAYECONH[illegible]
BAYFRST[illegible]	High Temperature Stat	WSH150E-240E
BAYGARD[illegible]	Tool-less Hail Guard	WSC150E, WSH150E
BAYGARD[illegible]	Tool-less Hail Guard	WSH240E
BAYHSCR[illegible]	High Static Drive	WSH150E-240E [3]
BAYHSMT[illegible]	5HP OVERSIZED MOTOR KIT (208-230/460/[illegible])	WSH150E, WSH180E
BAYHSMT[illegible]	5HP OVERSIZED MOTOR KIT (575)	WSH150E, WSH180E
BAYHSMT[illegible]	7.5HP OVERSIZED MOTOR KIT (208-230)	WSH240E
BAYHSMT[illegible]	7.5HP OVERSIZED MOTOR KIT (460)	WSH240E
BAYHSMT[illegible]	7.5HP OVERSIZED MOTOR KIT ([illegible])	WSH240E
BAYLOAM[illegible]	Evaporator Defrost Control (Preset)	WSH150E, WSH180E
BAYLOAM[illegible]	Evaporator Defrost Control	WSH240E
BAYLSCR[illegible]	Low Static Drive	WSH240E
BAYLSCR[illegible]	Low Static Drive	WSH150E, WSH180E
BAYPWRX[illegible]	Power Exhaust (Direct Drive) 12½-20 Ton 230V units	Downflow Only
BAYPWRX[illegible]	Power Exhaust (Belt Drive) 12½-20 Ton 460V units	Downflow Only
BAYPWRX[illegible]	Power Exhaust (Belt Drive) 12½-20 Ton 575V units	Downflow Only
BAYSADB[illegible]	Adapter Curb	BAYCURB[illegible] to BAYCURB[illegible]
BAYSERV[illegible]	Selective Resistance Service Tester	All Voyager 12½-20 Tons
BAYSTAT[illegible]	Remote Potentiometer	All BAYECONH[illegible]
BAYTUBE[illegible]	Discharge Air Sensing Kit	All Voyager 12½-20 Tons Downflow
BAYTUBE[illegible]	Discharge Air Sensing Kit	All Voyager 12½-20 Tons Horizontal
BAYVNCR[illegible]	Ventilation Override Kit	WSH150-240E w/ReliaTel™ Options Module

(1) High static drive and oversized motors are not available on Curb Combos.
(2) Used for more discharge air sensing to shut heating and cooling down.
(3) Centrifugal fans discharging from a downflow position for this heat unit.
(4) For downflow use only. Can not be adapted for horizontal units.
(5) BAYAIRFOILS is included when ordering field installed accessories BAYCFTOOM or OSM, BAYTRUSS08 or 09M and BAYLOAM01A. BAYLOAM01A is BAYWIND0508.
(6) Field or factory installed options.
(7) Field installed enclosure's requirements are accountable.
* Price/value subject to change. Please confirm with Current Product Data/Service Facts for current factory production.

Preliminary

For complete equipment / combination applications, installation instructions and warranty information, please refer to Product Data Ratings and/or Installation, Owners and Limited Warranty Handbooks.

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HEATING & AIR CONDITIONING

Packaged Heat Pump with ReliaTel™ Controls 12½-20 Tons Heaters

Table LPH-14-A — Downflow Supplementary Heaters:

Model Number	Power Supply	kW Rating	BTUH	Nominal Stages	Used With
AYDH[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AYDH[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AYDH[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AYDH[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AYDH[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AYDH[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AYDH[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AYDH[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AYDH[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AYDH[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AYDH[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AYDH[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AYDH[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AYDH[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AYDH[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AYDH[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Table LPH-14-B — Horizontal Supplementary Heaters:

Model Number	Power Supply	kW Rating	BTUH	Nominal Stages	Used With
AYHH[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AYHH[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AYHH[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AYHH[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AYHH[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AYHH[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AYHH[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AYHH[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AYHH[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AYHH[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AYHH[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AYHH[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AYHH[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AYHH[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AYHH[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Note: Unit with heater is single circuit single point.

See ReliaTel™ and Micro Control features on LPC-12 and LPC-13.

For complete equipment / combination specifications, installation instructions and warranty information, please refer to Product Data Ratings and/or Installation Guides and Limited Warranty Handbooks.

Effective 01/18
14-01511-05

BUILT TO A HIGHER STANDARD

American Standard.

HEATING & AIR CONDITIONING

Packaged Gas/Electric Convertible 3-10 Tons

Beveled Top
Smoother Design
Small compact cabinet
Recessed access handles

Standard Features:

- American Standard Heating & Air Conditioning scroll compressors on all 3-10 ton units
- Colored and numbered wiring
- Phase Monitor, R-410A, 3 Phase Units
- Provisions for through the Base Gas and Condensate Drain Connections
- 2" throwaway filters provided on all units
- Liquid Line Refrigerant Drier
- Operating Charge of R-410A
- IAQ Sloped Drain Pans
- Low Ambient to 40°F on Electromechanical models
- Low Ambient to 0°F on ReliaTel™ models
- 5 - year Limited Compressor Warranty
- 5 - year Limited Heat Exchanger Warranty
- 1 - year Limited Parts Warranty

Added Flexibility

- Electromechanical or ReliaTel™ controls **(See page LPC-12 for ReliaTel™ Control Information)**
- Standard or high efficiency cooling models available. 17+ available in 3T to 5T. For reference to 17+ please refer to publications RT-PRC048-EN and RT-SLB020-EN.
- Low, medium or high heat, single or two stage
- Convertible airflow
- Fork lift openings on three sides of unit
- Direct or belt drive - standard or oversized motors
- We don't prepackage options
- Choose options tailored to suit each job — pay only for what is needed
- Units ship with options installed — and within our standard ship cycle time

Factory Installed Options

- Through the Base — Electrical
- Convenience Outlet — Powered or unpowered
- Unit Disconnect Switch
- Circuit Breaker
- Smoke Detectors — Supply, return, or both
- Condenser Coil Coating
- Hinged Access Service Panels
- Discharge Air Sensor
- Fan Fail and Clogged Filter Switches
- Condenser Coil Guard — Hail Protection Quality
- Hot Gas Reheat Coil - Dehumidification (High Efficiency Units Only)
- Expansion valve and split face evaporator coil
- Noise Controls
- Comm 3/4 Communications Interface
- BACnet™ Communications Interface
- 2" Pleated Media filters (MERV 6 & 12)
- Frostat
- Multi-Speed & Single Zone VAV ID Airflow
- Demand Control Ventilation
- Stainless Steel Drainpan
- Condensate Drainpan Overflow Switch

Read Only

The same American Standard Heating & Air Conditioning Quality and Reliability ... with added Flexibility!

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

Effective 1/1/18
14-1014-25

Packaged Gas/Electric Convertible 3-5 Tons, 17 SEER, R-410A

Table LPG-2-A — 17 Plus - R-410A - RattleTel™ Controls Only

Tons	Unit Ordering No.	Performance SEER	Cooling Capacity (Btuh)	Heating Output Capacity (Btuh)	E.S. Furnace EF%	Cabinet Dimensions (in.) H x W x D	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA*	Max. Fuse*
YHC - 288-288/288 - Three Phase - Low Heat											
3	YHC037E3RLA0000	17.5	36,500	48,000	78	59 x 44 x 33	16 x 15.5	24 x 14	678	23.3	30
4	YHC047E3RLA0000	17.5	46,500	48,000	80	41 x 53 x 68	33 x 17.5	22 x 17.5	808	29.4	40
5	YHC060E3RLA0000	17.2	60,000	48,000	80	41 x 53 x 68	33 x 17.5	22 x 17.5	917	32.2	45
YHC - 460-460/460 - Three Phase - Low Heat											
3	YHC037E4RLA0000	17.5	36,500	48,000	78	59 x 44 x 33	16 x 15.5	24 x 14	678	11.4	15
4	YHC047E4RLA0000	17.5	46,500	48,000	80	41 x 53 x 68	33 x 17.5	22 x 17.5	808	15.2	20
5	YHC060E4RLA0000	17.2	60,000	48,000	80	41 x 53 x 68	33 x 17.5	22 x 17.5	917	32.2	35
YHC - 575-575/575 - Three Phase - Low Heat											
3	YHC037E5RLA0000	17.5	36,500	48,000	78	59 x 44 x 33	16 x 15.5	24 x 14	678	8.7	15
4	YHC047E5RLA0000	17.5	46,500	48,000	80	41 x 53 x 68	33 x 17.5	22 x 17.5	808	10.4	15
5	YHC060E5RLA0000	17.2	60,000	48,000	80	41 x 53 x 68	33 x 17.5	22 x 17.5	917	11.2	15
YHC - 288-288/288 - Three Phase - Medium Heat											
3	YHC037E3RMA0000	17.5	36,500	64,000	78	59 x 44 x 33	16 x 15.5	24 x 14	678	23.3	30
4	YHC047E3RMA0000	17.5	46,500	64,000	80	41 x 53 x 68	33 x 17.5	22 x 17.5	808	29.4	40
5	YHC060E3RMA0000	17.2	60,000	64,000	80	41 x 53 x 68	33 x 17.5	22 x 17.5	917	32.2	45
YHC - 460-460/460 - Three Phase - Medium Heat											
3	YHC037E4RMA0000	17.5	36,500	64,000	78	59 x 44 x 33	16 x 15.5	24 x 14	678	11.4	15
4	YHC047E4RMA0000	17.5	46,500	64,000	80	41 x 53 x 68	33 x 17.5	22 x 17.5	808	15.2	20
5	YHC060E4RMA0000	17.2	60,000	64,000	80	41 x 53 x 68	33 x 17.5	22 x 17.5	917	32.2	20
YHC - 575-575/575 - Three Phase - Medium Heat											
3	YHC037E5RMA0000	17.5	36,500	64,000	78	59 x 44 x 33	16 x 15.5	24 x 14	678	8.7	15
4	YHC047E5RMA0000	17.5	46,500	64,000	80	41 x 53 x 68	33 x 17.5	22 x 17.5	808	10.4	15
5	YHC060E5RMA0000	17.2	60,000	64,000	80	41 x 53 x 68	33 x 17.5	22 x 17.5	917	11.2	15
YHC - 288-288/288 - Three Phase - High Heat											
3	YHC037E3RMA0000	17.5	36,500	80,000	78	59 x 44 x 33	16 x 15.5	24 x 14	678	23.3	30
4	YHC047E3RMA0000	17.5	46,500	80,000	80	41 x 53 x 68	33 x 17.5	22 x 17.5	808	29.4	40
5	YHC060E3RMA0000	17.2	60,000	104,000	80	41 x 53 x 68	33 x 17.5	22 x 17.5	917	32.2	45
YHC - 460-460/460 - Three Phase - High Heat											
3	YHC037E4RMA0000	17.5	36,500	80,000	78	59 x 44 x 33	16 x 15.5	24 x 14	678	11.4	15
4	YHC047E4RMA0000	17.5	46,500	80,000	80	41 x 53 x 68	33 x 17.5	22 x 17.5	808	15.2	20
5	YHC060E4RMA0000	17.2	60,000	104,000	80	41 x 53 x 68	33 x 17.5	22 x 17.5	917	32.2	20
YHC - 575-575/575 - Three Phase - High Heat											
3	YHC037E5RMA0000	17.5	36,500	80,000	78	59 x 44 x 33	16 x 15.5	24 x 14	678	8.7	15
4	YHC047E5RMA0000	17.5	46,500	80,000	80	41 x 53 x 68	33 x 17.5	22 x 17.5	808	10.4	15
5	YHC060E5RMA0000	17.2	60,000	104,000	80	41 x 53 x 68	33 x 17.5	22 x 17.5	917	11.2	15

(1) Downflow Airflow/Horizontal Airflow

** Information subject to change. Please confirm with current Product Data/Service Facts for most factory provisions.

Light Commercial Packaged Gas/Electric

For complete equipment / combination specifications, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installation Guides and Limited Warranty Handbooks.

Packaged Gas/Electric Convertible 3-5 Tons, 15 SEER, R-410A

Table LPG-2.4 - Base Unit - 15 SEER High Efficiency - Electromechanical or ReliaTel™

Tons	Unit Ordering No.	Performance SEER	Cooling Capacity (Btuh)	Heating Output / Capacity (Btuh)	EER/IEER Ratings EER	Cabinet Dimensions (in.) H x W x L	Supply/Flow Tonnage	Supply/Flow Return	Shipping Weight (lbs.)	MCA*	Max. Fuse*
YHC - 208-230/1/60 - Single Phase - Low Heat											
3	YHC036E2*LB0000	15.2	36,400	40,200	31	35 x 44 x 89	16 x 15.5	24 x 14	555	28.7	40
4	YHC048F2*LB0000	15.0	46,200	49,200	31	41 x 53 x 89	20 x 17.5	22 x 17.5	708	35.7	50
5	YHC060F2*LB0000	15.0	61,200	62,400	31	41 x 53 x 89	24 x 17.5	22 x 17.5	820	43.6	70
YHC - 208-230/3/60 - Three Phase - Low Heat											
3	YHC036E2*LA0000	15.0	37,500	40,200	79	35 x 44 x 89	16 x 15.5	24 x 14	637	21.0	30
4	YHC048F2*LA0000	15.0	47,200	49,200	80	41 x 53 x 89	20 x 17.5	22 x 17.5	800	28.3	40
5	YHC060F2*LA0000	15.0	61,000	62,000	80	41 x 53 x 89	24 x 17.5	22 x 17.5	894	32.7	45
YHC - 460/3/60 - Three Phase - Low Heat											
3	YHC036E4*LA0000	15.0	37,500	40,200	79	35 x 44 x 89	16 x 15.5	24 x 14	637	10.2	15
4	YHC048F4*LA0000	15.0	47,200	49,200	80	41 x 53 x 89	20 x 17.5	22 x 17.5	800	13.8	20
5	YHC060F4*LA0000	15.0	61,000	62,000	80	41 x 53 x 89	24 x 17.5	22 x 17.5	894	17.2	20
YHC - 575/3/60 - Three Phase - Low Heat											
3	YHC036E5*LA0000	15.0	37,500	40,200	79	35 x 44 x 89	16 x 15.5	24 x 14	637	7.9	15
4	YHC048F5*LA0000	15.0	47,200	49,200	80	41 x 53 x 89	20 x 17.5	22 x 17.5	800	10.8	15
5	YHC060F5*LA0000	15.0	61,000	62,000	80	41 x 53 x 89	24 x 17.5	22 x 17.5	894	13.2	15
YHC - 208-230/1/60 - Single Phase - Medium Heat											
3	YHC036E2*MB0000	15.2	36,400	65,600	31	35 x 44 x 89	16 x 15.5	24 x 14	555	28.7	40
4	YHC048F2*MB0000	15.0	46,200	66,400	31	41 x 53 x 89	20 x 17.5	22 x 17.5	708	35.7	50
5	YHC060F2*MB0000	15.0	61,200	85,000	31	41 x 53 x 89	24 x 17.5	22 x 17.5	820	43.6	70
YHC - 208-230/3/60 - Three Phase - Medium Heat											
3	YHC036E2*MA0000	15.0	37,500	65,600	79	35 x 44 x 89	16 x 15.5	24 x 14	637	21.0	30
4	YHC048F2*MA0000	15.0	47,200	66,400	79	41 x 53 x 89	20 x 17.5	22 x 17.5	800	28.3	40
5	YHC060F2*MA0000	15.0	61,000	85,000	79	41 x 53 x 89	24 x 17.5	22 x 17.5	894	32.7	45
YHC - 460/3/60 - Three Phase - Medium Heat											
3	YHC036E4*MA0000	15.0	37,500	64,000	79	35 x 44 x 89	16 x 15.5	24 x 14	637	10.2	15
4	YHC048F4*MA0000	15.0	47,200	64,000	79	41 x 53 x 89	20 x 17.5	22 x 17.5	800	13.8	20
5	YHC060F4*MA0000	15.0	61,000	64,000	79	41 x 53 x 89	24 x 17.5	22 x 17.5	894	17.2	20
YHC - 575/3/60 - Three Phase - Medium Heat											
3	YHC036E5*MA0000	15.0	37,500	64,000	79	35 x 44 x 89	16 x 15.5	24 x 14	637	7.9	15
4	YHC048F5*MA0000	15.0	47,200	64,000	79	41 x 53 x 89	20 x 17.5	22 x 17.5	800	10.8	15
5	YHC060F5*MA0000	15.0	61,000	64,000	79	41 x 53 x 89	24 x 17.5	22 x 17.5	894	13.2	15
YHC - 208-230/1/60 - Single Phase - High Heat											
3	YHC036E2*HB0000	15.2	36,400	82,000	31	35 x 44 x 89	16 x 15.5	24 x 14	555	28.7	40
4	YHC048F2*HB0000	15.0	46,200	82,400	31	41 x 53 x 89	20 x 17.5	22 x 17.5	708	35.7	50
5	YHC060F2*HB0000	15.0	61,200	106,000	31	41 x 53 x 89	24 x 17.5	22 x 17.5	820	43.6	70
YHC - 208-230/3/60 - Three Phase - High Heat											
3	YHC036E2*HA0000	15.0	37,500	80,000	79	35 x 44 x 89	16 x 15.5	24 x 14	637	21.0	30
4	YHC048F2*HA0000	15.0	47,200	82,000	79	41 x 53 x 89	20 x 17.5	22 x 17.5	800	28.4	40
5	YHC060F2*HA0000	15.0	61,000	104,000	80	41 x 53 x 89	24 x 17.5	22 x 17.5	917	32.2	45
YHC - 460/3/60 - Three Phase - High Heat											
3	YHC036E4*HA0000	15.0	37,500	80,000	79	35 x 44 x 89	16 x 15.5	24 x 14	637	10.2	15
4	YHC048F4*HA0000	15.0	47,200	82,000	79	41 x 53 x 89	20 x 17.5	22 x 17.5	800	13.8	20
5	YHC060F4*HA0000	15.0	61,000	104,000	80	41 x 53 x 89	24 x 17.5	22 x 17.5	917	16.2	20
YHC - 575/3/60 - Three Phase - High Heat											
3	YHC036E5*HA0000	15.0	37,500	80,000	79	35 x 44 x 89	16 x 15.5	24 x 14	637	7.9	15
4	YHC048F5*HA0000	15.0	47,200	82,000	79	41 x 53 x 89	20 x 17.5	22 x 17.5	800	10.8	15
5	YHC060F5*HA0000	15.0	61,000	104,000	80	41 x 53 x 89	24 x 17.5	22 x 17.5	917	10.2	15

