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HEATING & AIR CONDITIONING



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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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Model Nomenclature Residential

Outdoor Units

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	4	A	S	V	O	G	3	S	A	I	Q	U	R	A	A
Refrigerant Type															
1 = R-22															
4 = R-410A															
A.T = American Standard															
Product Type															
4 = W/ Scrollstart Pump															
7.T = Split Cooling															
Product Family															
V = Variable Speed															
M or B = Basic															
A = Light Commercial															
C = Commercial															
S = Side Discharge															
2 = Leadership															
X = Leadership															
R = Replacement Model															
Female SEER															
2 = 13															
4 = 14															
6 = 15															
8 = 16															
10 = 17															
12 = 18															
14 = 19															
16 = 20															
18 = 21															
Split System Connections 1/8" or 1/4"															
3 = Standard															
Nominal Capacity in 1000s of BTU/h															
Major Design Modifications															
Power Supply															
1 = 208-230/1/60															
2 = 208-230/3/60															
3 = 208-230/3/60															
4 = 480/3/60															
Secondary Function															
Minor Design Modification															
Unit Parts Identifier															

Accessories

	1	2	3	4	5	6	7	8	9	10	11
	A	T	E	C	O	N	O	D	I	A	A
Devices/Accessories											
Accessories Type (Example: DAYCIR, ANA, RT)											
ASCT = Anti-Cycle Timer											
BAHM = Barometric Relief											
RASE = Subbase											
BTQZ = Ducting Kit Adapter											
CHT = Condensate Heater											
CLE = Coil Enclosure											
CLPB = Roof Cable											
CMFR = Damper											
CONFLW = Condensate Conversion Kit											
ECMT = Extreme Mounting Kit											
ECOW = Economizer											
ENTH = Entropy Control											
FLTR = Filter											
GARD = Coil Guard											
GRLE = Return Air Grill											
HALT = High Airflow Kit											
HGRB = Hot Gas Bypass Control											
HGRM = High Static Motor											
HTRA = Electric Heater											
(Digit 7 is Used To Differentiate The Products/Accessories in Unit W/N)											
ISLT = Isolator											
KSAT = Start Accessory Kit											
LEDS = Sensor Logic											
LEDSCAP = Leveling Caps											
LIFT = Lifting Lug Kit											
Low Ambient Control											
Low Static Drive											
New Kit Accessory Kit											
Panel											
Plenum											
Appliance Hanger											
Refrigerant Lines											
Roller											
Seal Guard Kit											
Sensor											
Single Power Entry Kit											
Thermostat											
Three Phase Entry Kit											
Test Accessories											
Transformer											
Unloading Kit											
Cooling											
Black Man Steel Kit											
Heat Pump											
Man Road Kit											
Curb Ext. Kit											
Transition Kit											
Waterbury											
Hydronic Heat Cols.											
Wire Kit											
2 Stage Gas											
Major Design Change											
Numbers Are Sequentially Assigned Except For Electric Heaters.											
On Electric Heating Digit 6 is Used To Identify Voltage And Digit 8											
And 10 Are Used To Identify Capacity In KW's											
Minor Design Change											
Accessory To Unit Match-up (When Required)											
Service Digit - Not Orderable											

ForeFront Air Handler

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	G	A	M	2	A	O	A	S	E	3	3	1	3	A	A
Brand															
T = American Standard															
Q = Good (American Standard Brand)															
Product type															
4 = Air Handler															
E = Air Handler															
Convertibility															
M = Multi-speed 4-way															
P = Upflow Front Return, 3-way															
T = 3-way															
Product line															
2 = Const. Entry Level Feature Set															
4 = Better, Retail Replacement Mid Effic.															
5 = Better, Entry Level High Effic., Multi-Speed															
7 = Best, Retail Replacement High Effic., Variable-Speed															
8 = Best, Retail Ultimate High Effic., Variable-Speed															
9 = Best, Current 24V Variable-Speed															
Q = Best, Commercial															
Major Design Change															
No Upcasing															
0 = Air Handler / Coil															
Size (Footprint)															
A = 17.5 x 21.5															
B = 20.5 x 21.5															
Q = 23.5 x 24.5															
Cooling Size - Air Handler or Coil															
0 = Air Cdr - 1000 BTU/h (16, 24, 30, 36, 42, 48, 60)															
Airflow type & Capacity															
S = Standard Effic. (1.0 - 1.5 - nom. tonnage (division))															
M = Mid Effic. Mid-Speed, 1.5 - nom. tonnage (division)															
H = High Effic. Variable, 1.5 - nom. tonnage (division)															
V = High Effic. Variable, 1.5 - nom. tonnage (division)															
Power Supply															
1 = 208-230/1/60															
System Control type															
S = Standard - 24 VAC															
C = CLM 13.8 VDC															
Q = Dual 24 VAC / CLM 13.8 VDC and Epoxy Coated Cast Film															
E = Epoxy Coated Cast Film															
Minor Design Change															
Service Digit - Not Orderable															

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	B	A	V	A	A	C	1	5	B	K	1	A	A	A	A
Brand															
3 = Both Brands															
Product type															
AV = Auxiliary															
Heat type															
3 = Electric Heater															
Product line															
4 = TAMB, TAMB, GAMB, TAMB															
5 = TAMB, TAMB															
C = GAF2															
Size (Footprint)															
6-C = Minimum Cabinet Width															
Size (Footprint)															
6-C = Minimum Cabinet Width															
Electric Heat Input															
Electric Heat kW															
Connection															
SA = Breaker															
LC = Lug															
Power Supply															
1 = 208-230/1/60															
4 = 200/1/60															
3 = 208-230/3/60															
Major Design Modification															
Minor Design Modification															
Service Digit - Not Orderable															

Model Nomenclature Residential

Air Handler - Residential

Brand

T = American Standard

Product Type

E = Metal Cabinet

G = Metal Over-Hot Water Heater

Convertibility

M = Multi-speed 4-way

Product Line

3 = Entry Level Multi-Speed

4 = Entry Level Multi-Speed

5 = Entry Level High Efficiency

6 = Entry Level Variable Speed

8 = Entry Level Comfy24V Variable Speed

Major Design Change

No Description

0 = Air Handler / Coil

Size (Footprint) (W x D)

A = 20.5 x 15.0

B = 18.5 x 21.1 (TEWL 22.0 x 19.0 (TMM))

C = 23.5 x 21.1

D = 26.5 x 21.1

Cooling Size: Air Handler or Coil

0-8 = AH Coil - 1000 BTU/h (18, 24, 30, 36, 42, 48, 60)

Airflow Type & Capability

S = Standard EFL, 1-5 - nom. Tonnage (d/min)

M = Mid EFL Multi-Speed, 1-5 - nom. Tonnage (d/min)

H = High EFL Variable, 1-5 - nom. Tonnage (d/min)

V = High EFL Variable, 1-5 - nom. Tonnage (d/min)

Power Supply

1 = 208-230/1/60

System Control Type

S = Standard - 24 VAC

C = CLIR 13.3 VDC

D = Dual (24 VAC / CLIR 13.3 VDC)

Minor Design Change

Service Digit - Not Orderable

Air Handler Electric Furnace Heaters

Accessory

Heater

Power Supply

1 = Single Phase

3 = Three Phase

Series/Family

3 = 241 EM Models Only

4 = ATEC / Legacy

5 = TEM Models Only

Heater KW

Electrical Connection

000 = Pig Tails Only

BPC = Circuit Breaker

RDC = Pull Disconnect

RSP = Recession Breaker-Trip (1/2" Deep only)

RSD = Recession Pull Disconnect (1/2" Deep only)

Minor Design Change

Air Handler

Refrigerant Type

Model Type

FWC = Convertible

FWH = Convertible with Constant Torque ECM Motor

FWM = Split Mount with Factory Installed Electric Heat

FWD = Run-Down Uncooled with Factory Installed Electric Heat

FWF = Run-Down Cooled with Factory Installed Electric Heat

Insulation

A = Standard

F = R4.2 Insulation

Capacity

Nominal Capacity in 1000's (BTU/h)

Major Design Change

Power Supply

1 = Single Phase

Electrical Connection

0 = Pig Tails

D = Pull Disconnect

Electric Heater

00 = No heater

05 = 5 KW

08 = 8 KW

10 = 10 KW

15 = 15 KW

20 = 20 KW

Minor Design Change

Service Digit - Not Orderable

Model Nomenclature Residential

Gas Furnaces

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

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

Number of Heating Stages
 T = Single Stage
 S = Two Stage
 M = Modulating

Cabinet Width
 A = 14.5" Cabinet Width
 B = 17.5" Cabinet Width
 C = 21.5" Cabinet Width
 D = 24.5" Cabinet Width