(1) Downflow Airflow/Horizontal Airflow

* - Digit 5 of Electromechanical or ReliaTel™

** - Information subject to change. Please confirm with current Product Data/Service Facts for correct factory production.

For complete equipment / combination applications, installation instructions and warranty information, please refer to Product Data Ratings and/or Installation Guides and Limited Warranty Handbooks.

Packaged Gas/Electric Convertible 3-5 Tons, 14 SEER, R-410A

Table LPG-4-A - Base Unit - 14 SEER - Electromechanical or RelayTel™

Tons	Unit Ordering No.	Performance SEER	Cooling Capacity (Btuh)	Heating Output / Capacity Unit (Btuh)	AFUE%	Cabinet Dimensions (in.) H x W x L	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA*	MOP*
YSC - 208/230/1/60 - Three Phase - Low Heat											
3	YSC036E3*LB0000	14.0	37,000	34,000/60,000	82	41 x 44 x 69	18 x 13.5	24 x 14	377	15.9	30
4	YSC048E3*LB0000	14.0	43,200	58,000/80,000	82	41 x 44 x 69	18 x 13.5	24 x 14	388	20.4	30
5	YSC060E3*LB0000	14.0	55,000	58,000/80,000	82	41 x 44 x 69	18 x 13.5	24 x 14	427	25.2	40
YSC - 460/3/60 - Three Phase - Low Heat											
3	YSC036E4*LB0000	14.0	37,000	34,000/60,000	82	41 x 44 x 69	18 x 13.5	24 x 14	377	8.5	15
4	YSC048E4*LB0000	14.0	43,200	58,000/80,000	82	41 x 44 x 69	18 x 13.5	24 x 14	388	11	15
5	YSC060E4*LB0000	14.0	55,000	58,000/80,000	82	41 x 44 x 69	18 x 13.5	24 x 14	427	12	15
YSC - 575/3/60 - Three Phase - Low Heat											
3	YSC036E5*LB0000	14.0	37,000	58,000/80,000	82	41 x 44 x 69	18 x 13.5	24 x 14	377	7.5	15
4	YSC048E5*LB0000	14.0	43,200	58,000/80,000	82	41 x 44 x 69	18 x 13.5	24 x 14	388	9.6	15
5	YSC060E5*LB0000	14.0	55,000	58,000/80,000	82	41 x 44 x 69	18 x 13.5	24 x 14	427	9.6	15
YSC - 208/230/1/60 - Three Phase - Medium Heat											
3	YSC036E3*MB0000	14.0	37,000	70,000/100,000	82	41 x 44 x 69	18 x 13.5	24 x 14	377	15.9	30
4	YSC048E3*MB0000	14.0	43,200	70,000/100,000	82	41 x 44 x 69	18 x 13.5	24 x 14	388	20.4	30
5	YSC060E3*MB0000	14.0	55,000	70,000/100,000	82	41 x 44 x 69	18 x 13.5	24 x 14	427	25.2	40
YSC - 460/3/60 - Three Phase - Medium Heat											
3	YSC036E4*MB0000	14.0	37,000	70,000/100,000	82	41 x 44 x 69	18 x 13.5	24 x 14	377	8.5	15
4	YSC048E4*MB0000	14.0	43,200	70,000/100,000	82	41 x 44 x 69	18 x 13.5	24 x 14	388	11	15
5	YSC060E4*MB0000	14.0	55,000	70,000/100,000	82	41 x 44 x 69	18 x 13.5	24 x 14	427	12	15
YSC - 575/3/60 - Three Phase - Medium Heat											
3	YSC036E5*MB0000	14.0	37,000	70,000/100,000	82	41 x 44 x 69	18 x 13.5	24 x 14	377	7.5	15
4	YSC048E5*MB0000	14.0	43,200	70,000/100,000	82	41 x 44 x 69	18 x 13.5	24 x 14	388	9.6	15
5	YSC060E5*MB0000	14.0	55,000	70,000/100,000	82	41 x 44 x 69	18 x 13.5	24 x 14	427	9.6	15
YSC - 208/230/1/60 - Three Phase - High Heat											
3	YSC036E3*HB0000	14.0	37,000	94,000/125,000	82	41 x 44 x 69	18 x 13.5	24 x 14	377	15.9	30
4	YSC048E3*HB0000	14.0	43,200	94,000/125,000	82	41 x 44 x 69	18 x 13.5	24 x 14	388	20.4	30
5	YSC060E3*HB0000	14.0	55,000	94,000/125,000	82	41 x 44 x 69	18 x 13.5	24 x 14	427	25.2	40
YSC - 460/3/60 - Three Phase - High Heat											
3	YSC036E4*HB0000	14.0	37,000	94,000/125,000	82	41 x 44 x 69	18 x 13.5	24 x 14	377	8.5	15
4	YSC048E4*HB0000	14.0	43,200	94,000/125,000	82	41 x 44 x 69	18 x 13.5	24 x 14	388	11	15
5	YSC060E4*HB0000	14.0	55,000	94,000/125,000	82	41 x 44 x 69	18 x 13.5	24 x 14	427	12	15
YSC - 575/3/60 - Three Phase - High Heat											
3	YSC036E5*HB0000	14.0	37,000	94,000/125,000	82	41 x 44 x 69	18 x 13.5	24 x 14	377	7.5	15
4	YSC048E5*HB0000	14.0	43,200	94,000/125,000	82	41 x 44 x 69	18 x 13.5	24 x 14	388	9.6	15
5	YSC060E5*HB0000	14.0	55,000	94,000/125,000	82	41 x 44 x 69	18 x 13.5	24 x 14	427	9.6	15

(1) Downflow Airflow/Nominal Airflow

* High S/C Electromechanical or RelayTel™.

** Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

For complete equipment / combination specifications, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installation Guides and Limited Warranty Handbooks.

BUILT TO A HIGHER STANDARD

American Standard

HEATING & AIR CONDITIONING

Packaged Gas/Electric Convertible 6-10 Tons, High Efficiency, R-410A

Table LPG-6-A — Base Unit — High Efficiency — Electromechanical or RattleTel™

Tons	Unit Ordering No.	Performance EER	Cooling Capacity (Btuh)	Heating Output Capacity (Btuh)	AFUE%	Cabinet Dimensions (in.) H x W x L	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA*	Max. Fuse**
YHC - 208/230/1/60 - Three Phase - Low Heat											
5	YHC060F3*LA0000	14.5	72,000	64,800	80	47 x 53 x 88	33 x 17.5	32 x 17.5	997	33.8	50
6	YHC074F3*LA0000	15.3	73,000	64,800	81	47 x 53 x 88	33 x 17.5	32 x 17.5	1114	37.4	50
7 ½	YHC092F3*LA0000	14.5	92,000	96,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	41.9	50
8 ½	YHC102F3*LA0000	14.7	103,000	96,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	42.5	50
10	YHC120F3*LA0000	14.7	119,000	120,000	80	51 x 63 x 105	33 x 17.5	32 x 17.5	1553	50.3	60
YHC - 460/1/60 - Three Phase - Low Heat											
5	YHC072F4*LA0000	14.5	72,000	64,800	80	47 x 53 x 88	33 x 17.5	32 x 17.5	997	16.3	25
6	YHC074F4*LA0000	15.3	73,000	64,800	81	47 x 53 x 88	33 x 17.5	32 x 17.5	1114	18.7	25
7 ½	YHC092F4*LA0000	14.5	92,000	96,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	20.9	25
8 ½	YHC102F4*LA0000	14.7	103,000	96,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	21.5	25
10	YHC120F4*LA0000	14.7	119,000	120,000	80	51 x 63 x 105	33 x 17.5	32 x 17.5	1553	24.9	30
YHC - 575/3/60 - Three Phase - Low Heat											
5	YHC072F5*LA0000	14.5	72,000	64,800	80	47 x 53 x 88	33 x 17.5	32 x 17.5	997	12.7	15
7 ½	YHC092F5*LA0000	15.3	92,000	96,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	15.6	20
8 ½	YHC102F5*LA0000	14.5	103,000	96,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	16.5	20
10	YHC120F5*LA0000	14.7	119,000	120,000	80	51 x 63 x 105	33 x 17.5	32 x 17.5	1553	19.4	25
YHC - 208/230/1/60 - Three Phase - Medium Heat											
5	YHC072F3*MA0000	14.5	72,000	96,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	997	33.8	50
6	YHC074F3*MA0000	15.3	73,000	97,200	81	47 x 53 x 88	33 x 17.5	32 x 17.5	1114	37.4	50
7 ½	YHC092F3*MA0000	14.5	92,000	120,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	41.9	50
8 ½	YHC102F3*MA0000	14.7	103,000	120,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	42.5	50
10	YHC120F3*MA0000	14.7	119,000	160,000	80	51 x 63 x 105	33 x 17.5	32 x 17.5	1553	50.3	60
YHC - 460/3/60 - Three Phase - Medium Heat											
5	YHC072F4*MA0000	14.5	72,000	96,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	997	16.3	25
6	YHC074F4*MA0000	15.3	73,000	97,200	81	47 x 53 x 88	33 x 17.5	32 x 17.5	1114	18.7	25
7 ½	YHC092F4*MA0000	14.5	92,000	120,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	20.9	25
8 ½	YHC102F4*MA0000	14.7	103,000	120,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	21.5	25
10	YHC120F4*MA0000	14.7	119,000	160,000	80	51 x 63 x 105	33 x 17.5	32 x 17.5	1553	24.9	30
YHC - 575/3/60 - Three Phase - Medium Heat											
5	YHC072F5*MA0000	14.5	72,000	96,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	997	12.7	15
7 ½	YHC092F5*MA0000	15.3	92,000	120,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	15.6	20
8 ½	YHC102F5*MA0000	14.5	103,000	120,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	16.5	20
10	YHC120F5*MA0000	14.7	119,000	160,000	80	51 x 63 x 105	33 x 17.5	32 x 17.5	1553	19.4	25
YHC - 208/230/1/60 - Single Phase - High Heat											
5	YHC072F3*HA0000	14.5	72,000	120,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	997	33.8	50
6	YHC074F3*HA0000	15.3	73,000	121,500/83,000	81	47 x 53 x 88	33 x 17.5	32 x 17.5	1114	37.4	50
7 ½	YHC092F3*HA0000	14.5	92,000	120,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	41.9	50
8 ½	YHC102F3*HA0000	14.7	103,000	160,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	42.5	50
10	YHC120F3*HA0000	14.7	119,000	200,000	80	51 x 63 x 105	33 x 17.5	32 x 17.5	1553	50.3	60
YHC - 208/230/3/60 - Three Phase - High Heat											
5	YHC072F4*HA0000	14.5	72,000	120,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	997	16.3	25
6	YHC074F4*HA0000	15.3	73,000	121,500/83,000	81	47 x 53 x 88	33 x 17.5	32 x 17.5	1114	18.7	25
7 ½	YHC092F4*HA0000	14.5	92,000	120,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	20.9	25
8 ½	YHC102F4*HA0000	14.7	103,000	160,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	21.5	25
10	YHC120F4*HA0000	14.7	119,000	200,000	80	51 x 63 x 105	33 x 17.5	32 x 17.5	1553	24.9	30
YHC - 575/3/60 - Three Phase - High Heat											
5	YHC072F5*HA0000	14.5	72,000	120,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	997	12.7	15
7 ½	YHC092F5*HA0000	15.3	92,000	120,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	15.6	20
8 ½	YHC102F5*HA0000	14.5	103,000	160,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	16.5	20
10	YHC120F5*HA0000	14.7	119,000	200,000	80	51 x 63 x 105	33 x 17.5	32 x 17.5	1553	19.4	25

① Cooling Rating Conditions: Indoor Air Entering Dry Bulb 80°F, Wet Bulb 67°F; Outdoor Air Entering Dry Bulb 95°F.

* Data for MCA determined per UL Standard 1995.

** Information subject to change. Please confirm with current Product Data/Selection Facts for current factory production.

For complete equipment / combination applications, installation instructions and warranty information, please refer to Product Data Ratings and/or Installation, Owners and Limited Warranty Handbooks.

Effective 1/1/18

built to a higher standard.

American Standard.