Heating Input in 1000's (BTU/H)
 80 = 80,000 BTU/H

Major Design Change

Voltage
 9 = 115 Volts / 60 Hertz / Natural Gas
 C = 115 Volts / 60 Hertz / Natural Gas
 F = 115 Volts / Natural Gas with Communicating System Control
 D = 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 V3 = 3 Tons H3 = 3 Tons
 36 = 3 Tons V4 = 4 Tons H4 = 4 Tons
 42 = 3.5 Tons V5 = 5 Tons H5 = 5 Tons
 48 = 4 Tons
 54 = 4 Tons
 60 = 5 Tons
 72 = 6 Tons

Unit Inducer Speed
 1 = Single Speed
 2 = Two Speed
 V = Variable Speed

Minor Design Change

Service Digit - Not Orderable

S-Series Furnaces

Level
 S = Series

AFUE
 8 = 80%
 9 = 90% or Higher

Blower
 B = Basic model PSC
 P = PSC
 V = CTM
 V = Variable Speed

Gas Valve Stages
 T = Single Stage
 S = 2 Stage
 M = Modulating

Cabinet Width
 A = 14.5"
 B = 17.5"
 C = 21.5"
 D = 24.5"

BTU Input
 80 = 80,000 BTU/H

Pulse Options
 L = 3 Way
 D = Electronic Downflow
 M = 4 Way Pulse

Air Capacity for Cooling
 (in reversal tons)
 2 = 2 Tons
 3 = 3 Tons
 4 = 4 Tons
 5 = 5 Tons

Inducer Type
 B = PSC
 V = CTM
 V = Variable Speed

Communicating Capability
 C = Communicating System Control

Major Design Change

Minor Design Change

Service Digit - Not Orderable

Model Nomenclature Residential

Heat Pump/ Cooling Coils	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	4	T	X	C	B	0	2	8	A	3	H	C	A	A	A
Refrigerant Type 4 = R-410A															
Series T = Premium (Cooling and HP) X = Premium (Cooling and HP) P = Premium High Efficiency, Dedicated (Cooling and HP) C = Standard (Cooling Only) B = Entry Level (Cooling Only) 0 = Entry Level (Cooling and HP) 2 = Entry Level (Cooling and HP)															
Coil Design X = Direct Expansion-Evaporator Coil															
Coil Profile C = Cased A Coil A = Uncoiled A Coil F = Cased Horizontal Flat Coil															
Coil Width (Cased/Uncoiled) A = 14.5" / 13.5" B = 17.5" / 16.5" C = 21.0" / 19.0" D = 24.5" / 23.5" H = 10.5"															
Refrigerant Line Coupling A = Standard D = Upflow only, convertible to Horizontal Right R = Downflow only, convertible to Horizontal Right															
Nominal Capacity in 1000's (BTU/h) Model Number Underpinner															
Major Design Change															
Efficiency C = Standard E = High Efficiency (derived from 10 SEER products) A = High Efficiency (TAV modules to 50%)															
Refrigerant Control 3 = TXV - Non-Blended B = PCCV (Pilot Control/Check Valve)															
Coil Circuity H = Heat Pump C = Cooling															
Airflow Configuration A = Upflow U = Upflow / Downflow D = Downflow R = Downflow / Horizontal Right H = Horizontal Left/Right C = Downflow - Upflow; Downflow, Left or Right															
Minor Design Change															
Service Unit - Not Orderable															

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 E A L F R 3 0 5 A A

Brand _____
 Filtration _____
 HD _____

Size _____
 Furnace Upflow: 145 = 14.5" 14D = 14.5" 215 = 21.5"
 Furnace Downflow: 175 = 17.5" 17D = 17.5" 235 = 23.5"
 Air Handler: 210 = 21.0" 21D = 21.0" 260 = 26.0"
 245 = 24.5" 24D = 24.5"

Major Design Series _____
 Power Supply _____
 L = Low Voltage

Application _____
 AH000 = Air Handler
 FH000 = Furnace

Minor Design _____
 Service Sequence Not Orderable

TXV Kits

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

Manufacturer _____
 4 = R-410A
 2 = R-22

Accessory _____
 Accessory Type _____
 TXV Kit

Compatibility _____
 Cooling & Heat Pump Compatible

Flow Control _____
 3 = TXV - Non Scaled

Major Design Change _____
 B = Internally Mounted (Mechanical Filtration)
 C = Internally Mounted (Mechanical Filtration)
 D = Internally Mounted (Mechanical Filtration)

Minimum Nominal Capacity in 600's BTU's _____
 Maximum Nominal Capacity in 600's BTU's _____

Minor Design Change _____
 Service Uplift - Not Orderable

Perfect Fit™ Air Cleaner

1 2 3 4 5 6 7 8 9 10 11 12
 T F M 175 B 8 FR 1 1

Filter _____
 Filter Type _____
 M = Media, 8 Inch, 1 Inch

Product Dimension _____
 145 = 14.5 Inch Furnace Width 215 = 21.5 Inch Air Handler Width
 175 = 17.5 Inch Furnace Width 235 = 23.5 Inch Air Handler Width
 210 = 21.0 Inch Furnace Width 260 = 26.0 Inch Air Handler Width
 245 = 24.5 Inch Furnace Width

Product Development Sequence _____
 B = 5" Expandable Media

Voltage _____
 1 = 240V 3 = 208V

Product Description _____
 AH = Air Handler
 FH = Furnace

Minor Design Change _____
 Service Uplift - Not Orderable

Perfect Fit™ Filter Accessories

1 23 45 67 89 10 11 12
 B AY FT FH EX W Z A

Business Unit _____
 Accessory _____
 Filter _____

Product Type _____
 AH = Air Handler
 FH = Furnace

Size _____
 EX = Expandable

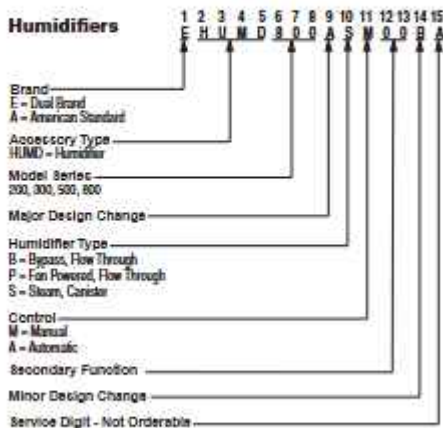
Type _____
 M = Media, 5 Inch

Quantity _____
 1 = 1 2 = 2 4 = 4 D = (None)

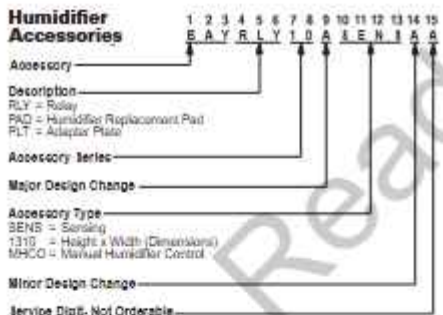
Minor Design Change _____

Model Nomenclature Residential

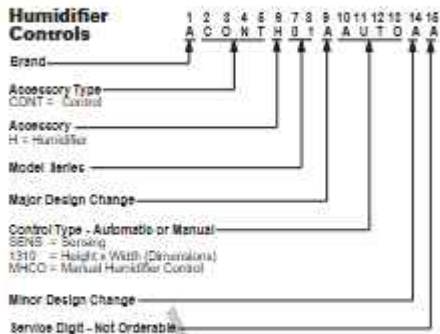
Humidifiers



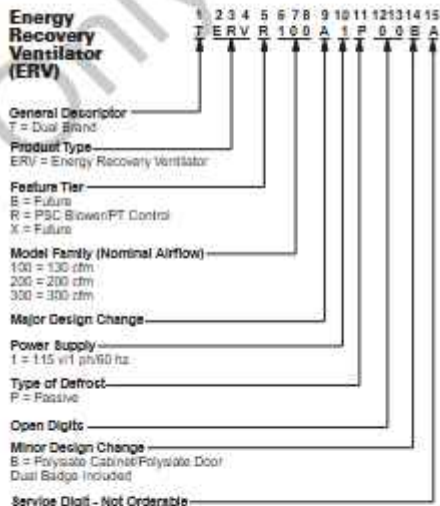
Humidifier Accessories



Humidifier Controls



Energy Recovery Ventilator (ERV)