HEATING & AIR CONDITIONING

Packaged Gas/Electric Convertible 6-10 Tons, R-410A

Table LPG-6-A — Base Unit — Standard Efficiency — Electromechanical or RelliaTel™

Tons	Unit Ordering No.	Performance[1] EER	Cooling Capacity (Btuh)	Heating Capacity (Btuh)	AFUE%	Cabinet Dimensions (in.) H x W x L	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA**	Max. Fuse**
YSC--*-***A/*B – Three Phase – Low Heat**											
6	YSC072F*LA0000	11.0	71,000	64,000	80	41 x 53 x 65	33 x 17.5	32 1/2 x 17.5	598	26.3	30
7½	YSC090F*LA0000	10.5	89,000	80,000	80	41 x 53 x 65	33 x 17.5	32 1/2 x 17.5	618	34.3	40
7½	YSC090F*LA0000	11.0	94,000	87,000	80	47 x 53 x 65	33 x 17.5	32 1/2 x 17.5	628	41.4	50
8½	YSC102F*LA0000	10.8	102,000	87,000	80	47 x 53 x 65	33 x 17.5	32 1/2 x 17.5	638	46.3	60
10	YSC120F*LA0000	10.8	118,000	121,000	80	47 x 53 x 65	33 x 17.5	32 1/2 x 17.5	658	49.6	60
YSC--*-***B/*B – Three Phase – Low Heat**											
6	YSC072F*LB0000	11.0	71,000	64,000	80	41 x 53 x 65	33 x 17.5	32 1/2 x 17.5	598	18.4	20
7½	YSC090F*LB0000	10.5	89,000	80,000	80	41 x 53 x 65	33 x 17.5	32 1/2 x 17.5	618	18.4	20
7½	YSC090F*LB0000	11.0	94,000	87,000	80	47 x 53 x 65	33 x 17.5	32 1/2 x 17.5	628	21.3	25
8½	YSC102F*LB0000	10.8	102,000	87,000	80	47 x 53 x 65	33 x 17.5	32 1/2 x 17.5	638	23.9	25
10	YSC120F*LB0000	10.8	118,000	121,000	80	47 x 53 x 65	33 x 17.5	32 1/2 x 17.5	658	32.7	35
YSC--*-***C/*B – Three Phase – Low Heat**											
6	YSC072F*LC0000	11.0	71,000	64,000	80	41 x 53 x 65	33 x 17.5	32 1/2 x 17.5	598	12.7	20
7½	YSC090F*LC0000	10.5	89,000	80,000	80	41 x 53 x 65	33 x 17.5	32 1/2 x 17.5	618	14.7	20
7½	YSC090F*LC0000	11.0	94,000	87,000	80	47 x 53 x 65	33 x 17.5	32 1/2 x 17.5	628	15.0	20
8½	YSC102F*LC0000	10.8	102,000	87,000	80	47 x 53 x 65	33 x 17.5	32 1/2 x 17.5	638	17.5	20
10	YSC120F*LC0000	10.8	118,000	121,000	80	47 x 53 x 65	33 x 17.5	32 1/2 x 17.5	658	18.3	20
YSC--*-***A/*M – Three Phase – Medium Heat**											
6	YSC072F*MA0000	11.0	71,000	87,000	80	41 x 53 x 65	33 x 17.5	32 1/2 x 17.5	598	26.3	30
7½	YSC090F*MA0000	10.5	89,000	120,000	80	41 x 53 x 65	33 x 17.5	32 1/2 x 17.5	618	34.3	40
7½	YSC090F*MA0000	11.0	94,000	121,000	80	47 x 53 x 65	33 x 17.5	32 1/2 x 17.5	628	41.4	50
8½	YSC102F*MA0000	10.8	102,000	121,000	80	47 x 53 x 65	33 x 17.5	32 1/2 x 17.5	638	46.3	60
10	YSC120F*MA0000	10.8	118,000	162,000	80	47 x 53 x 65	33 x 17.5	32 1/2 x 17.5	658	49.6	60
YSC--*-***B/*M – Three Phase – Medium Heat**											
6	YSC072F*MB0000	11.0	71,000	87,000	80	41 x 53 x 65	33 x 17.5	32 1/2 x 17.5	598	18.4	20
7½	YSC090F*MB0000	10.5	89,000	120,000	80	41 x 53 x 65	33 x 17.5	32 1/2 x 17.5	618	19.6	20
7½	YSC090F*MB0000	11.0	94,000	121,000	80	47 x 53 x 65	33 x 17.5	32 1/2 x 17.5	628	21.3	25
8½	YSC102F*MB0000	10.8	102,000	121,000	80	47 x 53 x 65	33 x 17.5	32 1/2 x 17.5	638	23.9	25
10	YSC120F*MB0000	10.8	118,000	162,000	80	47 x 53 x 65	33 x 17.5	32 1/2 x 17.5	658	32.7	35
YSC--*-***C/*M – Three Phase – Medium Heat**											
6	YSC072F*MC0000	11.0	71,000	87,000	80	41 x 53 x 65	33 x 17.5	32 1/2 x 17.5	598	12.7	20
7½	YSC090F*MC0000	10.5	89,000	120,000	80	41 x 53 x 65	33 x 17.5	32 1/2 x 17.5	618	14.7	20
7½	YSC090F*MC0000	11.0	94,000	121,000	80	47 x 53 x 65	33 x 17.5	32 1/2 x 17.5	628	15.0	20
8½	YSC102F*MC0000	10.8	102,000	121,000	80	47 x 53 x 65	33 x 17.5	32 1/2 x 17.5	638	17.5	20
10	YSC120F*MC0000	10.8	118,000	162,000	80	47 x 53 x 65	33 x 17.5	32 1/2 x 17.5	658	18.3	20
YSC--*-***A/*H – Three Phase – High Heat**											
6	YSC072F*HA0000	11.0	71,000	121,000	80	41 x 53 x 65	33 x 17.5	32 1/2 x 17.5	598	26.3	30
7½	YSC090F*HA0000	10.5	89,000	150,000	80	41 x 53 x 65	33 x 17.5	32 1/2 x 17.5	618	34.3	40
7½	YSC090F*HA0000	11.0	94,000	162,000	80	47 x 53 x 65	33 x 17.5	32 1/2 x 17.5	628	41.4	50
8½	YSC102F*HA0000	10.8	102,000	162,000	80	47 x 53 x 65	33 x 17.5	32 1/2 x 17.5	638	46.3	60
10	YSC120F*HA0000	10.8	118,000	203,000	80	47 x 53 x 65	33 x 17.5	32 1/2 x 17.5	658	49.6	60
YSC--*-***B/*H – Three Phase – High Heat**											
6	YSC072F*HB0000	11.0	71,000	121,000	80	41 x 53 x 65	33 x 17.5	32 1/2 x 17.5	598	18.4	20
7½	YSC090F*HB0000	10.5	89,000	150,000	80	41 x 53 x 65	33 x 17.5	32 1/2 x 17.5	618	19.6	20
7½	YSC090F*HB0000	11.0	94,000	162,000	80	47 x 53 x 65	33 x 17.5	32 1/2 x 17.5	628	21.3	25
8½	YSC102F*HB0000	10.8	102,000	162,000	80	47 x 53 x 65	33 x 17.5	32 1/2 x 17.5	638	23.9	25
10	YSC120F*HB0000	10.8	118,000	203,000	80	47 x 53 x 65	33 x 17.5	32 1/2 x 17.5	658	32.7	35
YSC--*-***C/*H – Three Phase – High Heat**											
6	YSC072F*HC0000	11.0	71,000	121,000	80	41 x 53 x 65	33 x 17.5	32 1/2 x 17.5	598	12.7	20
7½	YSC090F*HC0000	10.5	89,000	150,000	80	41 x 53 x 65	33 x 17.5	32 1/2 x 17.5	618	14.7	20
7½	YSC090F*HC0000	11.0	94,000	162,000	80	47 x 53 x 65	33 x 17.5	32 1/2 x 17.5	628	15.0	20
8½	YSC102F*HC0000	10.8	102,000	162,000	80	47 x 53 x 65	33 x 17.5	32 1/2 x 17.5	638	17.5	20
10	YSC120F*HC0000	10.8	118,000	203,000	80	47 x 53 x 65	33 x 17.5	32 1/2 x 17.5	658	18.3	20

Note: YSC090 and YSC102 units do not meet 2016 DOE requirements and will be sold where applicable.

① Downflow Airflow/Thermostatic Airflow.

② 072 applies 3-ton and 4-ton applies 5-ton.

– Digit 5=Electromechanical or RelliaTel™

– Installation subject to change. Please confirm with current Product Data Book that is the current factory production.

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data Ratings and/or Installation Guides and Limited Warranty Handbooks.

Light Commercial Packaged Gas/Electric

Packaged Gas/Electric Convertible 3-10 Tons (Model Digit Numbers)

Digit	Description	Order Number
1-3	Main Assembly (see previous page)	
9	Unit Controls	
	Electromechanical	E
	ReliaTel™ Microprocessor	R
10	Heating Capacity	
	Low	L
	Medium	M
	High	H
	Low - Stainless Steel Heat Exchanger	X
	Medium - Stainless Steel Heat Exchanger	Y
	High - Stainless Steel Heat Exchanger	Z
11	Minor Design Sequence	
	First Sequence	A
12-13	Service Sequence	
	First Sequence (Factory assigned)	**
14	Fresh Air Selection	
	No Fresh Air	A
	Manual Outside Air Damper 0-50%	B
	Motorized Outside Air Damper 0-50%	E
	Economizer, Dry Bulb 0-100% without Barometric Relief	C
	Economizer, Dry Bulb 0-100% with Barometric Relief	D
	Economizer, Reference Enthalpy 0-100% without Barometric Relief	E
	Economizer, Reference Enthalpy 0-100% with Barometric Relief	F
	Economizer, Comparative Enthalpy 0-100% without Barometric Relief	G
	Economizer, Comparative Enthalpy 0-100% with Barometric Relief	H
	Low Leak Economizer, Dry Bulb with Barometric Relief	J
	Low Leak Economizer, Comparative Enthalpy with Barometric Relief	K
	Low Leak Economizer, Reference Enthalpy with Barometric Relief	L
15	Supply Fan/Drive Type/Motor	
	Standard Drive	S
	Oversized Motor	T
	Optional Belt Drive Motor	U
	Single Zone VAV	E
	Multi-Speed Indoor Fan	F
	VAV Supply Air Temperature Control Without Occupancy	E
16	Hinged Service Access/Filters	
	Standard Panels Standard Filters	S
	Hinged Access Doors Standard Filters	A
	Standard Panels 2" MERV 8 Filters	B
	Hinged Access Panels 2" MERV 8 Filters	C
	Standard Panels 2" MERV 13 Filters	D
	Hinged Access Panels 2" MERV 13 Filters	E
17	Condenser Coil Protection	
	Standard Coil	S
	Standard Coil with Hail Guard	T
	Black Epoxy Pre-Coated Condenser Coil	U
	Black Epoxy Pre-Coated Condenser Coil with Hail Guard	V
	CompleteCoil™ Condenser Coil	W
	CompleteCoil™ Condenser Coil with Hail Guard	X
18	Through the Base Provisions	
	Note: Applicable to Digit 1 T or Y models	
	No Through the Base Provisions	D
	Through the Base Electrical	A
	Note: Applicable to Digit 1 Y models only	
	Through-the-Base Gas Piping	B
	Through-the-Base Electric and Gas Piping	C
19	Disconnect/Circuit Breaker (three-phase only)	
	No Disconnect/No Circuit Breaker	0
	Unit Mounted Non-Fused Disconnect	1
	Unit Mounted Circuit Breaker	2

Digit	Description	Order Number
20	Convenience Outlet	
	No Convenience Outlet	A
	Unpowered Convenience Outlet	A
	Powered Convenience Outlet (3-Ø, three-phase only)	B
21	Communications Options	
	No Communications Interface	0
	Novar 3024 Controls	3
	Novar 3081 Controls without Zone Sensor	4
	Novar 3081 Controls interface with DCV	5
	BACnet™ Communications Interface	6
22	Refrigeration System Option	
	Standard Refrigeration System	S
	Dehumidification Option (HGRH)	B
23	Refrigeration Controls	
	Note: Applicable to Digit 7 = E, F	
	No Refrigeration Control	0
	Pressurstat	1
	Compressor Heater	2
	Pressurstat and Compressor Heater	3
24	Smoke Detector	
	No Smoke Detector	S
	Return Air Smoke Detector	A
	Supply Air Smoke Detector	B
	Supply and Return Air Smoke Detectors	C
	Plenum Smoke Detector	D
25	System Monitoring Controls	
	No Monitoring Control	0
	Clogged Filter Switch	1
	Fan Failure Switch	2
	Discharge Air Sensing Tube	3
	Clogged Filter Switch and Fan Failure Switch	4
	Clogged Filter Switch and Discharge Air SensingTube	5
	Fan Failure Switch and Discharge Air SensingTube	6
	Clogged Filter Switch, Fan Failure Switch and Discharge Air SensingTube	7
	Novar Return Air Sensor (NOVAR 3024 only)	8
	Novar ZoneTemp Sensor (NOVAR 3081 only)	9
	Condensate Drain Pan Overflow Switch	A
	Clogged Filter Switch and Condensate Drain Pan Overflow Switch	B
	Fan Failure Switch and Condensate Drain Pan Overflow Switch	C
	Discharge Air Sensing and Condensate Drain Pan Overflow Switch	D
	Clogged Filter Switch, Fan Failure Switch and Condensate Drain Pan Overflow Switch	E
	Clogged Filter Switch, Discharge Air SensingTube and Condensate Drain Pan Overflow Switch	F
	Fan Failure Switch, Discharge Air SensingTube and Condensate Drain Pan Overflow Switch	G
	Clogged Filter Switch, Fan Failure Switch, Discharge Air Sensing and Condensate Drain Pan Overflow Switch	H
26	System Monitoring Controls	
	No Monitoring Control	0
	Demand Control Ventilation (CO) (DCV)	A
	Fault Detection and Diagnostics (FDD)	B
	Fault Detection and Diagnostics (FDD) with Demand Control Ventilation	C
27	Unit Hardware Enhancements	
	No Enhancements	0
	Stainless Steel Drain Pan	1
31	Assembled Unit Controls	
	Standard Unit Controls	0
	Human Interface	1

See Footnotes On Next page

For complete equipment / combination applications, installation instructions and warranty information, please refer to Product Data Ratings and/or Installation, Owners and Limited Warranty Handbooks.

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Packaged Gas/Electric Convertible 3-10 Tons (Model Digit Numbers)

(1) Available in 3-5 ton models

(2) Standard on 4-5 ton (14-17 kW) and 6-10 ton heat models and all High-Efficiency models

(3) Not available with electromechanical controls

(4) Warning: outside air damper will ship factory supplied within the unit. Some outside duct installation

(5) High pressure control is standard on all units

(6) On 3-5 ton multispeed direct drive is standard on single phase and 12 SEER. On 6-10 ton multispeed direct drive is standard on all 10 ton and 7.5 ton high efficiency belt drive is standard on all other units

(7) Economizer with Barometric Relief is for downflow configured units only. Order economizer without Barometric Relief for horizontal configuration. Barometric Relief for horizontal configured units should be ordered as field installed accessory

(8) Through the base electric required when optionally equipped with circuit breaker options

(9) Requires use of Disconnect or Circuit Breaker

Digit 10 = 5

Standard Efficiency
1 Phase = High Efficiency Multispeed Direct Drive Motor
3 Phase (208-230 Volt) = Belt Drive
3 Phase (460 Volt) = Direct High Efficiency Direct Drive Plenum Fan

High Efficiency
1 Phase = High Efficiency Multispeed direct drive Motor
3 Phase (208-230 Volt) = High Efficiency Multispeed Direct Drive Motor
3 Phase (208-230 Volt) = Belt Drive Motor
3 Phase (460 Volt) = Direct High Efficiency Direct Drive Plenum Fan

Not Available
Standard Efficiency - 10 ton with 5th
High Efficiency - 3-5 ton with standard motor (digit 5 = 1)

(10) Standard heating (stages and SCRs)

(11) Model number for field conversion to electromechanical units

(12) The natural air smoke detector may not fit up or hold properly on the Thermidor units when used in conjunction with 50 pack accessories such as bird or heat shields, economizers and power exhausts (2x) do not order the natural air smoke detector when using this type of accessory

(13) Return Air Smoke Detector cannot be ordered with Novar Controls

(14) These options are standard when choosing Novar Controls

(15) This option is used when choosing Novar Controls

(16) Includes gas piping and shroud (field assembly required)

(17) Not available with high temperature duct heater accessory

(18) Digit 15 = 2

(19) Novar Sensor (direct wire) Digit 27 = (4) Novar DDC Controls without Zone Sensors

(20) Available for 3-5 ton standard efficiency models only

(21) Available for 3-5 ton, 6, 7.5, 8.5 and 10 ton high efficiency models only

(22) Requires selection of 2nd Stage Heat in Digit 22 or C in Digit 23

(23) Not available on 6-7.5 ton units with any of single stage or standard efficiency