Model Nomenclature Residential

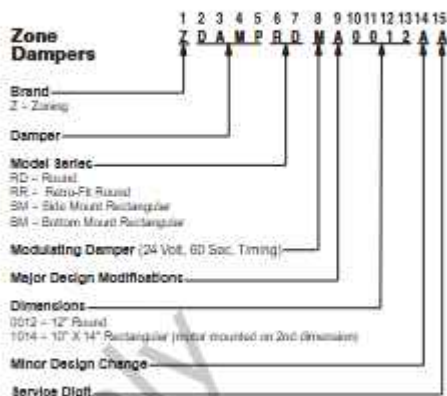
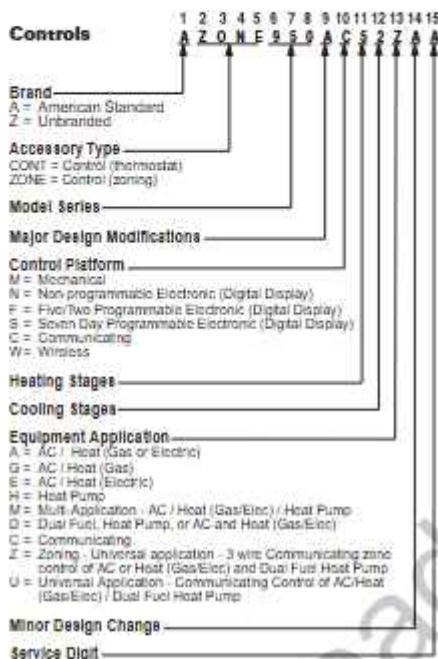
Packaged Units

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	A	Y	C	X	3	0	4	2	A	3	0	3	0	A	A
Refrigerant															
Type															
Y = Gas Electric															
W = Heat Pump															
D = Dual Fuel															
T = Air Conditioner															
Configuration															
C = Convertible															
H = Horizontal (only)															
Model Tier															
C = Entry Level															
X = Upgrade															
Y = Premium															
Z = Leadership (2-Stage)															
Efficiency Tier															
3 = 13 SEER															
4 = 14 SEER															
5 = 15 SEER															
6 = 16 SEER															
Capacity in 1000's (BTUH)															
218 = 042															
224 = 048															
230 = 060															
236 =															
Major Design Change															
Voltage & Phase															
1 = 230V 1 Phase															
3 = 230V 3 Phase															
4 = 460V 3 Phase															
Gas Heat Input (MBTUH)															
003 (AC or HP) = 075															
040 = 096															
064 = 120															
Minor Design Change															
Service Digit - Not Orderable															

Packaged Units (Pre-410A Refrigerant)

	1	2	3	4	5	6	7	8	9	10	11	12
	Y	C	X	3	0	3	0	4	2	A	3	0
Product Type												
TD = Cooling Electric Heat												
WD = Heat Pump Package												
YC = Gas Electric												
DC = Heat Pumps with Gas Heat												
Airflow Configuration												
D = Downflow												
Y = Super High Efficiency												
H,K = Horizontal												
Z = Ultra High Efficiency												
C = Convertible												
X = High Efficiency												
Cooling Capacity in 1000's (BTUH)												
058 = 1 1/2 Tons												
065 = 2 Tons												
070 = 2 1/2 Tons												
080 = 3 Tons												
086 = 3 1/2 Tons												
090 = 4 Tons												
096 = 4 1/2 Tons												
100 = 5 Tons												
Commercial High Efficiency Units												
101 = 12 1/2 Tons												
101 = 15 Tons												
211 = 17 1/2 Tons												
241 = 20 Tons												
301 = 25 Tons												
Major Design Change												
F = Intraduct - Side by Side - R. Smith Only												
B = Over/Under - R. Smith Only												
G = Intraduct Heat - Side by Side - R. Smith Only												
Electrical Characteristics												
1 = 208/230V/1/60												
3 = 208/230V/3/60												
4 = 480/3/60												
Secondary Capacity And/Or Factory-Installed Options												
DO = No Heat, No Options												
LO = Low Heating Capacity												
MO = Medium Heating Capacity												
HO = High Heating Capacity												
Minor Design Change												
Service Digit - Not Orderable												

Model Nomenclature Residential



Model Nomenclature Residential

Ductless Indoor Unit

Refrigerant
4 = R-410A

Unit Type
M = Indoor Unit
U = Pro Series

Functional Type
X = Heat Pump Inverter
Y = Cooling Only Inverter

Configuration Indoor Unit
W = High Wall Unit
D = Ceiling Concealed Unit
C = Cassette Unit
F = Floor Console Unit
X = Convertible (Floor/Ceiling) Mount
L = Cassette Panel Cover

Efficiency Tier
16 = 16 Series
65 = 65 Series
85 = 85 Series
20 = Pro Series
22 = 22 Series
27 = 27 Series
38 = 38 Series

Nominal Capacity (Btu/h x 1,000)
09 = 9,000 Btu/h 24 = 24,000 Btu/h 48 = 48,000 Btu/h
12 = 12,000 Btu/h 30 = 30,000 Btu/h
18 = 18,000 Btu/h 36 = 36,000 Btu/h
21 = 21,000 Btu/h 42 = 42,000 Btu/h

Major Development Sequence
A, B, C, etc. = Major Development Sequence

Electro Power Supply Characteristics
T = 208-230/60/1
L = 115/60/1

Reserved for Future Use
0 = Not Currently Used

Regional Markets Served (1:1 Systems)
N = North America Market

Reserved for Future Use
0 = Not Currently Used

Minor Design Sequence
A, B, C, etc. = Minor Design Sequence

Service Digit
A, B, C, etc. = Service Digit Sequence

Ductless Outdoor Unit

Refrigerant
4 = R-410A

Brand
P = Outdoor Unit

Functional Type
X = Heat Pump Inverter
Y = Cooling Only Inverter

Configuration Outdoor Unit
K = Single Refrigerant Circuit
M = Multiple Refrigerant Circuits
U = Pro Series

Efficiency Tier
16 = 16 Series
65 = 65 Series
85 = 85 Series
20 = Pro Series
22 = 22 Series
27 = 27 Series
38 = 38 Series

Nominal Capacity (Btu/h x 1,000)
09 = 9,000 Btu/h 24 = 24,000 Btu/h 48 = 48,000 Btu/h
12 = 12,000 Btu/h 30 = 30,000 Btu/h
18 = 18,000 Btu/h 36 = 36,000 Btu/h
21 = 21,000 Btu/h 42 = 42,000 Btu/h

Major Development Sequence
A, B, C, etc. = Major Development Sequence

Electro Power Supply Characteristics
T = 208-230/60/1
L = 115/60/1

Reserved for Future Use
0 = Not Currently Used

Regional Markets Served (1:1 Systems)
N = North America Market

or Number of Refrigerant Ports
(Multi-Split Systems)
2 = Two Port System
3 = Three Port System
4 = Four Port System
5 = Five Port System

Reserved for Future Use
0 = Not Currently Used

Minor Design Sequence
A, B, C, etc. = Minor Design Sequence

Service Digit
A, B, C, etc. = Service Digit Sequence

Model Nomenclature Residential

American Standard AccuFlex™ Commercial "C" Series

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	4	T	U	K	4	5	13	A	1	G	N	G	B	A		
Refrigerant—																
4 = R-410A																
Product Type—																
M = Mini split indoor unit																
T = Mini split outdoor unit																
System Type—																
U = C-Series Universal Match																
Configuration Type—																
C = Traditional 4-way square cassette indoor unit																
D = Ducted indoor unit																
K = Outdoor unit																
M = Vertical ducted indoor unit																
S = Circular round cassette indoor unit																
W = High wall indoor unit																
Type—																
4 = Heat Pump																
L = Low ambient cooling																
Connection Type—																
5 = Flare																
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—																
T = 208-230/60/1																
Reserved for future use—																
0 = Standard																
Miscellaneous digit—																
N = North America 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																

Model Nomenclature Residential

VRF Mini Outdoor Unit

Refrigerant
4 = R-410A

Brand Name
T = Mini-Split Outdoor Unit

System Type
V = Variable Refrigerant Flow

Functional Type Outdoor Unit
R = Heat Pump, DC Inverter (VRF)
R = Heat Recovery (3-pipe), DC Inverter (VRF)

Special Application

0 = Standard

Nominal Capacity (Btu/h x 1,000)

036 = 36,000 Btu/h 120 = 120,000 Btu/h
 048 = 48,000 Btu/h 144 = 144,000 Btu/h
 060 = 60,000 Btu/h 168 = 168,000 Btu/h
 072 = 72,000 Btu/h 192 = 192,000 Btu/h
 096 = 96,000 Btu/h

Major Development Sequence

B = Second Development Sequence
 C = Third Development Sequence

Electric Power Supply Characteristics

1 = 208-230/60/1
 3 = 208-230/60/3
 4 = 460/60/3

Reserved for Future Use

0 = Not Currently Used

Reserved for Future Use

0 = Not Currently Used

Region of Sale

N = North America (UL or ETL)