(24) Standard with 3-5 ton, 7.5 ton high efficiency dual economizer, 6½, 10 ton standard efficiency economizer and 7.5 ton, 8, 10 ton high efficiency models (except for non-economizer options)

(25) Battery and emergency light transformer options are not available to units with thermostat controlled IAQ

(26) Digital Controller is only available on 7.5–10 ton high efficiency and 10 ton standard efficiency models with Tracker™ modules

(27) Multispeed motor fan available only on 3-5 & 8.5 ton high efficiency and 10 ton models with Tracker™ controls

(28) Economizer Outside Air Damper is not available on Multi-Speed or SCOPE (Single Zone) available for Volume products

(29) Typical selections on Multi-Speed and SCOPE (Single Zone) available for Volume products

(30) Sensor is not available with SCOPE products

(31) Demand Control Ventilation not available with electromechanical controls

(32) Demand Control Ventilation Option includes wiring only. The CO_2 sensor is a field-installed only option

(33) When ordering Dehumidification option, digit 41 will reset itself to 4, not 1

Read Only

Packaged Gas/Electric Convertible 3-10 Tons Accessories

Table LPG-S-A — Accessories

Model Number	Description	Used With (1)
BAYSBPC0001C01	RelaxTel™ Options Module	All YC036-120*
BAYWASCT00101	Anti-Short-Cycle Timer	All YC036-120* w/ Electro Mechanical
BAYEARS01[A/B]	Economi$er RelaxTel™	YSC036, YHC036, YHC037
BAYEARS01[A/B]	Economi$er RelaxTel™	YSC048-120, YHC047-120
BAYECR001A	BACnet™ Communication Interface	All YC036-120* w/ RelaxTel™
BAYCURB042A0	Roof Curb	YSC036-060, YHC036, YHC037
BAYCURB047M0	Roof Curb	YSC072-120, YHC047-120
BAYCURB044A	Roof Curb	YHC120F
BAYDFPS[0/1]0[3/5]0	Clogged Filter Switch	All YC036-120*
BAYDFPS0144	Clogged Filter Switch (MERV 13 Filter	All YC036-120*
BAYDFPS0104[0/1]	Fan Failure Switch	All YC036-120*
BAYDMFR0538	0-50% Manual Outside Air Damper	YSC036, YHC036, YHC037
BAYDMFR0548	0-50% Manual Outside Air Damper	YSC048-120, YHC047-120
BAYDMFR0538A	0-50% Motorized Outside Air Damper	YSC036, YHC036, YHC037 (RelaxTel™)
BAYDMFR0538[0/1]	0-50% Motorized Outside Air Damper	YSC036, YHC036 (Electro Mechanical)
BAYDMFR0548A	0-50% Motorized Outside Air Damper	YSC048-120, YHC047-120 (RelaxTel™)
BAYDMFR0548[0/1]	0-50% Motorized Outside Air Damper	YSC048-120, YHC047-120 (Electro Mechanical)
BAYECONO85A	0-100% Dry Bulb Economizer	YSC036, YHC036, YHC037 (RelaxTel™)
BAYECONO085[0/1]	0-100% Dry Bulb Economizer	YSC036-060, YHC036 (Electro Mechanical)
BAYECONO87A	0-100% Dry Bulb Economizer	YSC048-120, YHC047-120 (RelaxTel™)
BAYECONO087[0/1]	0-100% Dry Bulb Economizer	YSC048-120, YHC047-120 (Electro Mechanical)
BAYECONO104A	Downflow Low Leak Economizer	YSC048-120, YHC047-120 (RelaxTel™)
BAYECONTO36	Downflow Low Leak Economizer	YSC036, YHC036, YHC037 (RelaxTel™)
BAYENTH036A	Reference Enthalpy Kit (Solid State)	BAYECON085A, 087A (Electro-Mechanical)
BAYENTH036[0/1]	Comparative Enthalpy Kit (Solid State)	BAYECON085A, 087A (Electro-Mechanical)
BAYENTH036A	Reference Enthalpy Kit	BAYECON085A, 087A (RelaxTel™)
BAYENTH036[0/1]	Comparative Enthalpy Kit	BAYECON085A, 087A (RelaxTel™)
BAYFRSTD0A036	High Temperature Sail	All YC036-120*
BAYGARD03TC	Condenser Coil Hail Guard	YHC[0/3]6, YHC037
BAYGARD04CC	Condenser Coil Hail Guard	YSC[0/7]2-[0/6], YHC047-060*
BAYGARD41C	Condenser Coil Hail Guard	YSC060-120
BAYGARDCT04	Condenser Coil Hail Guard	YHC120
BAYGARD1377	Condenser Coil Hail Guard	YSC036-060
BAYGARD1413	Condenser Coil Hail Guard	YHC072-102
BAYHART0114	High Altitude Kit	YSC0[4/6]-[0/6]0
BAYHIALT0106	High Altitude Kit	YSC072-120, YHC036-120

(1) Kits contain all necessary parts to achieve desired level of airflow/dry control
(2) Lynn Haven Manufacturing has a flex-feature policy for this unit size
(3) For use with RelaxTel™ customer unit/county
(4) Cannot be used in conjunction with factory installed Smoke Detector option.
(5) Inquire to accurately for thermostat configuration. For downflow configuration, it installs in the unit's mechanical return duct. See Installer's Guide for more information.
(6) BAYADP0011C is required when installing field installed accessories Clogged Filter Switch (BAYDFPS0104[0/1]), Fan Fail Switch (BAYDFPS0104[0/1]), Discharge Air Thermistor Kit (BAYTHRM0104A or BAYTHRM0104[0/1]A), or Economizer Common Control (Honeywell) (BAYECAMCOM0[0/1]) Economizer Common Kit (BAYCONTROL[0/1]). Unless the following options are factory installed: Honeywell Smoke Detector, Clogged Filter Switch, Fan Failure Switch, Discharge Air Thermistor Kit. **These factory installed options include the RelaxTel™ Options Module.**
(7) Electromechanical controlled units only
(8) Included on Digital kit
(9) Field installed accessory. Requires an economizer.
(10) The module contains all damper and other factory supplied within the unit, but must be field installed
(11) Anti-SC Control

For complete equipment / combination assortions, installation instructions and warranty information, please refer to Product Data Ratings and/or Installation Guides and Limited Warranty Handbooks.

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Packaged Gas/Electric Convertible 3-10 Tons Accessories

Table LPG-10-5 — Accessories

Model Number	Description	Used With
BAYHSMT0824A	2 HP Oversized motor kit (208-230/460V)	YSC072F3, 4
BAYHSMT0824B	2 HP Oversized motor kit (575V)	YSC072F*6
BAYHSMT4024A	2 HP Oversized motor kit	YHC072F3, 4
BAYHSMT0836A	3 HP Oversized motor kit (208-230/460V)	YSC090-102F3, 4
BAYHSMT0836A	3 HP Oversized motor kit (575V)	YSC090-102F*6
BAYLSCP0008A	Low Static Drive Kit	YHC072F
BAYHSCP0012A	High Static Drive Kit	YSC072F
BAYLMSWSC1AA	Power Exhaust Limit Switch	AAY*C036-120*
BAYLOAM0318EHA	Economizer Defrost Control (Electric)	YHC(036-060)E*R
BAYLOAM1218A	Economizer Defrost Control (Electric)	YSC(036-060)*R (Retail Only)
BAYLTCOM2SA	LinkTalk® Communications Interface (LCI)	AAY*C036-120*, R (Retail Only)
BAYLPKT0250	LP Conversion Kit	YSC036-060*L/M/H, YSC(072*H, YSC090-102*M/H, YSC120*L/M/H, YHC072*H, YHC(072-090)*M/H, YHC120*L/M/H
BAYLPKT0500	LP Conversion Kit	YSC072*L/M, YSC(090-102)*L, YHC036-060*L/M/H, YHC072*L/M, YHC(090-102)*L
BAYPWRX0025A	Power Exhaust (208/3 VAC	YSC072-120*, YHC047-120*
BAYPWRX0025A	Power Exhaust (460/3 VAC	YSC072-120*4, YHC047-120*
BAYPWRX0025A	Power Exhaust (575/3 VAC	YSC072-120*6, YHC047-120*6
BAYPWRX0075A	Power Exhaust (208-230/3 VAC	YSC(090-102)*3, YHC(072-090)*3
BAYPWRX0075A	Power Exhaust (460/3 VAC	YSC(090-102)*4, YHC(072-090)*4
BAYPWRX0075A	Power Exhaust (575/3 VAC	YSC(090-102)*6, YHC(072-090)*6
BAYGACB0018A06A	Quick Adapt Roof Curb	YSC036-060, YHC036, YHC037
BAYGACB0118A06A	Quick Adapt Roof Curb	YSC(036-060)*, YHC036, YHC037
BAYGACB0118A06A	Quick Adapt Roof Curb	YSC072-120, YHC047-122
BAYGACB0124A06A	Quick Adapt Roof Curb	YSC072-120, YHC047-122
BAYGACB0136A06A	Quick Adapt Roof Curb	YSC072-120, YHC047-122
BAYRTEM0104A	Fully Featured RelaxTel™ Thermostat, Digit, Multi-S	AAY*C036-120*
BAYSENS0104A	Temperature Sensor	AAY*C036-120*
BAYSENS2504A	CO2 Duct Mounted, Telaire 7001	AAY*C036-120*, R (Retail Only)
BAYSENS2514A	CO2 Wall Mounted, Telaire 7001	AAY*C036-120*, R (Retail Only)
BAYSERV0104A	Selective Performance Reduce Tester	AAY*C036-120*
BAYSTAT0004	Remote Potentiometer	AAY*C036-120*
BAYTUBE0404A06A	Discharge Air Sensing Kit	YHC036-060*R
BAYTUBE0404A12A	Discharge Air Sensing Kit	YSC072-102*R, YHC047-072R
BAYTUBE1044A	Discharge Air Sensing Kit	YSC(036-060)*R
BAYTUBE4004A	Discharge Air Sensing Kit	YSC120*R
BAYTUBE4004A	Discharge Air Sensing Kit	YHC120*R
BAYVNCR0018A06A	Ventilation Override Kit	AAY*C036-120*

(1) For use with RelaxTel™ microprocessor controlled units only. Must be factory installed for Unoccupied/Occupied controlled units.
(2) Used for fully discharge air sensing in both heating and cooling. Required for supply air tempering.
(3) Low Heater Manufacturing has a Non-Reverse posing for this unit ===.
(4) For use with RelaxTel™ nonmitted units only.
(5) BAYSENS0104A is required when ordering and installed accessories Occupied / Vac Switch (BAYSENS0104A), Fan Fail Switch (BAYSENS0104A), Dirty Filter Alarm Sensing kit (BAYFLTSW0104A or BAYFLTSW0204A) or Evaporative Defrost Control (Frostat) (BAYLOAM0318A) Ventilation Override Kit (BAYVNCR0018A) unless the following options are factory installed: Frostat, Smoke Detector, Oxygen / Vac Switch, Fan Failure Switch, Discharge Air Sensing Kit, **these factory installed options include the RelaxTel™ Options Module.**
(6) BAYDAMP0004A adapts Voyager BAYDAMP0001B to accept (1) Honeywell 3-4 pin mtr; BAYDAMP0001A adapts Voyager BAYDAMP0002A to accept Honeywell 5-6 pin mtr; BAYDAMP0001A adapts Voyager BAYDAMP0003A to accept Honeywell 8-10 pin mtr; BAYDAMP0001A adapts Voyager BAYDAMP0004A to accept Honeywell 6-10 pin mtr; BAYDAMP0001A adapts Voyager BAYDAMP0005A to accept Honeywell 6-10 pin mtr.
(7) Interface allows 3-10 ton units with RelaxTel™ Control to communicate with Sequa T2C, Heater, Comfort II, and is the preferred method of communication in Trane Systems.
(8) Power Exhaust cannot be used with Economizer Field - Order Economizer without Economizer Field.
(9) Field installed accessory. Includes all accessories.
(10) ===.
(11) When ordering a field installed power exhaust on a unit with economizer/manual damper, BAYDAMP0001A must be ordered.
(12) Early version of components or refrigerant fittings to be ordered. BAYFITG0001A does not need to be ordered.
(13) Order only when unit has factory installed Dehumidification option.

For complete equipment / combination assembly, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installation Guides and Limited Warranty Handbooks.

Effective 01/18
10-18/PG-LPG

Packaged Gas/Electric Convertible 3-10 Tons, R-410A Zone Sensors / Thermostats

Table LPG-11-A — Zone Sensors for ReliaTel™ Controlled Units

Model Number	Description	Used With
ASYST0710BA	Single Setpoint Manual Changeover	Y*C036-120*, R
ASYST0710A	Single Setpoint Y*C036-120*, R	
ASYST0710AA	Dual Setpoint Manual or Auto Changeover	Y*C036-120*, R
ASYST0710BA	Dual Setpoint Changeover Sensor	Y*C036-120*, R
ASYST0711A	Remote Room Sensor Y*C036*120*, R	
ASYST0777A	Programmable Night Setback w/System Function Lights (Vertical Style)	Y*C036-120*, R
ASYST0778A	Programmable Night Setback w/System Function Lights	Y*C036-120*, R
ASYST0710A	Wall Mounted Humidity Sensor	Y*C036-120*
ASYST0711A	Duct Mounted Humidity Sensor	Y*C036-120*
BAYSTPL110A	Retrofit Wall Cover Plate Kit 7.25" x 6.5"	ASYST0700C
BAYSENS524A	Title 24 Zone Sensor(1)	A4

(1) Must be used with ReliaTel™ Comms and SCI Communications Interface.

Read Only

For additional Controls Information:
See ReliaTel™ and Micro Control features on LPC-12 and LPC-13.