Minor Design Sequence

A = First Minor Design Sequence
 B = Second Design Sequence

VRF Outdoor Unit

Refrigerant
4 = R-410A

Brand Name
T = Mini-Split Outdoor Unit

System Type
V = Variable Refrigerant Flow

Functional Type Outdoor Unit
R = Heat Pump, DC Inverter (VRF)
R = Heat Recovery (3-pipe), DC Inverter (VRF)

Special Application

0 = Standard
 L = ProHeat

Nominal Capacity (Btu/h x 1,000)

036 = 36,000 Btu/h 120 = 120,000 Btu/h
 048 = 48,000 Btu/h 144 = 144,000 Btu/h
 060 = 60,000 Btu/h 168 = 168,000 Btu/h
 072 = 72,000 Btu/h 192 = 192,000 Btu/h
 096 = 96,000 Btu/h

Major Development Sequence

B = Second Development Sequence
 C = Third Development Sequence (Next Generation)

Electric Power Supply Characteristics

1 = 208-230/60/1
 3 = 208-230/60/3
 4 = 460/60/3

Reserved for Future Use

0 = Not Currently Used

Reserved for Future Use

0 = 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

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 = Floor Standing
L = Slim Duct Type (Low Pressure)
M = Convertible Ducted
N = Ductless Outside Air Units
S = Circular Cassettes
3 = Convertible Floor/Ceiling
W = High Wall Type

Reserved for Future Use

0 = Not Currently Used

Nominal Capacity (Btu/h x 1,000)

007 = 7,000 Btu/h 030 = 30,000 Btu/h
 009 = 9,000 Btu/h 036 = 36,000 Btu/h
 012 = 12,000 Btu/h 048 = 48,000 Btu/h
 015 = 15,000 Btu/h 072 = 72,000 Btu/h
 008 = 8,000 Btu/h 096 = 96,000 Btu/h
 024 = 24,000 Btu/h

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

0 = Not Currently Used

Reserved for Future Use

0 = Not Currently Used

Region of Sale

N = North America (UL or ETL)

Minor Design Sequence

A = First Design Sequence
 B = Second Design Sequence

Model Nomenclature Light Commercial

Commercial Condensing Units Cooling and Heat Pump

	1	2	3	4	5	6	7	8	9	10	11	12
	T	T	A	B	B	B	D	3	H	R	B	0
Product Type	TTA = Split Cooling TWA = Split Heat Pump											
Nominal Gross Cooling Capacity (MBH)												
Cooling												
000 = 7 1/2 Tons												
120 = 10 Tons												
150 = 12 1/2 Tons												
180 = 15 Tons												
240 = 20 Tons												
300 = 25 Tons												
Compressor												
D = Single Compressor (R-410A)												
E = Dual Compressor (R-410A)												
F = Dual Manifolled Compressor (R-410A)												
Electrical Characteristics												
3 = 208 - 230/3/60 4 = 460/3/60 W=575/3/60												
Factory-installed Options												
0 = No Heat Guard												
H = Heat Guard												
Factory-installed Options												
0 = Packed Stock, No Options												
S = Epoxy Coat												
R = Roll-Up Coil												
T = Roll-Up Coil with Epoxy Coat												
Minor Design Change												
Service Split - Not Orderable												

Air Handler - Commercial

	1	2	3	4	5	6	7	8	9	10	11	12
	T	W	E	0	0	0	D	1	0	0	A	0
Product Type	TW = Cooling/Heat Pump											
Airflow Type	E = Convertible - Upflow/Horizontal Only											
Nominal Gross Cooling Capacity (MBH)												
000 = 5 Tons												
090 = 7 1/2 Tons												
120 = 10 Tons												
150 = 12 1/2 Tons												
Refrigeration Circuits												
D = Single Circuit												
E = Dual Circuit, R-410A												
Electrical Characteristics												
1 = 208-230/1/60												
2 = 208-230/3/60												
4 = 460/3/60												
Factory-installed Options												
00 = Packed Stock (No Options) Standard Motor - Electronic Controls												
01 = 2 speed VFD Standard Motor - Electronic Controls												
04 = 2 speed VFD Standard Motor - Electronic Controls												
05 = 5/20V VFD Standard Motor - Roll-Up Controls™												
06 = 5/20V VFD Standard Motor - Roll-Up Controls™												
Minor Design Change												
Service Split - Not Orderable												

Model Nomenclature Light Commercial

Packaged Units

Y H C Q 3 7 E 3 R Z B * * C Q Q Q A 1 Q Q Q Q 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

- 1 = DX Cooling
- Y = DX Cooling, Gas Heat

Digit 2 – Efficiency

- H = High Efficiency

Digit 3 – Airflow

- C = Comfortable

Digit 4,5,6 – Nominal Gross Cooling Capacity (Btuh)

- 037 = 3 Tons
- 047 = 4 Tons
- 057 = 5 Tons

Digit 7 – Major Design Sequence

- E = H-4154 (Hefrigerant)

Digit 8 – Voltage Selection

- 3 = 208-230/1/3
- 4 = 460/3/3

Digit 9 – Unit Control

- H = Heat/Rel™ Microprocessor

Digit 10 – Heating Capacity

- 0 = No Electric Heat
- 1 = 18 kW (1A3 phase)
- 2 = 18 kW (2 phase)
- 3 = 23 kW (3 phase)
- L = Low Heat
- M = Medium Heat
- H = High Heat

- X = Low Heat, Stainless Steel Heat Exchanger
- Y = Medium Heat, Stainless Steel Heat Exchanger
- Z = 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 = Manual 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, Humidifier Enthalpy 0-100% without Barometric Relief
- F = Economizer, Humidifier 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, Humidifier Enthalpy with Barometric Relief

Digit 15 – Supply Fan/Drive type/Motor

- 0 = Standard Drive
- 1 = Overhead Motor
- 2 = Optional Belt Drive Motor
- 3 = Single Zone VAV
- 4 = Multi-Speed Indirect Fan
- 5 = VAV Supply Air Temperature Control Standard Motor

Digit 16 – Hinged Service Access/Filter

- 0 = Standard Panels/Standard Filters
- A = Hinged Access Panels/Standard Filters
- B = Standard Panels/2" MERV 7 Filters
- C = Hinged Access Panels/2" MERV 7 Filters
- D = Standard Panels/2" MERV 13 Filters
- E = Hinged Access Panels/2" MERV 13 Filters

Digit 17 – Condenser Coil Protection

- 0 = Standard Coil
- 1 = Standard Coil with Heat Guard
- 2 = Black Epoxy Pre-Coated Condenser Coil
- 3 = Black Epoxy Pre-Coated Condenser Coil with Heat Guard
- 4 = Complete Coil™ Condenser Coil with Heat Guard
- 5 = Complete Coil™ Condenser Coil with Heat Guard

Digit 18 – Through the Base Provisions

- Note: Applicable to Digit 1, T only models

- 0 = No Through the Base Provisions
- A = Through the Base Electric
- B = Through the Base Gas
- C = Through the Base Electric and Gas

Digit 19 – Disconnect Circuit Breaker

- (three - phase only)

- 0 = No Disconnect Circuit Breaker
- 1 = Unit Mounted, Non-Fused Disconnect
- 2 = Unit Mounted Circuit Breaker

Digit 20 – Convenience Outlet

- 0 = No Convenience Outlet
- 1 = Ungrounded Convenience Outlet
- 2 = Grounded Convenience Outlet (Break-Phase only)

Digit 21 – Communications Options

- 0 = No Communications Interface
- 3 = Newer 3051 Controls
- 4 = Newer 3051 Controls with Zone Sensor
- 5 = Newer 3051 Controls Interface with DCV
- 6 = BACnet™ Communications Interface

Digit 22 – Refrigeration System Option

- 0 = Standard Refrigeration System
- 1 = Dehumidification Option

Digit 23 – Refrigeration Control

- Note: Applicable to Digit 1 = C

- 0 = No Refrigeration Control
- 1 = Manual
- 2 = Comfortable Heater
- 3 = Manual and Comfortable Heater

Digit 24 – Smoke Detector

- 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 = Clogged Filter Switch
- 2 = Fan Failure Switch
- 3 = Discharge Air Sensing Tube
- 4 = Clogged Filter Switch and Fan Failure Switch
- 5 = Clogged Filter Switch and Discharge Air Sensing Tube
- 6 = Fan Failure Switch and Discharge Air Sensing Tube
- 7 = Clogged Filter and Fan Failure Switch and Discharge Air Sensing Tube
- 8 = Newer 3051 Zone Sensor
- 9 = Condensate Drain Pan Overflow Switch
- 0 = Clogged Filter Switch/Condensate Drain Pan Overflow Switch
- 1 = Fan Failure Switch/Condensate Drain Pan Overflow Switch
- 2 = Discharge Air Sensing/Condensate Drain Pan Overflow Switch
- 3 = Clogged Filter Switch/ Fan Failure Switch/Condensate Drain Pan Overflow Switch
- 4 = Clogged Filter Switch/Discharge Air Sensing Tube and Condensate Drain Pan Overflow Switch
- 5 = Fan Failure Switch/Discharge Air Sensing Tube and Condensate Drain Pan Overflow Switch
- 6 = Clogged Filter Switch/ Fan Failure Switch/Discharge Air Sensing/Condensate Drain Pan Overflow Switch

Digit 26 – System Monitoring Controls

- 0 = No Monitoring Controls
- A = Demand Control Ventilation (DCV)
- B = Fault Detection and Diagnostics (FDD)
- C = Fault Detection and Diagnostics (FDD) with Demand Control Ventilation

Digit 27 – Unit Hardware Enhancements

- 0 = No Enhancements
- 1 = Stainless Steel Drain Pan

Digit 31 – Advanced Unit Controls

- 0 = Stainless Steel Drain Pan
- 1 = Human Interface

- 0) Standard on all variable speed units.
- 1) Many units are shipped with this factory supplied unit with the unit must be field installed.
- 2) High pressure control is standard on all units.
- 3) Constant CFM direct drive is standard for 3-5 Tons variable speed units.