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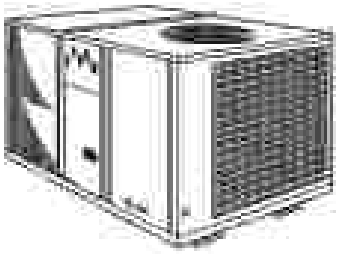
Packaged Gas/Electric with ReliaTel™ Controls 12½-25 Tons, R-410A



12½ - 25 Ton YHD-G — Downflow
12½ - 25 Ton YHH-G — Horizontal

- Scroll compressors on all units
- ReliaTel™ control features are listed on page LPC-12
- Operating charge of R-410A
- Built-in anti-short cycle timer, time delay relay and minimum on time controls
- Low Ambient to 0°F standard
- High efficiency drum and tube heat exchanger (12½ - 25 tons)
- Color coded and numbered wiring
- 2" throwaway filters
- Simple U-shaped airflow pattern results in very low airside energy requirement
- Quick Access doors and single side access make servicing much faster for lower maintenance costs
- Quick-adjust idler arm pulley. Adjust belt tension, change belts, adjust airflow quickly
- High efficiency gas heat with hot surface ignition for low heating energy costs, low maintenance and high reliability
- Stainless steel metal drain pans
- 5-year limited compressor warranty (12½ - 25 tons)
- 5-year limited heat exchanger warranty (12½ - 17½ tons)
- 1-year limited warranty (20 - 25 tons)

Table LPG-12-A — High Efficiency ReliaTel™ Units (R-410A)

Tons	Unit Model No.	Power Supply Volts/Phase/Hz	Performance EER(1)	Cooling Capacity (Btuh)	Heating Output Capacity (Btuh)	Dimensions (in.) H x W x L	Shipping Weight (lbs.)	MCA**	Max Fuse Size or Max Circuit Breaker**	Downflow	Horizontal
YH* - Three Phase Low Heat											
12½	YH*150G3RLB0000	208-230/60/3	12.5	144,000	120,000	54 x 83½ x 122½	2551	35	60	BAYCURB0012TB	
15	YH*180G3RLB0000	208-230/60/3	14.0	174,000	200,000	54½ x 83½ x 122½	2668	39	60	B81CURB0015TB	
17½	YH*210G3RLB0000	208-230/60/3	12.0	204,000	200,000	54½ x 83½ x 122½	2918	45	110	BAYCURB0017TB	
20	YH*240G3RLB0000	208-230/60/3	12.4	234,000	200,000	54½ x 83½ x 122½	2992	59	125	BAYCURB0020TB	
25	YH*300G3RLB0000	208-230/60/3	12.4	274,000	200,000	54½ x 83½ x 122½	2718	121	150	BAYCURB0025TB	
12½	YH*150G4RLB0000	460/60/3	12.5	144,000	120,000	54 x 83½ x 122½	2551	20	40	BAYCURB0012TB	
15	YH*180G4RLB0000	460/60/3	14.0	174,000	200,000	54½ x 83½ x 122½	2668	23	45	B81CURB0015TB	
17½	YH*210G4RLB0000	460/60/3	12.0	204,000	200,000	54½ x 83½ x 122½	2918	43	60	BAYCURB0017TB	
20	YH*240G4RLB0000	460/60/3	12.4	234,000	200,000	54½ x 83½ x 122½	2992	49	60	BAYCURB0020TB	
25	YH*300G4RLB0000	460/60/3	12.4	274,000	200,000	54½ x 83½ x 122½	2718	57	70	BAYCURB0025TB	
12½	YH*150G5RLB0000	575/60/3	12.5	144,000	120,000	54 x 83½ x 122½	2551	24	30	B81CURB0012TB	
15	YH*180G5RLB0000	575/60/3	14.0	174,000	200,000	54½ x 83½ x 122½	2668	28	35	BAYCURB0015TB	
17½	YH*210G5RLB0000	575/60/3	12.0	204,000	200,000	54½ x 83½ x 122½	2918	33	45	BAYCURB0017TB	
20	YH*240G5RLB0000	575/60/3	12.4	234,000	200,000	54½ x 83½ x 122½	2992	39	50	BAYCURB0020TB	
25	YH*300G5RLB0000	575/60/3	12.4	274,000	200,000	54½ x 83½ x 122½	2718	44	60	BAYCURB0025TB	
YH* - Three Phase High Heat											
12½	YH*150G3RHB0000	208-230/60/3	12.5	144,000	200,000	54 x 83½ x 122½	2551	35	60	BAYCURB0012TB	
15	YH*180G3RHB0000	208-230/60/3	14.0	174,000	250,000	54½ x 83½ x 122½	2668	39	60	B81CURB0015TB	
17½	YH*210G3RHB0000	208-230/60/3	12.0	204,000	250,000	54½ x 83½ x 122½	2918	45	110	BAYCURB0017TB	
20	YH*240G3RHB0000	208-230/60/3	12.4	234,000	300,000	54½ x 83½ x 122½	2992	59	125	BAYCURB0020TB	
25	YH*300G3RHB0000	208-230/60/3	12.4	274,000	300,000	54½ x 83½ x 122½	2718	121	150	B81CURB0025TB	
12½	YH*150G4RHB0000	460/60/3	12.5	144,000	200,000	54 x 83½ x 122½	2551	20	40	BAYCURB0012TB	
15	YH*180G4RHB0000	460/60/3	14.0	174,000	250,000	54½ x 83½ x 122½	2668	23	45	BAYCURB0015TB	
17½	YH*210G4RHB0000	460/60/3	12.0	204,000	250,000	54½ x 83½ x 122½	2918	43	60	BAYCURB0017TB	
20	YH*240G4RHB0000	460/60/3	12.4	234,000	300,000	54½ x 83½ x 122½	2992	49	60	BAYCURB0020TB	
25	YH*300G4RHB0000	460/60/3	12.4	274,000	300,000	54½ x 83½ x 122½	2718	57	70	B81CURB0025TB	
12½	YH*150G5RHB0000	575/60/3	12.5	144,000	200,000	54 x 83½ x 122½	2551	24	30	B81CURB0012TB	
15	YH*180G5RHB0000	575/60/3	14.0	174,000	250,000	54½ x 83½ x 122½	2668	28	35	BAYCURB0015TB	
17½	YH*210G5RHB0000	575/60/3	12.0	204,000	250,000	54½ x 83½ x 122½	2918	33	45	BAYCURB0017TB	
20	YH*240G5RHB0000	575/60/3	12.4	234,000	300,000	54½ x 83½ x 122½	2992	39	50	B81CURB0020TB	
25	YH*300G5RHB0000	575/60/3	12.4	274,000	300,000	54½ x 83½ x 122½	2718	44	60	BAYCURB0025TB	

(1) For Downflow units only.
(2) 2.5-3.0 in the Horizontal airflow configuration.
(3) Dual Element Fuse(s).
– Digit 12=Downflow or Horizontal.
** Information subject to change. Please confer with current Product Data/Service Facts for current factory production.

For complete equipment / combination specifications, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installation Guides and Limited Warranty Handbooks.

Effective 01/18
LG-PRC-US

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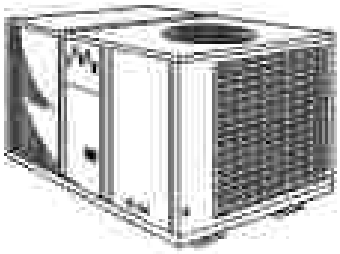
HEATING & AIR CONDITIONING

Packaged Gas/Electric with ReliaTel™ Controls 12½-25 Tons, R-410A



12½ - 25 Ton YSD-F — Downflow
12½ - 25 Ton YSH-F — Horizontal

- Scroll compressors on all units
- ReliaTel™ control features are listed on page LPC-12
- Operating charge of R-410A
- Built-in anti-short cycle timer, time delay relay and minimum on time controls
- Low Ambient to 0°F standard
- High efficiency drum and tube heat exchanger (12½ - 25 tons)
- Color coded and numbered wiring
- 2" throwaway filters
- Simple U-shaped airflow pattern results in very low airside energy requirement
- Quick-Access doors and single side access make servicing much faster for lower maintenance costs
- Quick-adjust idler arm pulley. Adjust belt tension, change belts, adjust airflow quickly
- High efficiency gas heat with hot surface ignition for low heating energy costs, low maintenance and high reliability
- Sturdy sheet metal cabinets
- 5-year limited compressor warranty (12½ - 25 tons)
- 5-year limited heat exchanger warranty (12½ - 17½ tons)
- 1-year limited warranty (20 - 25 tons)

Table LPG-13-A — Standard Efficiency ReliaTel™ Units (R-410A)

Tons	Unit Model No.	Power Supply Volts/Phase/Hertz	Performance Sizes	Capacity (Btuh)	Cooling Capacity (Btuh)	Heating Output Dimensions (in.) H x W x L	Shipping Weight (lbs.)	MCA*	Max Fuse Size or Max Circuit Breaker*	Drawthrough Blocktrain
"B" - Three Phase Low Heat										
12½	YS*150G3RLA0000	208-230/460	12 2	140,000	122,000	80 x 77 x 107	1781	61	80	BAYCURB0258
15	YS*180G3RLA0000	208-230/460	12 2	175,000	203,000	54 x 83 x 121	2281	69	90	BAYCURB0278
17½	YS*210G3RLA0000	208-230/460	12 2	193,000	223,000	54 x 83 x 121	2282	77	100	BAYCURB0278
20	YS*240G3RLA0000	208-230/460	11 4	240,000	283,000	54 x 83 x 121	2303	100	125	BAYCURB0278
25	YS*300G3RLA0000	208-230/460	11 4	272,000	283,000	54 x 83 x 121	2337	112	150	BAYCURB0278
12½	YS*150G4RLA0000	460/460	12 2	140,000	122,000	80 x 77 x 107	1781	29	40	BAYCURB0258
15	YS*180G4RLA0000	460/460	12 2	175,000	203,000	54 x 83 x 121	2281	35	50	BAYCURB0278
17½	YS*210G4RLA0000	460/460	12 2	193,000	223,000	54 x 83 x 121	2282	39	50	BAYCURB0278
20	YS*240G4RLA0000	460/460	11 4	240,000	283,000	54 x 83 x 121	2303	51	70	BAYCURB0278
25	YS*300G4RLA0000	460/460	11 4	272,000	283,000	54 x 83 x 121	2337	61	70	BAYCURB0278
12½	YS*150G5RLA0000	575/460	12 2	140,000	122,000	80 x 77 x 107	1781	22	30	BAYCURB0258
15	YS*180G5RLA0000	575/460	12 2	175,000	203,000	54 x 83 x 121	2281	30	40	BAYCURB0278
17½	YS*210G5RLA0000	575/460	12 2	193,000	223,000	54 x 83 x 121	2282	34	45	BAYCURB0278
20	YS*240G5RLA0000	575/460	11 4	240,000	283,000	54 x 83 x 121	2303	43	60	BAYCURB0278
25	YS*300G5RLA0000	575/460	11 4	272,000	283,000	54 x 83 x 121	2337	43	60	BAYCURB0278
"H" - Three Phase High Heat										
12½	YS*150G3RHA0000	208-230/460	12 2	140,000	203,000	80 x 77 x 107	1781	61	80	BAYCURB0258
15	YS*180G3RHA0000	208-230/460	12 2	175,000	284,000	54 x 83 x 121	2281	69	90	BAYCURB0278
17½	YS*210G3RHA0000	208-230/460	12 2	193,000	284,000	54 x 83 x 121	2282	77	100	BAYCURB0278
20	YS*240G3RHA0000	208-230/460	11 4	240,000	324,000	54 x 83 x 121	2303	100	125	BAYCURB0278
25	YS*300G3RHA0000	208-230/460	11 4	272,000	324,000	54 x 83 x 121	2337	112	150	BAYCURB0278
12½	YS*150G4RHA0000	460/460	12 2	140,000	203,000	80 x 77 x 107	1781	29	40	BAYCURB0258
15	YS*180G4RHA0000	460/460	12 2	175,000	284,000	54 x 83 x 121	2281	35	50	BAYCURB0278
17½	YS*210G4RHA0000	460/460	12 2	193,000	284,000	54 x 83 x 121	2282	39	50	BAYCURB0278
20	YS*240G4RHA0000	460/460	11 4	240,000	324,000	54 x 83 x 121	2303	51	70	BAYCURB0278
25	YS*300G4RHA0000	460/460	11 4	272,000	324,000	54 x 83 x 121	2337	61	70	BAYCURB0278
12½	YS*150G5RHA0000	575/460	12 2	140,000	203,000	80 x 77 x 107	1781	22	30	BAYCURB0258
15	YS*180G5RHA0000	575/460	12 2	175,000	284,000	54 x 83 x 121	2281	30	40	BAYCURB0278
17½	YS*210G5RHA0000	575/460	12 2	193,000	284,000	54 x 83 x 121	2282	34	45	BAYCURB0278
20	YS*240G5RHA0000	575/460	11 4	240,000	324,000	54 x 83 x 121	2303	43	60	BAYCURB0278
25	YS*300G5RHA0000	575/460	11 4	272,000	324,000	54 x 83 x 121	2337	43	60	BAYCURB0278

"" in Downflow units only.
** Digit 10=Cooling or Performance.
*** Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

For complete equipment / combination applications, installation instructions and warranty information please refer to Product Data Ratings and/or Installation, Service and Limited Warranty Handbooks.

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HEATING & AIR CONDITIONING

Packaged Cooling with ReliaTel™ Controls 12½-25 Tons (Model Digit Numbers)

Digit	Description	Order Number
1	**Unit Type**	
	Packaged Cooling, Electric Heat	1
	Packaged Gas/Electric	4
2	**Efficiency**	
	Standard Efficiency	S
	High Efficiency	H
3	**Airflow Configuration**	
	Downflow	D
	Horizontal	H
4-6	**Nominal Gross Cooling Capacity (MBH)**	
	150 Tons	150
	180 Tons	180
	210 Tons	210
	240 Tons	240
	300 Tons	300
7	**Major Design Sequence**	
	Microchannel Non-Condenser Coils	*
8	**Voltage Selection**	
	208/230/60	3
	460/60	4
	575/60	5
	380/50	6
9	**Unit Controls**	
	ReliaTel	4
10	**Heating Capacity**	
	No Heat(2)	0
	15 kW Electric Heat(2)	1
	27 kW Electric Heat(2)	2
	35 kW Electric Heat(2)	3
	54 kW Electric Heat(2)	4
	72 kW Electric Heat(2)	5
	Gas Heat – High(3)	H
	Gas Heat – Low(3)	L
	Gas Heat – 2S HCEx – Stainless(3)(5)	S
	Gas Heat – 2S Ht Ex – Low(3)	E
	Gas Heat – 2S Ht Ex – High(3)	F
11	**Minor Design Sequence**	
12-13	**Service Sequence**	
14	**Fresh Air Selection**	
	No Fresh Air	0
	Manual Outside Air Damper(4)	2
	Economizer, Reference Enthalpy, Integrated Control	3
	Economizer, Comparative Enthalpy, Integrated Control	4
	Low Leak Economizer, Dry Bulb with Barometric Relief	B
	Low Leak Economizer, Comparative Enthalpy with Barometric Relief	M
	Low Leak Economizer, Reference Enthalpy with Barometric Relief	R
15	**Supply Fan/Drive Type/Motor**	
	Standard Motor	0
	Oversized Motor	1
	High Efficiency Motor	2
	Single Zone Variable Air Volume Standard Motor	6
	Multi-Speed Standard Motor	7
	Single Zone Variable Air Volume Oversized Motor	8
	Multi-Speed Oversized Motor	9
	Single Zone Variable Air Volume Standard Motor w/Shaft Grounding Ring	A
	Multi-Speed Standard Motor w/Shaft Grounding Ring	B
	Single Zone Variable Air Volume Oversized Motor w/Shaft Grounding Ring	C
	Multi-Speed Oversized Motor w/Shaft Grounding Ring	D
16	**Hinged Service Access / Filters**	
	Standard Panels/Standard 1 Row	0
	Hinged Access/Standard 1 Row	4
	Standard Panels/MERV 8 / 1 Row	5
	Hinged Access/MERV 8 / 1 Row	7
	Standard Panels/MERV 13 / 1 Row	8
	Hinged Access/MERV 13 / 1 Row	A
17	**Condenser Coil Protection**	
	Standard Coil	0
	Standard Coil With Hail Guard	1
	CompleteCoil™ Condenser Coil	4
	CompleteCoil™ Condenser Coil with Hail Guard	5
18	**Through the Base Provisions**	
	No Through the Base Provisions(6)	0
	Through the Base Electrical(6)	A
	Through the Base Gas(6)	B
	Through the Base Electrical and Gas(6)	C
	Through the Base Access(6)	D

Digit	Description	Order Number
19	**Disconnect Switch/Circuit Breaker**	
	No Disconnect/Circuit Breaker	0
	Unit Mounted Powered Disconnect Switch	1
	Unit Mounted Circuit Breaker	2
20	**Convenience Outlet Option**	
	Without Convenience Outlet	0
	Unpowered Convenience Outlet	A
	Powered Convenience Outlet	B
21	**Communications Options**	
	Without Communications Options	0
	Novar eBee Comms Interface(7)	3
	Novar 3814 Comms Interface(7)	4
	Novar 3814 Communications Interface with Demand Control Ventilation(7)	5
	Building Automation Control Network Communications Interface	6
22	**Refrigeration System Option**	
	Standard refrigeration system	0
	Internal Expansion Valve (TXV)	A
	Dehumidification (Hot Gas Reheat)	B
23	**Refrigeration Controls**	
	Without Refrigeration Controls	0
	Freeze	1
24	**Smoke Detector**	
	Without Smoke Detector	0
	Return Air Smoke Detector	A
	Supply Air Smoke Detector	B
	Return and Supply Air Smoke Detector	C
	Plenum Smoke Detector	D
27	**System Monitoring Controls**	
	Monitoring Control	0
	Dirty Filter Switch	1
	Fan Failure Switch	2
	Discharge Air Sensing	3
	Dirty Filter Switch and Fan Failure switch	4
	Dirty Filter Switch and Discharge Air Sensing	5
	Fan Failure Switch and Discharge Air Sensing	6
	Dirty Filter Switch, Fan Failure Switch and Discharge Air Sensing	7
	NOVAR Return Air Sensor (Novar 3814/5)	8
	NOVAR zone temp Setpoint/timer (Novar 3814/5)	9
	Condensate Drain Pan Overflow Switch	A
	Dirty Filter Switch and Condensate Drain Pan Overflow Switch	B
	Fan Failure Switch and Condensate Drain Pan Overflow Switch	C
	Discharge Air Sensing and Condensate Drain Pan Overflow Switch	D
	Dirty Filter Switch, Fan Failure Switch and Condensate Drain Pan Overflow Switch	E
	Dirty Filter Switch, Discharge Air Sensing, Fan and Condensate Drain Pan Overflow Switch	F
	Fan Failure Switch, Discharge Air Sensing and Condensate Drain Pan Overflow Switch	G
	Dirty Filter Switch, Fan Failure Switch, Discharge Air Sensing and Condensate Drain Pan Overflow Switch	H
28	**System Monitoring Controls**	
	No Monitoring Controls	0
	Demand Control Ventilation (CO2 Sensor)	A
	Fault Detection and Diagnostics (FDD)	B
	Fault Detection and Diagnostics (FDD) with Demand Control Ventilation	C
47	**Unit Hardware Enhancements**	
	Hail Guards/Louvers	1
	Stainless Steel Drain Pan	7
48	**Short Circuit Current Rating (SCCR)**	
	Standard SCCR	0
	65 kA SCCR	B
51	**Advanced Unit Controls**	
	ReliaTel Unit Controls	0
	Human Interface	1

Note: Heat Recovery Installed Options available for Downflow Air Discharge units only. Please verify with ordering system for availability.