Digit 10 = 6, 4

- 3 Phase (3-5 tons) + High Efficiency Constant CFM

- 0) Economizer with Barometric Relief is for economizer equipped units only. Order Economizer without Barometric Relief for horizontal configurations. Barometric Relief for horizontal configurations must be ordered as field installed accessory.

- 0) Through the base electric required when ordering dehumidification options.
- 1) Requires use of Disconnect or Circuit Breaker.

Not Available

- High Efficiency
- 3-5 ton subvertical indoor units (VAV)
- Gas leak sensing device (not in TXS)
- The return air smoke detector may not fit up to work properly in the Freshline units when used in conjunction with the gas leak sensing device as it is not a leak sensing device and power is not available. Do not order the return air smoke detector when using this type of sensing device.
- Return Air Smoke Detector cannot be ordered with Freshline Controls.

- 0) These options are standard when ordering Freshline Controls.
- 1) This option is used when ordering Newer Controls.
- 2) Includes gas piping and shaft (field assembly required).
- 3) Not available with high temperature duct sensors (necessary).
- 4) Newer Sensor utilized with Digit 21 = (1) Newer 3051 Controls without Zone Sensor.
- 5) Available for 7/11 3-5 ton high efficiency models.
- 6) Requires selection of 2" Plenum Pans (option B or C) to Digit 18.

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

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

- E = Packaged Cooling, Electric Heat
- G = Packaged Cooling, Electric Heat

Digit 2 – Efficiency

- A = ASHRAE 90.1 - 2010

Digit 3 – Airflow Configuration

- C = Constant
- D = Downflow Only

Digit 4, 5, 6 – Nominal Gross Cooling Capacity (Btu/h)

- 180 = 15 tons

- 210 = 17 1/2 tons

- 240 = 20 tons

- 300 = 25 tons

Digit 7 – Major Design Sequence

- A

Digit 8 – Voltage Selection

- 3 = 208-230/460V

- 4 = 480/600V

- K = 380/460V

- W = 575/690V

Digit 9 – Unit Controls

- E = Electronic

Digit 10 – Heating Capacity

Note: (Applicable to Digit 1, G models only)

- 0 = No Heat

- G = 58 kW Electric Heat

- H = 38 kW Electric Heat

- I = 54 kW Electric Heat

- R = 72 kW Electric Heat

Note: (Applicable to Digit 1, G models only)

- H = Gas Heat - High

- L = Gas Heat - Low

- M = Gas Heat - Medium

- X = Gas Heat - SS, HI Ex - Low

- W = Gas Heat - SS, HI Ex - Medium

- Z = Gas Heat - SS, HI Ex - High

Digit 11 – Minor Design Sequence

Digit 12-13 – Service Sequence

- 0 = None

Digit 14 – Fresh Air Selection

- 0 = No Fresh Air

- A = Manual Outside Air Damper 0-50%

- B = Manual 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

Digit 15 – Supply Fan/Drive Type/Motor

- 0 = Standard Motor

- 1 = Overload Motor

- 2 = Multi-Speed Standard Motor

- 3 = Multi-Speed Overload Motor

Digit 16 – Not Used

Digit 17 – Condenser Coil Protection

- 0 = Standard Coil

- 4 = CopelandCool™ Condenser Coil

Digit 18 – Through The Base Provisions

Note: (Applicable to Digit 1, G models only)

- 0 = No Through The Base Provisions

- A = Through The Base Electric

- B = Through The Base Electric

- C = Through The Base Electric/Gas

Digit 19 – Disconnect Switch

- 0 = No Disconnect Switch

- 1 = Line Mounted Non-Fused Disconnect Switch

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

- 0 = 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 Build-to-Order. Check order services for estimated production cycle.

④ High heat is available on downflow units only.



**GOLD 824
 ACONT824AS52DA**



ACONT824AS52DA

- Nexia™ Z-Wave Bridge Inside
- Connect over 200 Z-Wave devices (1)
- Wi-Fi or Ethernet connection
- Control from a smartphone, tablet, or computer (2)
- 4.3" diagonal color touchscreen
- 7 Day programmable with up to four schedules per day
- Five day weather forecast, weather radar, and weather alerts (3)
- 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 (5)
- 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) ZSENSAL0400AA
- Remote wireless indoor temperature and humidity sensor (optional): ZSENS930AW00MA
- 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**



ACONT724AS42DA (6)

- Nexia™ compatible (6)
- Wi-Fi connectivity
- Control from a smartphone, tablet, or computer (6)
- 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): ZSENSAL0400AA
- 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. (6)

Dimensions:

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

(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.
 (3) Available 2018

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SILVER 624
ACONT624A S42DA



Conventional 24 Volt Connected Controls

ACONT624A S42DA

- Nexia™ compatible
- Z-wave connectivity
- Control from a smartphone, tablet, or computer (iOS)
- 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. base/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 BAYCOVER600A
- 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

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

(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

AccuLink™ Communicating Connected Controls



PLATINUM 1050
AZON1050AC52ZA



AZON1050AC52ZA

- Nexia™ Z-Wave Bridge Inside
- Connect over 200 Z-Wave devices (000)
- Nexia™ Diagnostics (0)
- WiFi or Ethernet connection
- Control from a smartphone, tablet, or computer (000)
- 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 (0)
- Indoor relative humidity display
- Test modes and alert diagnostics
- Over-the-air Software Upgrade (0)
- 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): ZSENS930AW00MA
- 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

Application:

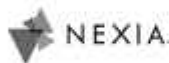
- AccuLink™ communicating systems (variable speed and two stage)
- Variable speed outdoor cooling combined with S-Series non-communicating variable speed furnace and "C" model Relay Panel
- Conventional gas/electric, heat pump, dual fuel systems, or boiler systems (forced air only) with use of relay 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): ZSENS930AW00MA
- Remote wired outdoor temperature sensor (optional) BAYSEN01ATEMPA

Dimensions:

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



PLATINUM 850
ACONT850AC52UA



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 (000)
- 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 (0)
- Indoor relative humidity display
- Test modes and alert diagnostics
- Nexia™ Diagnostics
- Upgradable software
- Silver color
- Wall Cover Plate BAYCOVR800A
- Limited Warranty: 5 yr. base/10 yr. registered

(0) Requires internet service and connection to Nexia™ smart home system.

(0) 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.

Nexia™ Bridges & Starter Bundles



Nexia™ Bridge

Nexia™ Bridge

SKU: 811097020433

- 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 P.C.
- Secure Connection with server for homeowner protection
- Easy Installation and Set-Up

Application:

Use with Nexia™ compatible Z-Wave devices.

Dimensions:

- Nexia™ Bridge: 3.13" w x 4.55" d x 1.2" h
- Shipping Weight: 1 lb.



Nexia™ Bridge

Nexia™ Bridge

SKU: 811097020006

- 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 P.C.
- 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: 811097020129

- Includes Nexia™ Bridge (Z-Wave to broadband), one 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 P.C.
- Secure Connection with server for homeowner protection
- Easy Installation and Set-Up

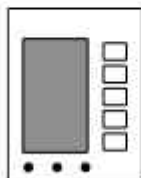
Application:

• 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 1.8" d
- Shipping Weight: 2 lbs.

Scene Controller



Nexia™ One Touch

Nexia™ One Touch

SKU: 811097020341

- Control smart products with the touch of a button (1)
- Assign any mode or automation to any button
- 15 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 4.58" h x .060" d
- Weight: 1 lb.

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 = 800 Watts incandescent, 1/2 HP, 1800 Watt resistive
- Shipping Weight: 1 lb.