(1) Applicable at Digit 1 models only.
(2) Applicable to Digit 1 models only.
(3) Applicable to Digit 1 or 4 models.

(4) Horns is not available with SCCRs products.
(5) Demand Control Ventilation Options (Indoor air quality only) (Digit 21, options 5 or 6) must be ordered with options.

For complete equipment / combination selection, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installation Guides and Limited Warranty Handbooks.

Effective 01/18
14-1814-05

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HEATING & AIR CONDITIONING

Packaged Gas/Electric with ReliaTel™ Controls 12½-25 Tons Accessories

Table LPG-15-A — Field Installed Accessories

Model Number	Description	Used With
BAYSERD[illegible]	ReliaTel™ Options Module	All Voyagers
BAYECR001A	Bonnet™ Communication Interface	ReliaTel™ Controller (BC3-R)
BAYCO2K002B	CO_2 Sensor Wall Mounted	All Voyagers
BAYCO2K004B	CO_2 Sensor Duct Mounted	All Voyagers
BAYCURB[illegible]	Downflow Only Roof Curb	YSD150F
BAYCURB[illegible]	Downflow Only Roof Curb	YHD150-YHD300F, YSD150-YSD300F
BAYDFPS[illegible]	Clogged Filter Switch (MERV 7)	All Voyagers
BAYDFPS[illegible]	Fan Failure Switch	All Voyagers
BAYDFPS[illegible]	Clogged Filter Switch (MERV 11)	All Voyagers
BAYDMPR[illegible]	0-25% Manual Outside Air Damper	All Voyagers
BAYDMPR[illegible]	0-50% Motorized Outside Air Damper	YSD150F
BAYDMPR[illegible]	0-50% Motorized Outside Air Damper	YHD150-300F, YSD150-300F
BAYECON[illegible]	Downflow Economizer with Barometric Relief	YSD150F
BAYECON[illegible]	Downflow Economizer with Barometric Relief	YHD150-300F, YSD150-300F
BAYECON[illegible]	Horizontal Economizer	YSH150F
BAYECON[illegible]	Horizontal Economizer	YHH150-300F, YSH150-300F
BAYECON[illegible]	Downflow Low Leak Economizer	YSD150F
BAYECON[illegible]	Downflow Low Leak Economizer	YSD150F-300F, YHD150F, YHD150-300F
BAYENTH[illegible]	Reference Enthalpy Kit	All BAYECON[illegible]
BAYENTH[illegible]	Comparative Enthalpy Kit	All BAYECON[illegible]
BAYFRST[illegible]	High Temperature Stat	All Voyagers
BAYGARD144A/K	Tool-less Hail Guard	YS*150F
BAYGARD145A/K	Tool-less Hail Guard	YH*150F, YS*150F-300F
BAYGARD150A/K	Tool-less Hail Guard	YH*210F-300F, YH*150F
BAYHSDR[illegible]	High Static Drive	YS*150, 150F, YH*150F, 150F
BAYHSDR[illegible]	High Static Drive	YH*210F, 240F, YS*300F
BAYHSDR[illegible]	High Static Drive	YS*210F, 240F, YH*300F

(1) Kit contains all necessary parts to achieve Keenan wire to Cutlinery Control.
(2) Reference Enthalpy senses outside temperature/humidity.
(3) Comparative Enthalpy senses outside temperature/humidity and makes refunctioned air temperature/humidity.
(4) High static drive and interested motors are exclusively accessible. On Fail Condition.
(5) See Accessory E&M for operational characteristics.
(6) Cashmere Manufacturing has a minimum policy for this tool unit.
(7) BAYKIT[illegible] is required when installing BAYLEV[illegible] or [illegible], BAYTC[illegible] or [illegible] and BAYLGAR[illegible] or BAYTRO[illegible].
(8) Field or factory installed option.
* Lifted horizontal or interactive models.

Read Only

Light Commercial Packaged Gas/Electric

For additional Controls Information:
See ReliaTel™ and Micro Control features on LPC-12 and LPC-13.

For complete equipment / combination assertions, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

Packaged Gas/Electric with ReliaTel™ Controls 12½-25 Tons Accessories

Table LPG-16-A — Field Installed Accessories

Model Number	Description	Used With
BAYHSMT2208(A)000	5HP Oversized Motor Kit (208-230/460V)	YC*150F
BAYHSMT1408(A)0	5HP Oversized Motor Kit (575V)	YC*150F
BAYHSMT1008(A)00	5HP Oversized Motor Kit (208-230/460V)	YC*180F
BAYHSMT1208(A)000	7-1/2HP Oversized Motor Kit (575V)	YC*210F, 240F, YH*210F, 240F
BAYHSMT0724(A)000	7-1/2HP Oversized Motor Kit (575V)	YC*180F, YH*180F
BAYHSMT2208(A)000	7-1/2HP Oversized Motor Kit (230V)	YH*210F, YH*240F
BAYHSMT2208(A)000	7-1/2HP Oversized Motor Kit (460V)	YH*210F, YH*240F
BAYLOAM001AAP	Evaporator Defrost Control	YC*150F, YH*150F, YC*180F, YC*210F, 240F, 300F
BAYLOAM001A	Evaporator Defrost Control	YH*210F, 240F, 300F, 180F*
BAYLPK7018A	LP Conversion Kit	YC*150F-YC*300F
BAYLSCR004A(B)	Low Static Drive	YC*150F, 180F, 210F, YH*210F, YC*240F, YH*240F
BAYLSCR002A(B)	Low Static Drive	YH*150F, 180F, YH*300F
BAYPWR0023A	Power Exhaust for all Wrygagers 12½-25 Ton 230V units	Downflow Only
BAYPWR0033A	Power Exhaust for all Wrygagers 12½-25 Ton 460V units	Downflow Only
BAYPWR0031A	Power Exhaust for all Wrygagers 12½-25 Ton 575V units	Downflow Only
BAYSERV001A	Selectric Resistance Service Tester	YC*150F-YC*300F
BAYSNTP001	Remote Potentiometer	YC*150F-YC*300F
BAYTUBE008V000	Discharge Air Sensing Kit	YC*150F-YC*210F
BAYTUBE008A000	Discharge Air Sensing Kit	YC*150F, YC*240F
BAYGASC004AP	Adapter Cuff	BAYCURB030A/B to BAYCURB060A/B
BAYVENT0001B	Ventilation Override Kit	YC*150F-YC*300F

(1) High static drive and oversized motors are mutually exclusive. Do Not Combine.
(2) Low static drive and oversized motors are mutually exclusive. Do Not Combine.
(3) BAYMERV010 is required when installing BAYCURB030A or 060A, BAYTUBE008A or 008V and BAYLOAM001A, BAYLOAM001AA or BAYVENT0001B.
(4) * add on factory installed option.
** Other Accessories on Expedite Orders

Packaged Gas/Electric with ReliaTel™ Controls 12½-25 Tons, R-22, R-410A Zone Sensors / Thermostats

Table LPG-16-B — Zone Sensors — ReliaTel™

Model Number	Description	Used With
AEYSENT005A	Single Setpoint Manual Changeover	YC*150-301
AEYSENT006A	Dual Setpoint Manual or Automatic Changeover	YC*150-301
AEYSENT011A	Remote Room Sensor	AEYSENT777A
AEYSENT777A	Programmable Night Setback	YC*150-301
AEYSENT716A	Wall Mounted Humidity Sensor	YH*210, 180, 240F (with Reliatel)
AEYSENT711A	Duct Mounted Humidity Sensor	YH*210, 180, 240F (with Reliatel)
BAYWTEL110A	Remote Wall Cover Plate Kit 7.25" x 4.5"	AEYSENT777A
BAYSENS024A	Title 24 Zone Sensor(1)	All

(1) Can be used with ReliaTel™ Control and BCS Communications Standard

For additional Controls Information:
See ReliaTel™ and Micro Control features on LPC-12 and LPC-13

For complete equipment / combination assembly, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installation Guides and Limited Warranty Handbooks.

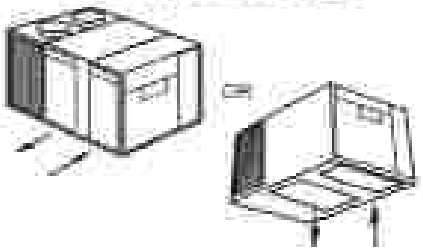
Effective 1/1/18
LE-PRX-LPG

Read Only

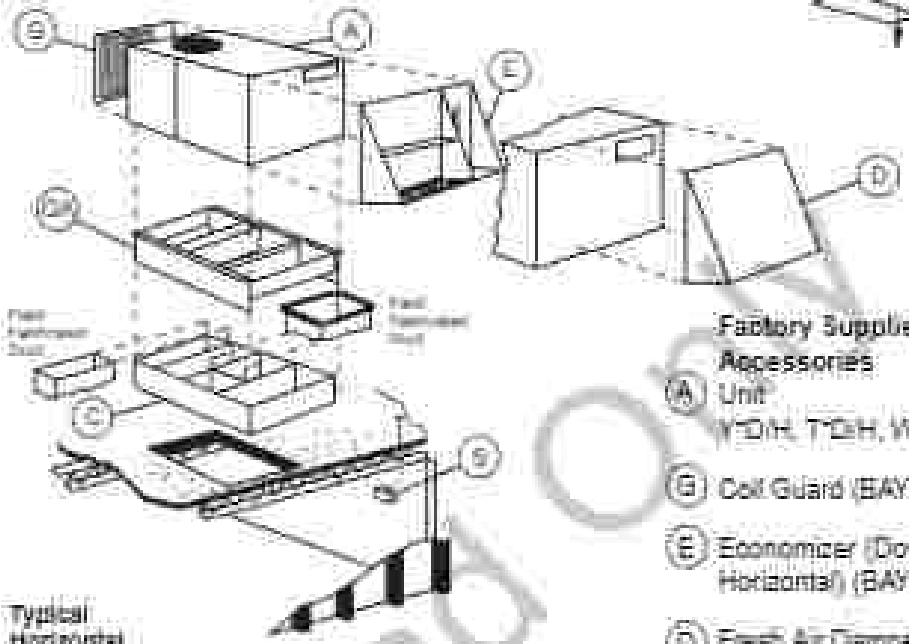
Packaged Unit Accessories 12½-25 Tons

12 1/2 – 25 Ton Packaged Gas/Electric, Electric/Electric and Heat Pump

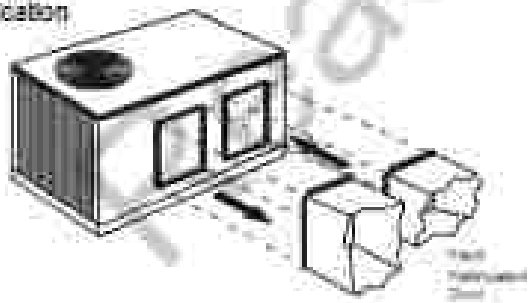
Dedicated Airflow Design



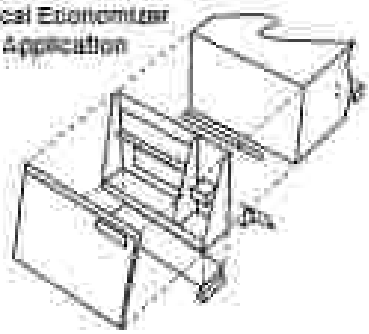
Typical Downflow Application



Typical Horizontal Application



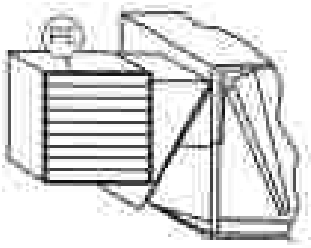
Typical Economizer Application



Factory Supplied Accessories

- (A) Unit (YCD/H, TCD/H, WSD/H)
- (G) Coil Guard (BAYGARD)
- (E) Economizer (Downflow and Horizontal) (BAYECON)
- (D) Fresh Air Damper (BAYDMPR) Manual (0-25%) Motorized (0-50%)
- (S) Sensor/Thermostat
- (C) Curb (BAYCURB)
- (CA) Quick Adapt Curb - Field Supplied (BAYCURB)
- (PE) Power Exhaust (BAYPWRX)

Power Exhaust Accessory



Dead On

built to a higher standard.
American Standard.
HEATING & AIR CONDITIONING

Foundation™ Packaged Gas/Electric 3-5 Tons, R-410A

- Scroll compressor on all units
- Operating Charge of R-410A
- Low ambient operation of 42°F as standard
- Color coded and numbered wiring
- Single side service access
- Provisions for through the base connections
- Phase monitor on all units
- Convertible airflow on all units
- Non-corrosive drain pan
- Separate high and low voltage areas in control box
- 5-year limited compressor and heat exchanger warranty

Table LPG-18-2 — Foundation™ - R-410A - Electromechanical Controls

Tons	Unit Model No.	Power Supply Volts/Phase/Hz	Performance IEER	Cooling Capacity (Btuh)	Heating Output Capacity (Btuh)	Dimensions (in.) H x W x L	Shipping Weight (lbs.)	Min Circuit Ampacity	Max Fuse Size or Max Circuit Breaker*	Drain Size (inches)
GEC - Three Phase Low Heat										
3	GEC036A3ELA0000	208-230/3/60	14.0	35,000	37,500	42" x 48 x 76"	574	15.1	25	3/4"FPT/1"OD
4	GEC048A3ELA0000	208-230/3/60	14.0	46,000	57,500	42" x 48 x 76"	616	23.6	35	3/4"FPT/1"OD
5	GEC060A3ELA0000	208-230/3/60	14.0	57,500	57,500	42" x 48 x 76"	636	28.4	45	3/4"FPT/1"OD
3	GEC036A4ELA0000	460/3/60	14.0	35,000	37,500	42" x 48 x 76"	574	7.5	15	3/4"FPT/1"OD
4	GEC048A4ELA0000	460/3/60	14.0	46,000	57,500	42" x 48 x 76"	616	11	15	3/4"FPT/1"OD
5	GEC060A4ELA0000	460/3/60	14.0	57,500	57,500	42" x 48 x 76"	636	12.9	20	3/4"FPT/1"OD
3	GEC036A5ELA0000	575/3/60	14.0	35,000	37,500	42" x 48 x 76"	574	6.8	15	3/4"FPT/1"OD
4	GEC048A5ELA0000	575/3/60	14.0	46,000	57,500	42" x 48 x 76"	616	8.1	15	3/4"FPT/1"OD
5	GEC060A5ELA0000	575/3/60	14.0	57,500	57,500	42" x 48 x 76"	636	9.2	15	3/4"FPT/1"OD
GEC - Three Phase Medium Heat										
3	GEC036A3EMA0000	208-230/3/60	14.0	35,000	50,000	42" x 48 x 76"	574	15.1	25	3/4"FPT/1"OD
4	GEC048A3EMA0000	208-230/3/60	14.0	46,000	70,000	42" x 48 x 76"	616	23.6	35	3/4"FPT/1"OD
5	GEC060A3EMA0000	208-230/3/60	14.0	57,500	82,500	42" x 48 x 76"	636	28.4	45	3/4"FPT/1"OD
3	GEC036A4EMA0000	460/3/60	14.0	35,000	50,000	42" x 48 x 76"	574	7.5	15	3/4"FPT/1"OD
4	GEC048A4EMA0000	460/3/60	14.0	46,000	70,000	42" x 48 x 76"	616	11	15	3/4"FPT/1"OD
5	GEC060A4EMA0000	460/3/60	14.0	57,500	82,500	42" x 48 x 76"	636	12.9	20	3/4"FPT/1"OD
3	GEC036A5EMA0000	575/3/60	14.0	35,000	50,000	42" x 48 x 76"	574	6.8	15	3/4"FPT/1"OD
4	GEC048A5EMA0000	575/3/60	14.0	46,000	70,000	42" x 48 x 76"	616	8.1	15	3/4"FPT/1"OD
5	GEC060A5EMA0000	575/3/60	14.0	57,500	82,500	42" x 48 x 76"	636	9.2	15	3/4"FPT/1"OD

(1) For Downflow units only.
* Refer to the latest National Electrical Code for sizing of fuses and circuit breakers.

Light Commercial Packaged Gas/Electric

For complete equipment / combination specifications, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installation Guides and Limited Warranty Handbooks.

Foundation™ Packaged Gas/Electric 3-5 Ton Accessories

Table LPG-15-4 — Foundation™ - Field-Installed Accessories

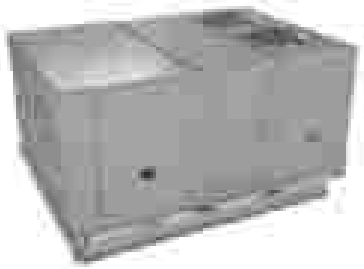
Model Number	Description	Used With
BAYCURB020A	Roof curb	All
BAYGARB020A	Tool-less Hail Guard	All
EAYHAKT020A	High Altitude kit	All
EAYLPKT020A	LP kit	GBC Only
BAYTBGF020A	Through the base - Gas	GBC Only
BAYTBUE020A	Through the base - Elec	All
BAYDISC1020A	Unit Mounted Disconnect, cooling only, 10HP max	GBC, EBC, No Elec Heat
BAYCO2K020A	Wall Mounted CO2 Sensor	All
BAYCO2R001A	Duct Mounted CO2 Sensor	All
BAYCONW020A	Condensate Overflow	All
EAYCCHT01IBE	CCH - 208-230V (4kW) 3.3"	EBC/GBC(3,4 & W)
EAYCCHT01IE	CCH - 460V/575V (4kW) 3.3"	EBC/GBC(3,4 & W)
EAYCCHT10IA	CCH - 208-230V (10 kW) 5.3"	EBC/GBC(A3
BAYCCHT405A	CCH - 460V/575V (4kW) 5.3"	EBC/GBC(A4 & W)
BAYLOAM020A	Frostat	All
BAYLOWA020A	Low Ambient kit	All
BAYRACT001	Compressor Short Cycle Timer	All
BAYHSMT020A	2 HP Oversize motor kit (208-230/460V)	All
BAYHSMT021A	2 HP Oversize motor kit (200V)	All
BAYHSMT022A	2 HP Oversize motor kit (575V)	All
BAYDMPR021A	Damper, Manual 3-5T	All
EAYDMPR020A	Damper, Motorized 3-5T	All
BAYBARB020A	Barometric Relief Damper, 3-5T	All
BAYECON30A	Economizer, Dry Bulb, Downflow 3-5T	All
BAYEHTH020A	Reference Enthalpy Economizer, 3-4T	All
BAYEHTH021A	Comparative Enthalpy Economizer, 3-5T	All
BAYECON03SA(I)	Low Leak Economizer, Dry Bulb, Downflow W/FDD, 3-5T	All
BAYECON30HA(I)	Low Leak Economizer, Dry Bulb, Downflow W/FDD, 3-5T	All
BAYENTH02AA(I)	Comparative Enthalpy, LL Economizer/FDD, 3-5T	All
BAYENTH02ZA(I)	Reference Enthalpy, LL Economizer/FDD, 3-5T	All
BAYBAR(L)21A(I)	Barometric Relief Damper, LL Economizer/FDD, 3-5T	All
BAYPWR020A(I)	Power Exhaust, 3-5T, 208/230V	All
BAYPWR021A(I)	Power Exhaust, 3-5T, 460V	All
EAYPWR022A(I)	Power Exhaust, 3-5T, 575V	All

(I) = Unit's Fault Detection & Diagnostics
(E) = Please check availability

Proof Only

built to a higher standard.
American Standard.
HEATING & AIR CONDITIONING

Foundation™ Packaged Gas/Electric 15-25 Tons, R-410A



- Scroll compressors on all units
- Operating charge of R-410A
- Low ambient operation to 40°F as standard
- Color coded and numbered wiring
- Single side service access
- Mixture handles on service access doors
- Liquid Line Refrigerant Drier
- Provisions for through the base connections
- Phase monitor on all units
- Convertible airflow with field installed kit on most models
- Two inch throwaway filters as standard
- Non-corrosive & removable drain pan
- Separated high and low voltage compartments
- **5-year limited compressor and heat exchanger warranty (15–25 tons)**

Table LPG-20-A — Foundation™ — R-410A — Electromechanical Controls

Tons	Unit Model No.	Power Supply Volts/Phase/Hz	Performance SEER	Cooling Capacity (Btuh)	Heating Output Capacity (Btuh)	Dimensions (in) H x W x L	Shipping Weight (Lbs.)	MCA	Max Fuse Size or Max Circuit Breaker[1]	Drawing Number
GAC - Three Phase Low Heat										
15	GAC180A3BLA	208-230/60	11.0	183,000	150,000	68" x 66" x 120"	2,165	79	100	BAYGUARD178
17½	GAC210A3BLA	208-230/60	11.0	212,000	150,000	68" x 66" x 120"	2,236	91	110	BAYGUARD178
20	GAC240A3BLA	208-230/60	11.0	232,000	150,000	68" x 66" x 120"	2,307	117	150	BAYGUARD178
25	GAC300A3BLA	208-230/60	10.0	290,000	150,000	68" x 66" x 120"	2,307	134	150	BAYGUARD178
15	GAC180A4BLA	460/60	11.0	183,000	150,000	68" x 66" x 120"	2,165	37	45	BAYGUARD178
17½	GAC210A4BLA	460/60	11.0	212,000	150,000	68" x 66" x 120"	2,236	42	50	BAYGUARD178
20	GAC240A4BLA	460/60	10.0	232,000	150,000	68" x 66" x 120"	2,307	55	70	BAYGUARD178
25	GAC300A4BLA	460/60	10.0	290,000	150,000	68" x 66" x 120"	2,307	55	70	BAYGUARD178
15	GAC180A5BLA	575/60	11.0	183,000	150,000	68" x 66" x 120"	2,165	31	40	BAYGUARD178
17½	GAC210A5BLA	575/60	11.0	212,000	150,000	68" x 66" x 120"	2,236	34	40	BAYGUARD178
20	GAC240A5BLA	575/60	10.0	232,000	150,000	68" x 66" x 120"	2,307	43	50	BAYGUARD178
25	GAC300A5BLA	575/60	10.0	290,000	150,000	68" x 66" x 120"	2,307	47	60	BAYGUARD178
GAC - Three Phase Medium Heat										
15	GAC180A3BMA	208-230/60	11.0	183,000	250,000	68" x 66" x 120"	2,165	79	100	BAYGUARD178
17½	GAC210A3BMA	208-230/60	11.0	212,000	250,000	68" x 66" x 120"	2,236	91	110	BAYGUARD178
20	GAC240A3BMA	208-230/60	10.0	232,000	250,000	68" x 66" x 120"	2,307	117	150	BAYGUARD178
25	GAC300A3BMA	208-230/60	10.0	290,000	250,000	68" x 66" x 120"	2,307	134	150	BAYGUARD178
15	GAC180A4BMA	460/60	11.0	183,000	250,000	68" x 66" x 120"	2,165	37	45	BAYGUARD178
17½	GAC210A4BMA	460/60	11.0	212,000	250,000	68" x 66" x 120"	2,236	42	50	BAYGUARD178
20	GAC240A4BMA	460/60	10.0	232,000	250,000	68" x 66" x 120"	2,307	55	70	BAYGUARD178
25	GAC300A4BMA	460/60	10.0	290,000	250,000	68" x 66" x 120"	2,307	55	70	BAYGUARD178
15	GAC180A5BMA	575/60	11.0	183,000	250,000	68" x 66" x 120"	2,165	31	40	BAYGUARD178
17½	GAC210A5BMA	575/60	11.0	212,000	250,000	68" x 66" x 120"	2,236	34	40	BAYGUARD178
20	GAC240A5BMA	575/60	10.0	232,000	250,000	68" x 66" x 120"	2,307	43	50	BAYGUARD178
25	GAC300A5BMA	575/60	10.0	290,000	250,000	68" x 66" x 120"	2,307	47	60	BAYGUARD178
GAD - Three Phase High Heat[2]										
15	GAD180A3BHA	208-230/60	11.0	183,000	350,000	68" x 66" x 120"	2,165	79	100	BAYGUARD178
17½	GAD210A3BHA	208-230/60	11.0	212,000	350,000	68" x 66" x 120"	2,236	91	110	BAYGUARD178
20	GAD240A3BHA	208-230/60	10.0	232,000	350,000	68" x 66" x 120"	2,307	117	150	BAYGUARD178
25	GAD300A3BHA	208-230/60	10.0	290,000	350,000	68" x 66" x 120"	2,307	134	150	BAYGUARD178
15	GAD180A4BHA	460/60	11.0	183,000	350,000	68" x 66" x 120"	2,165	37	45	BAYGUARD178
17½	GAD210A4BHA	460/60	11.0	212,000	350,000	68" x 66" x 120"	2,236	42	50	BAYGUARD178
20	GAD240A4BHA	460/60	10.0	232,000	350,000	68" x 66" x 120"	2,307	55	70	BAYGUARD178
25	GAD300A4BHA	460/60	10.0	290,000	350,000	68" x 66" x 120"	2,307	55	70	BAYGUARD178
15	GAD180A5BHA	575/60	11.0	183,000	350,000	68" x 66" x 120"	2,165	31	40	BAYGUARD178
17½	GAD210A5BHA	575/60	11.0	212,000	350,000	68" x 66" x 120"	2,236	34	40	BAYGUARD178
20	GAD240A5BHA	575/60	10.0	232,000	350,000	68" x 66" x 120"	2,307	43	50	BAYGUARD178
25	GAD300A5BHA	575/60	10.0	290,000	350,000	68" x 66" x 120"	2,307	47	60	BAYGUARD178

[1] Use time delay fuse or HACR circuit breaker per NEC.

[2] Available with Two Compressor Qty. - High Heat Models.

Information subject to change. Please confirm with current Product Data for latest factory production.

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installation Guides and Limited Warranty Handbooks.

Effective 01/18
LPG-20-A

Foundation™ Packaged Gas/Electric 15-25 Tons, R-410A, 2-Speed Indoor Fans

Table LPG-21-A — Foundation™ - R-410A - Electromechanical Controls - 2-Speed Indoor Fans

Tons	Unit Model No.	Power Supply Volts/Phase/Hertz	Performance IEER	Cooling Capacity (Btuh)	Heating Output Capacity (Btuh)	Dimensions (in.) H x W x L	Shipping Weight (lbs.)	MCA**	Max Fuse Size or Max Circuit Breaker*	Drawthrough Restraints(1)
GAC - Three Phase Low Heat										
15	GAC180A3ELA1DGY	208-230/3/60	12.8	183,000	132,000	58¾ x 85¾ x 123¼	2183	79	100	SWCURB0078
17½	GAC210A3ELA1DGY	208-230/3/60	12.8	212,000	132,000	58¾ x 85¾ x 123¼	2238	91	110	SWCURB0078
20	GAC240A3ELA1DGY	208-230/3/60	11.9	232,000	132,000	58¾ x 85¾ x 123¼	2327	117	150	SWCURB0078
25	GAC300A3ELA1DGY	208-230/3/60	11.7	256,000	132,000	58¾ x 85¾ x 123¼	2327	124	150	SWCURB0078
15	GAC180A4ELA1DGY	460/3/60	12.8	183,000	132,000	58¾ x 85¾ x 123¼	2183	37	45	SWCURB0078
17½	GAC210A4ELA1DGY	460/3/60	12.8	212,000	132,000	58¾ x 85¾ x 123¼	2238	42	50	SWCURB0078
20	GAC240A4ELA1DGY	460/3/60	11.9	232,000	132,000	58¾ x 85¾ x 123¼	2327	53	70	SWCURB0078
25	GAC300A4ELA1DGY	460/3/60	11.7	256,000	132,000	58¾ x 85¾ x 123¼	2327	56	70	SWCURB0078
15	GAC180AWELA1DGY	575/3/60	12.8	183,000	132,000	58¾ x 85¾ x 123¼	2183	31	40	SWCURB0078
17½	GAC210AWELA1DGY	575/3/60	12.8	212,000	132,000	58¾ x 85¾ x 123¼	2238	34	40	SWCURB0078
20	GAC240AWELA1DGY	575/3/60	11.9	232,000	132,000	58¾ x 85¾ x 123¼	2327	42	50	SWCURB0078
25	GAC300AWELA1DGY	575/3/60	11.7	256,000	132,000	58¾ x 85¾ x 123¼	2327	47	50	SWCURB0078
GAC - Three Phase Medium Heat										
15	GAC180A3EMA1DGY	208-230/3/60	12.8	183,000	256,000	58¾ x 85¾ x 123¼	2183	79	100	SWCURB0078
17½	GAC210A3EMA1DGY	208-230/3/60	12.8	212,000	256,000	58¾ x 85¾ x 123¼	2238	91	110	SWCURB0078
20	GAC240A3EMA1DGY	208-230/3/60	11.9	232,000	256,000	58¾ x 85¾ x 123¼	2327	117	150	SWCURB0078
25	GAC300A3EMA1DGY	208-230/3/60	11.7	256,000	256,000	58¾ x 85¾ x 123¼	2327	124	150	SWCURB0078
15	GAC180A4EMA1DGY	460/3/60	12.8	183,000	256,000	58¾ x 85¾ x 123¼	2183	37	45	SWCURB0078
17½	GAC210A4EMA1DGY	460/3/60	12.8	212,000	256,000	58¾ x 85¾ x 123¼	2238	42	50	SWCURB0078
20	GAC240A4EMA1DGY	460/3/60	11.9	232,000	256,000	58¾ x 85¾ x 123¼	2327	53	70	SWCURB0078
25	GAC300A4EMA1DGY	460/3/60	11.7	256,000	256,000	58¾ x 85¾ x 123¼	2327	56	70	SWCURB0078
15	GAC180AWEMA1DGY	575/3/60	12.8	183,000	256,000	58¾ x 85¾ x 123¼	2183	31	40	SWCURB0078
17½	GAC210AWEMA1DGY	575/3/60	12.8	212,000	256,000	58¾ x 85¾ x 123¼	2238	34	40	SWCURB0078
20	GAC240AWEMA1DGY	575/3/60	11.9	232,000	256,000	58¾ x 85¾ x 123¼	2327	42	50	SWCURB0078
25	GAC300AWEMA1DGY	575/3/60	11.7	256,000	256,000	58¾ x 85¾ x 123¼	2327	47	50	SWCURB0078
GAD - Three Phase High Heat(1)										
15	GAD180A3EHA1DGY	208-230/3/60	12.8	183,000	320,000	58¾ x 85¾ x 123¼	2183	79	100	SWCURB0078
17½	GAD210A3EHA1DGY	208-230/3/60	12.8	212,000	320,000	58¾ x 85¾ x 123¼	2238	91	110	SWCURB0078
20	GAD240A3EHA1DGY	208-230/3/60	11.9	232,000	320,000	58¾ x 85¾ x 123¼	2327	117	150	SWCURB0078
25	GAD300A3EHA1DGY	208-230/3/60	11.7	256,000	320,000	58¾ x 85¾ x 123¼	2327	124	150	SWCURB0078
15	GAD180A4EHA1DGY	460/3/60	12.8	183,000	320,000	58¾ x 85¾ x 123¼	2183	37	45	SWCURB0078
17½	GAD210A4EHA1DGY	460/3/60	12.8	212,000	320,000	58¾ x 85¾ x 123¼	2238	42	50	SWCURB0078
20	GAD240A4EHA1DGY	460/3/60	11.9	232,000	320,000	58¾ x 85¾ x 123¼	2327	53	70	SWCURB0078
25	GAD300A4EHA1DGY	460/3/60	11.7	256,000	320,000	58¾ x 85¾ x 123¼	2327	56	70	SWCURB0078
15	GAD180AWEHA1DGY	575/3/60	12.8	183,000	320,000	58¾ x 85¾ x 123¼	2183	31	40	SWCURB0078
17½	GAD210AWEHA1DGY	575/3/60	12.8	212,000	320,000	58¾ x 85¾ x 123¼	2238	34	40	SWCURB0078
20	GAD240AWEHA1DGY	575/3/60	11.9	232,000	320,000	58¾ x 85¾ x 123¼	2327	42	50	SWCURB0078
25	GAD300AWEHA1DGY	575/3/60	11.7	256,000	320,000	58¾ x 85¾ x 123¼	2327	47	50	SWCURB0078