Lighting



Z-Wave Light Bulb

LED Light Bulb

SKU: 093863132995

- 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
- 22.6 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: 4.6 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

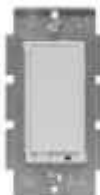
- Turn fan on/off and control up to three speed levels remotely from Nexia™ app
- Interchangeable paddles; white and light almond included in package (wall plate not included)
- Easy to install; includes space-saving screw terminals and neutral jumper wires
- Automate with Nexia™ based on temperature (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

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**G.E. In-Wall Dimmer Switch****Dimmer Switch**

SKU: 043180457127

- Turn light on/off or dim any incandescent lighting remotely from Nexia™ app (i)
- 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 800W
- 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

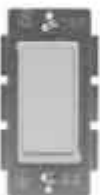
- Turn any light on/off remotely from Nexia™ app (i)
- Interchangeable paddles; white and light almond included in package (wall plate not included)
- Easy to install; includes space-saving screw terminals
- Automate with Nexia™ based on time of day
- Trigger actions from other smart products
- LED indicator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

Application:

- Protocol: Z-Wave
- Power: 120 VAC, 60Hz
- Max Load: 800W Incandescent, 1/2 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. (i)
- 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

Nexia™ Compatible Products



Linear In-Wall Switch

On/Off Switch

SKU: 093863122941

- Turn any light on/off remotely from Nexia™ app (i)
- 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 (i)
- Confirm lock status from a computer or compatible web enabled mobile device (i)
- Assign up to 19 personalized 4 digit codes
- Up to 3 year battery life
- Provides battery level status at the lock and remotely (i)
- 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: 6" x 7.75" x 9.58"
- Shipping Weight: 5.5 lbs.



Deadbolt

Deadbolt Lock

- Remotely engage/release locking mechanism from a computer or compatible web enabled mobile device (i)
- Confirm lock status from a computer or compatible web enabled mobile device (i)
- Assign up to 19 personalized 4 digit codes
- Up to 3 year battery life
- Provides battery level status at the lock and remotely (i)
- 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:

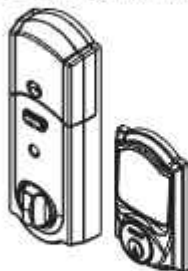
- BAY369BBADBEEA - Bright Brass
SKU: 043156295962
- BAY369SNADBEEA - Satin Nickel
SKU: 043156296187
- BAY369ABADBEEA - Aged Bronze
SKU: 043156296194

Dimensions:

- Carton Size: 5.75" x 7.53" x 8.5"
- Shipping Weight: 6 lbs.

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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 (1)
- Confirm lock status from a computer or compatible web enabled mobile device (1)
- Assign up to 30 personalized 4-8 digit codes
- Up to 3 year battery life
- Provides battery level status at the lock and remotely (1)

- 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:

- BAY469SNACAMEA - Satin Nickel
SKU: 043156312108
- BAY469ABACAMEA - Aged Bronze
SKU: 043156312191
- BAY469BACAMEA - Bright Brass
SKU: 043156312207
- BAY469MBACAMEA - Matt Black
SKU: 0431564051

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	043156908228
LH	Aged Bronze	043156908271
RH	Aged Bronze	043156908264
LH	Bright Brass	043156908219
RH	Bright Brass	043156908202



Gregorian Knobs & Levers

Finish	SKU
Satin Nickel	043156994472
Aged Bronze	043156889938
Bright Brass	043156961245



Finish	SKU
Satin Nickel	043156791422
Aged Bronze	043156889914

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

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

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 (1)
- Confirm lock status from a computer or compatible web enabled mobile device (1)
- Assign up to 30 personalized 4-8 digit codes
- Up to 3 year battery life
- Provides battery level status at the lock and remotely (1)
- 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: 043156454068

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: 811097020426

- 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: 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:

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



Wireless Outdoor Camera

Wireless Outdoor Camera

SKU: 811097020419

- 1080P Wireless Web Camera
- Outdoor, fixed 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 (1)
- 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

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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 (i)
- 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 78mm D

Remote Temperature Sensor



Remote Wireless Indoor Sensor

Available 1st Quarter

ZSEN5930AW00MA

- Indoor Wireless Temperature and Humidity Sensor for use with ACONT824, ACONT850, AZON1050
- Operating Ambient Temperature Range: 32°F 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

Security Sensors & Alarms

Sensitive Door/Window Sensor

SKU: 851168005107

- 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: Sensitive

Application:

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

Dimensions:

- Size: 7.71" x 0.6" w x 0.12" t magnet 1.21" x 0.43" w x 0.04" t
- Weight: 2 oz.

Warranty

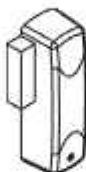
- 1-Year Limited Warranty

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

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

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 (i)
- Set Nexia™ to send notification when doors or windows are opened (i)
- Set Nexia™ to change the thermostat setting when windows have been opened or closed (iii)
- 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 (i)
- Trigger Nexia™ compatible cameras when motion is detected (iii)
- Set up to turn on lights when there is activity present (i)
- 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' x 39' (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



Fibro Z-Wave Multi Sensor

Z-Wave Multi Sensor

SKU: 887934005006

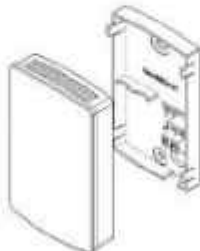
- Detects motion, temperature and light
- Fully integrated to trigger Nexia™ Automations
- Multiple LED options for signaling motion detection
- Tamper and low-battery alarm notifications
- Easy installation, no wiring required
- Powered by CR123A, 3.6v battery
- Recommended installation height is 2.4 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: 811097020396

- 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 0.60"
- Weight: .25 lb

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

(i) Requires internet service and Nexia™ smart home system registration.
(ii) Requires Nexia™ compatible connected control.
(iii) Requires Nexia™ compatible camera.

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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 (i)
- 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:

- 8.75" 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 (i)
- Can communicate with other Nexia™ enabled 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 15' 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:

- 5.0" 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

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

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

Nexia™ Compatible Products

FortrezZ Water Valves

Indoor Actuator



Indoor Actuator and Brass Ball Water Valves

SKU: 045635411890

Indoor Actuator

SKU: 712038006881

3/4" Brass Ball Valve

SKU: 712038006878

1" Brass Valve

SKU: 712038006885

1-1/4" Brass Valve

Brass Water Valves



- Remotely operated Z-Wave water valve compatible with Nexia™ smart home systems (i)
- 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
- Two tactile switches to manually activate the valve
- Ask insurance company for specific details about premium discounts for flood protection

Outdoor actuator



Outdoor Water Valve Variants

SKU: 661799563253

Outdoor actuator and indoor control with 25' cable (000)

SKU: 661799563260

Outdoor actuator and indoor control with 50' cable (000)

SKU: 661799563284

Outdoor actuator and indoor control with 75' cable (000)

Brass Water Valves



Brass Ball Water Valves

SKU: 712038006881

3/4" Brass Ball Valve (i)

SKU: 712038006878

1" Brass Valve (i)

SKU: 712038006885

1-1/4" Brass Valve (i)

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

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FortrezZ Flood and Temperature Sensor



Flood and Temperature Sensor

SKU: 045835411760

- 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)
- Actuates 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 1993) 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 openers 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 4.57" 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

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

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

Effective 1/1/18
14-1011-36

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
- 50 zaps per set of batteries
- Safe for pets and kids

Application:

- Protocol: Z-Wave
- Manufacturer: Dome

Unit Dimensions:

- 8.5" x 4.5" x 5"

Warranty

- 1-Year Limited Warranty



Dome Siren

Dome Siren

- Siren mounts on wall, tabletop, or shelftop
- Controllable volumes, tones, and LEDs
- Binary switch (Siren)
- Indicator (Chimes)
- Notifications (Siren)
- 2xCR123 3.0V 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'

Application:

- Protocol: Z-Wave
- Manufacturer: Dome

Unit Dimensions:

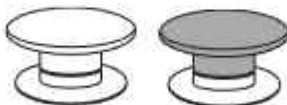
- 2.5" x 3.5" x 6"

Warranty

- 1-Year Limited Warranty

Note: Actuator only. Valve not included.

Fibaro Buttons



Fibaro Buttons

SKU: 857934005133 - White

SKU: 857934006096 - 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

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	Net Cap Cooling (BTU/h)	Unrated Dimensions (in.) H W D	Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse†	Line Size (in.) OD Gas OD Liq.
4A7V0024A1000E	208/230/1/60	24,600	41 33 30	317	57/66	17	25	3/8 3/8
4A7V0036B1000E	208/230/1/60	35,000	41 37 34	228	59/70	18	25	3/8 3/8
4A7V0048A1000E	208/230/1/60	47,000	41 37 34	270	67/74	23	35	3/8 3/8
4A7V0060A1000E	208/230/1/60	54,000	45 37 34	284	62/75	27	40	1 1/8 3/8
4A7V0061A1000E	208/230/1/60	55,000	45 37 34	314	62/75	27	40	1 1/8 3/8


 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	Net Cap Cooling (BTU/h)	Unrated Dimensions (in.) H W D	Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse†	Line Size (in.) OD Gas OD Liq.
4A7V8024A1000E	208/230/1/60	24,600	41 33 30	217	57/66	17	25	3/8 3/8
4A7V8036B1000E	208/230/1/60	35,400	41 33 30	228	59/70	18	25	3/8 3/8
4A7V8037A1000E	208/230/1/60	35,000	41 37 34	248	59/70	18	25	3/8 3/8
4A7V8048A1000E	208/230/1/60	47,000	41 37 34	270	77/74	23	35	3/8 3/8
4A7V8060A1000E	208/230/1/60	54,000	45 37 34	284	62/75	27	40	1 1/8 3/8

(1) Must use ACON1850, AZONE1850 or AZON1850 control.

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

† Rated in accordance with AHRI Standard 270-2008 (Max Fuse Rating applicable).

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

Table SC-2-A — Features

	Platinum 20 (4A7V0)	Platinum 16 (4A7V6)
• SEER up to.....	22.00	18.00
• Duration™ compressor.....	1	1
• Number of stages.....	Variable	Variable
• Comfort-R™ mode approved.....	✓	✓
• AccuLink™ system.....	✓	✓
• DuraBase™ base, fast complete drain, weatherproof.....	✓	✓
• Easy-Access™ cabinet, service access.....	✓	✓
• 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 switch.....	✓	✓
• Internal high / low pressure & temperature protection.....	✓	✓
• Liquid line filter drier - factory installed or factory supplied for field install.....	✓	✓
• Seacoast shield - factory installed.....	✓	✓
• Spinnaker gray cabinet.....	✓	✓
• 12-year registered limited warranty on compressor, 10-year on outdoor coil & all other functional parts (Residential Use) (1).....	✓	✓
• Extended warranties available	✓	✓

Table SC-2-B — Optional Accessories

Model Number	Description	Shipping Weight	2	2-3
BAYECMT023	Extreme Conditions Mounting Kit (Base 2/3).....	2	2-3	037-060
BAYECMT004	Extreme Conditions Mounting Kit (Base 4).....	2	✓	✓
BAYISLT101	Rubber Isolators.....	1	✓	✓
BAYLEGS007	Snow Legs - 7" High (Black).....	1	✓	✓
BAYLEGS004	Snow Legs - 4" High (Black).....	1	✓	✓
BAYVDTA003	Vertical Discharge Air Kit Base 3.....	10	2	—
BAYVDTA004	Vertical Discharge Air Kit Base 4.....	10	3-5	—
BAYSEAC001	Seacoast Kit.....	1	✓	✓
PA0030900	Hareside Spraypaint.....	1	✓	✓

Comfort Controls — See Comfort Controls/Zone Sensors Section

(1) Residential Limited Warranty terms are available when you register within 90 days of installation. You can register online at americanstandard.com or by phone at 800-554-8020; otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASUsersfirst.com.

(2) Used for additional seacoast corrosion protection. Refer to bulletin number UTR-SVET11A-EN for application information.

Split System Cooling Single Phase – 1½-5 Tons



Gold 17
(Two place)

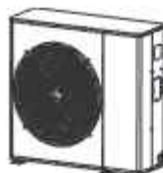
Silver 12
(Single Stage)Silver 1B
(Single Stage)

Table 5C-3-A — Gold 17 R-410A Split System Two Stage Cooling (70/100% capacity)

Model Number	Power Supply	Num. Cap. Casing (BTU/h)	Unrated Dimensions (in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Temp.	Line Size (in.)	OD Gas Lig.
			H	W	D						
4A7A7D24A100B	208/236/1/60	24,000	41	37	34	263	72	15	25*	3/4	3/4
4A7A7D36A100B	208/236/1/60	36,000	40	37	34	283	72	20	35*	1/2	1/2
4A7A7D48A100B	208/236/1/60	48,000	45	37	34	291	73	27	45*	3/4	3/4
4A7A7D60A100B	208/236/1/60	60,000	45	37	34	312	74	37	60*	1 1/8	1 1/8

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

Model Number	Power Supply	Nom. Cap. Coeff. (BTU/h)	Uncoiled Dimensions (m)	Shipping Weight (kg)	Sound Rating	MCA*	Max. Flow†	Line Size (in)	CO Gas	Oil Lig.
			H W D							
4A7A6018J100CA	208/230/1160	18,000	20 33 30	189	7.3	12	20 1/2	3/4	1/2	1/2
4A7A6024J100CB	208/230/1160	24,000	29 33 30	190	7.1	13	20 1/2	3/4	1/2	1/2
4A7A6030J100CA	208/230/1160	30,000	37 33 30	220	7.1	17	24 1/2	3/4	1/2	1/2
4A7A6036J100CA	208/230/1160	36,000	37 37 34	248	6.9	18	30 3/4	3/4	1/2	1/2
4A7A6042J100CA	208/230/1160	42,000	46 37 34	302	6.1	21	25 1/2	3/4	1/2	1/2
4A7A6048J100CA	208/230/1160	47,000	46 37 34	306	7.0	24	40 1/2	1 1/4	1/2	1/2
4A7A6049J100CA	208/230/1160	48,000	46 37 34	322	7.0	26	40 1/2	1 1/4	1/2	1/2
4A7A6060J100CA	208/230/1160	57,500	46 37 34	327	7.0	32	50 1/2	1 1/4	1/2	1/2
4A7A6061J100CA	208/230/1160	60,000	46 37 34	327	7.4	32	50 1/2	1 1/4	1/2	1/2

Table 3C-3-C — Silver 15 R-410A Side Discharge Single Stage Cooling

Model Number	Power Supply	Norm. Cap. Loading (BTU/h)	Unclimbed Dimensions (in.)			Shipping Weight (lbs.)	Sound Rating	MCA*	Max. Fuse*	Line Size (in.)	
			H	W	D					OD Gas	OD Liq.
4A7L6C18A100BA(V)	208/230/1160	18,000	36	40	15	165	711	12	20	1/2	1/2
4A7L6C24A100BA(V)	208/230/1160	22,000	36	40	15	165	70	13	20	1/2	1/2
4A7L6C30A100BA(V)	208/230/1160	29,000	36	40	15	180	71	17	25	1/2	1/2
4A7L6C36A100BA(V)	208/230/1160	35,000	36	47	18	242	72	19	30	1/2	1/2
4A7L6C42A100BA(V)	208/230/1160	41,000	36	47	18	243	73	22	35	1/2	1/2
4A7L6C48A100BA(V)	208/230/1160	47,000	36	47	18	243	73	24	40	1/2	1/2
4A7L6C60A100BA(V)	208/230/1160	57,000	43	47	18	263	73	31	50	1 1/2	1 1/2

† For example, with 1000000 items with a new installed with new 771 items in each reader, which makes the results are available for users.

[illegible]

License: 6A/L233847001

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

^{††} Ruled in accordance with AFRS Standard 270-2006 (MaxMax when applicable).

Split System Cooling

Single Phase – 1½-5 Tons

Table SC-4-A — Features

	Gold 17 (4A7A7)	Silver 18 (4A7A8)	Silver 18 (4A7L8)
• SEER up to	18.00	17.00	17.00
• Duration™ compressor	✓	✓	✓
• Number of stages	2	1	1
• Comfort-R™ mode approved	✓	✓	✓
• DuraBase™ base, fast complete drain, weatherproof	✓	✓	✓
• Easy-Serve™ cabinet, service access	✓	✓	✓
• Spine Fin™ coil	✓	✓	✓
• Coppe Tube, Aluminum Fin coil	✓	✓	✓
• Factory supplied charge	R-410A	R-410A	R-410A
• Glossy 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	✓	1½-2	✓
• Spinner gray cabinet	✓	✓	✓
• 12-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, 10-year on outdoor coil & all other functional parts (Residential Use)(2)	✓	✓	✓
• Extended warranties available	✓	✓	✓