(1) For Downflow units only.

* Subcombustion applies to Energy Saver models with current Product Data/Service Facts for current fuse/circuit breaker protection.

For complete equipment / combination applications, installation instructions and warranty information, please refer to Product Data Ratings and/or Installation Guides and Limited Warranty Handbooks.

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HEATING & AIR CONDITIONING

Foundation™ Packaged Gas/Electric 15-25 Tons Accessories

Table LPG-22-A — Foundation™ — R-410A — Field Installed Accessories

Model Number	Description	Used With
BAYTBDE500A	Through the Base Electrical Connections	All Foundation 15-25 Ton Units
BAYDSCF500A	Unit Mounted Disconnect, 100 Amp	GA*180A4* - GA*300A4*; GA*180AW* - GA*300AW*
BAYDSCF501A	Unit Mounted Disconnect, 150 Amp	GA*180A5* - GA*300A5*
BAYTBGF500A	Through the Base Gas Connection, 400 MBH	GA*180A* - GA*300A*
BAYLPKT500A	Propane Conversion Kit	GA*180A* - GA*300A*
BAYHAKT500A	High Altitude Conversion Kit	GA*180A* - GA*300A*
BAYDMPR301A	Damper, Manual	GA*180A* - GA*300A*
BAYDMPR300A	Damper, Motorized	GA*180A* - GA*300A*
BAYECON500A	Economizer, Dry Bulb, Downflow	GA*180A* - GA*300A*
BAYECON501A	Economizer, Dry Bulb, Horizontal	GA*180A* - GA*300A*
BAYECON555A/B	Low Leak Economizer w/FDD, Dry Bulb, Downflow	GA*180A* - GA*300A*
BAYECON551A	Low Leak Economizer w/FDD, Dry Bulb, Horizontal	GA*180A* - GA*300A*
BAYHZCS500A	Horizontal Economizer Conversion Kit	GA*180A* - GA*300A*
BAYBARB500A	Barometric Relief Damper, 16 SQ FT	GA*180A* - GA*300A*
BAYENTH500A	Reference Enthalpy Economizer Kit	GA*180A* - GA*300A*
BAYENTH501A	Comparative Enthalpy Economizer Kit	GA*180A* - GA*300A*
BAYENTH555A/B	Reference Enthalpy Economizer Kit	GA*180A* - GA*300A* w/Low Leak Economizer & FDD
BAYENTH555A/B	Comparative Enthalpy Economizer Kit	GA*180A* - GA*300A* w/Low Leak Economizer & FDD
BAYCURB[illegible]E	Roof Curb	GA*180A* - GA*300A*
BAYHZRT501A	Horizontal Duct Conversion Kit	GA*180A* - GA*300A*
BAYCURR501A	Curb Replacement Conversion Kit	GA*180A* - GA*300A*
BAYGARR500A	Condenser Hail Guard	GA*180A* - GA*300A*
BAYCCHT300A	Crankcase Heater, 75W, 230V	GA*180A3 - GA*300A3
BAYCCHT301A	Crankcase Heater, 75W, 460V	GA*180A4 - GA*300A4
BAYCCHT302A	Crankcase Heater, 75W, 575V	GA*180AW - GA*300AW
BAYLSCT[illegible]01	Compressor Short Cycle Timer	GA*180A* - GA*300A*
BAYLOAM500A	Low Ambient Control	GA*180A* - GA*300A*
BAYLOAM510A	Evaporator Defrost Control	GA*180A* - GA*300A*
BAYPWR[illegible]A/D	Power Exhaust, [illegible] CFM, [illegible]	GA*180A3 - GA*300A3
BAYPWR[illegible]A/D	Power Exhaust, [illegible] CFM, [illegible]	GA*180A4 - GA*300A4
BAYPWR[illegible]A/D	Power Exhaust, [illegible] CFM, [illegible]	GA*180AW - GA*300AW
BAYHSMT300A	High Static Motor & Drive, 5HP 230/460V	GA*180A3, GA*180A4
BAYHSMT301A	High Static Motor & Drive, 5HP 575V	GA*180AW
BAYHSMT302A	High Static Motor & Drive, 7.5HP 230/460V	GA*210A3, GA*240A3
BAYHSMT303A	High Static Motor & Drive, 7.5HP 460V	GA*210A4, GA*240A4
BAYHSMT304A	High Static Motor & Drive, 7.5HP 575V	GA*210AW, GA*240AW
BAYSHSR003A/B	Shaft Grounding Ring, 0.875" Shaft	5HP VFD Motors
BAYSHSR003A/B	Shaft Grounding Ring, 1.125" Shaft	7.5HP VFD Motors
BAYLSDR500A	Low Static Drive Option	GA*180A* - GA*300A*
BAYHSDR500A	High Static Drive Option	GA*180A* - GA*300A*
BAYCO2K500A	Wall Mounted CO2 Sensor	GA*180A* - GA*300A* with economizer
BAYCO2K501A	Duct Mounted CO2 Sensor	GA*180A* - GA*300A* with economizer
BAYCOBX500A	Drain Pan Overflow Switch	GA*180A* - GA*300A*
BAYSTAT500A	BACnet Enabled Thermostat	GA*180A* - GA*300A*
BAYRLT[illegible]A	Replacement Relief for Commercial Roof Unit Curb	All Foundation 15-25 Ton Units

(1) Please check availability.
(2) See HVAC Accessories Center for a list of compatible Damper units.
(3) FDD = Fault Detection & Diagnostics.
Information subject to change. Please confirm with current Product Data for current factory production.

For complete equipment / combination assembly, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installation Guides and Limited Warranty Handbooks.

Effective 01/18
LA-18-01-US

3-25 Ton Packaged Units Roof Curb Compatibility Information

Table LACIN-1-A — 3-10 Ton Convertible Packaged Units Roof Curb Compatibility

[illegible]			[illegible]			[illegible]		
TYXC	TYXS	WSC	TYXC	TYXS	WXC	TYXC	TYXS	WXC
036A	036A	036A	072A	072A	072A		092E	122E
048A	048A	048A	092A	092A	092A		102E	
060A	048A	060A	092A	102A	120A		122E	
036E	048A	036E	102A	120A	092E			
048E	060A	048E	120A	048E	072E			
060E	060E		072E	060E	092E			
	036E		092E	072E				
			092E	092E				
			102E	102E				
			120E	120E				

* = This curb is used for retrofit or replacement applications only for these units.

Table LACIN-1-B — 12½-25 Ton Packaged Units Roof Curb Compatibility Reference for Packaged Units Manufactured Prior to 2002

[illegible]			[illegible]			[illegible]			[illegible]			[illegible]		
YCD	TCD	WCD	YCD	TCD	WCD	YCD	TCD	WCD	YCD	TCD	WCD	YCD	TCD	WCD
036A	036C	036C	061C	061C	078A	102A	102A	120A	121C	121C	120A	181B	181B	240A
036E	037C	048C	074C	074C	078C	102B	102B	120B	150A	150A	150B	181D	181C	240B
037C	048C	060C	078A	078A	090A	102B	102B		150B	150B	180A	210A	210A	150B
048A	048C		078B	078B	090C	102C	102C		150C	150D	180B	210B	210B	180B
048C	060C		078C	078C		120A	120A		181B	181B		221B	221B	240B
048E			088C	088C		120B	120B		181C	181C		221C	221C	
060A			090A	090A		121B	121B		180A	180A		240A	240A	
060C			090B	090B		120C	150C		180B	180B		240B	240B	
			090C	090C					210C	210C		241B	241B	
			090D	090D					150E	180E		241C	241C	
			091D	091C								300B	300B	
			102C	091D								301D	301C	
			120C	120C								180E	180E	
				150C								210E	210E	
												221E	221E	
												240E	240E	
												241E	241E	
												300E	300E	
												181E	181E	
												181E	181E	
												301E	301E	

General Notes:

(1) If accessing Thru-The-Base options, the curb must be an April 1994 or present model curb as shown Thru-The-Base connections. The older curb models are not wired for these connections. The units will still fit the curb but the Thru-The-Base connections will not be available.

(2) [illegible] are not [illegible] units. These units were manufactured in [illegible] and will not fit any [illegible] curb.

(3) For [illegible] curbs, all horizontal [illegible] and all horizontal [illegible] units will fit the downflow curbs, but DWP/PVC CH-6 duct must be installed across the bottom of the evaporator section of the unit to prevent condensate leakage into the space.

(4) If another manufacturer's curb was used initially, the adapter curb may not fit.

Table LACIN-1-C — Convertible 3-10 Ton Curb Adapters

Model Number	Description
BAYGNCB311A	Quick Adapt Roof Curb Converts BAYCURB6311 to Convertible 3 - 5 Ton
BAYGNCB311B	Quick Adapt Roof Curb Converts BAYCURB6322 to Convertible 3 - 5 Ton
BAYGNCE11A	Quick Adapt Roof Curb Converts BAYCURE522 to Convertible 5 - 10 Ton
BAYGNCE011A	Quick Adapt Roof Curb Converts BAYCURE622 to Convertible 5 - 10 Ton
BAYGNCE013A	Quick Adapt Roof Curb Converts BAYCURE633 to Convertible 5 - 10 Ton
BAYGNCB044A	Quick Adapt Roof Curb Converts BAYCURB633 to BAYCURB637
BAYGNCB044A	Quick Adapt Roof Curb Converts CRRFCURB630 (A01) to BAYCURB642A
BAYGNCB011A	Quick Adapt Roof Curb Converts CRRFCURB630 (A01) to BAYCURB643A
BAYGNCB022A	Quick Adapt Roof Curb Converts CRRFCURB630 (A01) to BAYCURB644A

Note: If another manufacturer's curb was used initially, the adapter curb may not fit.

For complete equipment / combination applications, installation instructions and warranty information, please refer to Product Data Ratings and/or Installation Guides and Limited Warranty Handbooks.

6-20 Tons Split System

Table LAC/IN-2-A — Allowable Elevation Difference: Cooling-only TTA above indoor unit

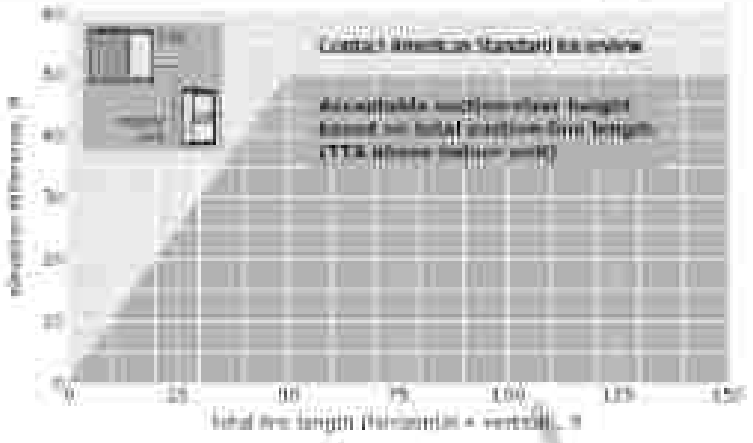


Table LAC/IN-2-B — Allowable Elevation Difference: TWA heat pump above indoor unit

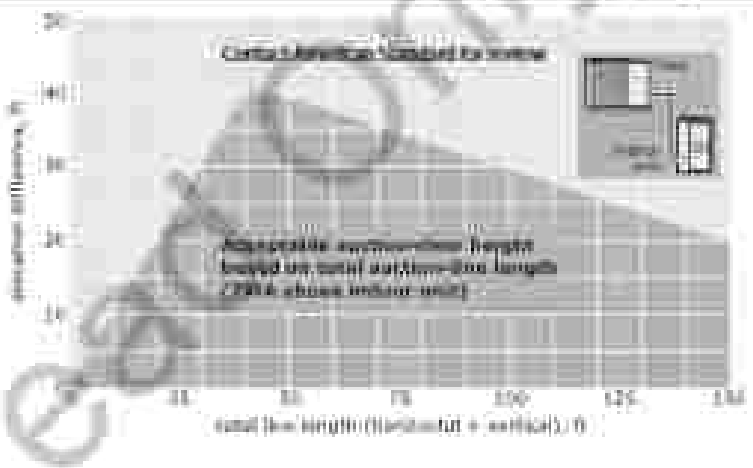
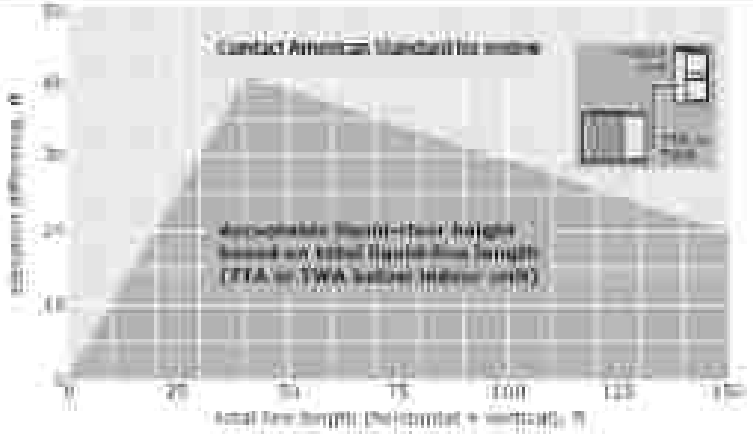


Table LAC/IN-2-C — Allowable Elevation Difference: TTA or TWA above indoor unit



Light Commercial Application Information

Read Only