Table SC-4-B — Optional Accessories

Model Number	Description	Shipping Weight			
AY2BX075	Evap. Defrost Control Kit	1	✓	✓	✓
BAYCCHT301RES	Crankcase Heater Kit (Scroll)	1	4-5	3½-5	3½-5
BAYCCHT302RES	Crankcase Heater Kit (Scroll)	1	2-3	1½-3	1½-3
BAYECMT022	Extreme Conditions Mounting Kit (Base 2/3)	2	✓	1½-2½	✓
BAYECMT004	Extreme Conditions Mounting Kit (Base 4)	2	✓	3-5	✓
BAYISLT101	Rubber Isolators	1	✓	✓	✓
BAYKSKT263	Start kit	1	2-3	2½-5	2½-5
BAYKSKT266	Start kit	1	4-5	✓	✓
BAYLEG8007	Snow Legs - 7" High (Black)	1	✓	✓	✓
BAYLEG8004	Snow Legs - 4" High (Black)	1	✓	✓	✓
BAYLOAM103	Low Ambient Kit	1	✓	✓	✓
BAYLOAM107A	Low Ambient Kit	1	✓	✓	✓
BAYSDEN003	Small Scroll Compressor Enclosure	8	✓	1½-3	1½-3
BAYSDEN004	Small Scroll Compressor Enclosure	8	✓	3½-5	3½-5
BAYSEAC001	Seacoast Kit	1	✓	✓	✓
BAYWIND100	Wind Baffle Kit	1	✓	✓	1½-2½
BAYWIND101	Wind Baffle Kit	1	✓	✓	3-5
TAYASCT501A(600)	Anti-Short Cycle Timer	2	✓	✓	✓
AAVSVAPNL0032AA	Service Valve Panel Cover Kit	2	✓	1½-2	✓
AAVSVAPNL3343AA	Service Valve Panel Cover Kit	2	2	✓	✓
AAVSVAPNL0044AA	Service Valve Panel Cover Kit	2	3-5	2½-3	✓
AAVSVAPNL0046AA	Service Valve Panel Cover Kit	2	✓	3½-5	✓
RA1003090	Heresite Spraypaint	1	✓	✓	✓
BRK050330	Wall Mount Kit	1	✓	✓	✓

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 americanstandard.com or by phone at 800-254-8000; otherwise American Standard Heating & Air Conditioning's Basic Limited Warranty terms will apply. Basic Limited Warranty information on specific products can be found on ASUsa.com.
- (2) Not for use with programmable thermostats.
- (3) Activated on power off.
- (4) Used for additional weathered equipment protection. Refer to bulletin number UN-SV0114-EN for application information.
- (5) Available from frame parts.

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 (BTU/h)	Uncooled Dimensions (in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in.)	
			H	W	D					OD Gas	OD Liq.
4A7A4018L1000A	208/230/1/60	17,000	29	29	26	153	72	12	30	¾	½
4A7A4024L1000A	208/230/1/60	23,000	29	29	26	153	71	14	20	¾	½
4A7A4029L1000A	208/230/1/60	23,500	29	29	26	153	71	14	20	¾	½
4A7A4036L1000A	208/230/1/60	28,400	29	33	30	183	73	17	25	¾	½
4A7A4037L1000A	208/230/1/60	28,400	29	33	30	183	71	17	25	¾	½
4A7A4038L1000A	208/230/1/60	34,000	33	33	30	183	73	18	30	¾	½
4A7A4037L1000A	208/230/1/60	34,000	33	33	30	183	71	18	30	¾	½
4A7A4042L1000A	208/230/1/60	40,500	29	37	34	216	71	22	35	¾	½
4A7A4043L1000A	208/230/1/60	40,500	29	37	34	216	71	22	35	¾	½
4A7A4048L1000A	208/230/1/60	47,000	29	37	34	221	71	24	40	¾	½
4A7A4060L1000A	208/230/1/60	56,000	37	37	34	246	71	31	50	¾	½


Silver 13
 (Single Stage)

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

Model Number	Power Supply	Nom. Cap. Cooling (BTU/h)	Uncooled Dimensions (in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in.)	
			H	W	D					OD Gas	OD Liq.
4A7A3018H1000N	208/230/1/60	17,000	29	29	26	153	72	12	20	¾	½
4A7A3024H1000N	208/230/1/60	23,000	29	29	26	150	74	16	30	¾	½
4A7A3030H1000N	208/230/1/60	28,500	29	29	26	157	72	16	25	¾	½
4A7A3036H1000N	208/230/1/60	34,000	29	33	30	175	68	18	30	¾	½
4A7A3042E1000N	208/230/1/60	40,500	29	33	30	200	72	22	35	¾	½
4A7A3043A1000N	208/230/1/60	40,500	29	37	34	216	74	22	35	¾	½
4A7A3048E1000N	208/230/1/60	46,500	37	33	30	233	74	26	40	¾	½
4A7A3049A1000N	208/230/1/60	46,500	29	37	34	221	74	24	40	¾	½
4A7A3060D1000P	208/230/1/60	56,000	37	37	34	261	80	32	50	¾	½

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

11) 13 SEER PAC equipment manufactured after 1/1/16 can only be installed in the North Zone.

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

** Based on accordance with AHRI Standard 210-2018 (Min/Max when applicable).

Split System Cooling

Single Phase – 1½-5 Tons

Table SC-6-A — Features

	Silver 14 (4A7A4)	Silver 13 (4A7A3)
• SEER up to	15.00	14.75
• Durban™ compressor	✓	✓
• Number of stages	1	1
• Comfort-R™ mode approved	✓	✓
• DuraBase™ base, fast complete drain, weatherproof	✓	✓
• Easy-Seal™ cabinet, service access	✓	✓
• Spine Fin™ coil	✓	✓
• Factory supplied charge	R-410A	R-410A
• Glossy corrosion resistant finish	✓	✓
• High pressure switch	✓	✓
• Internal high / low pressure & temperature protection	✓	✓
• Liquid line filter drier - factory installed or factory supplied for field install	✓	✓
• Spinnaker gray 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	Shipping Weight		
AY2BX079	Evap. Defrost Control Kit	1	✓	✓
BAYCCHT3G1RES	Crankcase Heater Kit (Scroll)	1	3½-5	1½-3
BAYCCHT3G2RES	Crankcase Heater Kit (Scroll)	1	1½-3	1½-3
BAYECMT023	Extreme Conditions Mounting Kit (Base 2/3)	2	1½-3	1½-4
BAYECMT004	Extreme Conditions Mounting Kit (Base 4)	2	3½-5	43, 49, 60
BAYISLT101	Rubber Isolators	1	✓	✓
BAYKSKT253	Start Kit	1	2½-5	2-5
BAYLEGS007	Snow Legs - 7" High (Black)	1	✓	✓
BAYLEGS004	Snow Legs - 4" High (Black)	1	✓	✓
BAYLOAM103	Low Ambient Kit	1	✓	✓
BAYSDEN003	Small Scroll Compressor Enclosures	8	1½-3	1½-3
BAYSDEN004	Small Scroll Compressor Enclosures	8	3½-5	3½-5
BAYSEAC001	Seacoast Kit	1	✓	✓
TAYASCT501A000	Anti-Short Cycle Timer	2	✓	✓
AAYSVPANL0022AA	Service Valve Panel Cover Kit	2	1½-2	1½-2½
AAYSVPANL0032AA	Service Valve Panel Cover Kit	2	2½, 3½, 4	3-4
AAYSVPANL3343AA	Service Valve Panel Cover Kit	2	3	—
AAYSVPANL0044AA	Service Valve Panel Cover Kit	2	5	5
PAI003059	Heretite Spraypaint	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 800-554-8029; otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on RSDocs.hill.com.

(2) Not for use with programmable thermostats.

(3) Assembled on panel left.

(4) Used for additional increased corrosion protection. Refer to bulletin number UN-SVB11A-EN for application information.

Split System Cooling Three Phase


Gold 17
 (Two Stage)

Table SC-7-A — Gold 17 - 3 Phase R-410A Split System Two Stage Cooling

Model Number	Power Supply	Nom. Cap. Cooling (BTU/h)	Unrated Dimensions (in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in.)	
			H	W	D					OD Gas	OD LIQ.
4A7C7036A3000A	208/230/3/60	36,000	45	37	34	283	72	15	20	1/2	3/4
4A7C7048A3000A	208/230/3/60	48,000	45	37	34	285	73	18	20	1/2	3/4
4A7C7060A3000A	208/230/3/60	60,000	45	37	34	308	74	22	25	1/2	3/4
4A7C7036A4000A	460/3/60	36,000	45	37	34	283	72	8	10	1/2	3/4
4A7C7048A4000A	460/3/60	48,000	45	37	34	285	73	9	10	1/2	3/4
4A7C7060A4000A	460/3/60	60,000	45	37	34	308	74	10	10	1/2	3/4


Silver 14
 (Single Stage)

Table SC-7-B — Silver 14 - 3 Phase R-410A Split System Single Stage Cooling

Model Number	Power Supply	Nom. Cap. Cooling (BTU/h)	Unrated Dimensions (in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in.)	
			H	W	D					OD Gas	OD LIQ.
4A7C4036A3000A	208/230/3/60	36,000	33	33	30	183	72	12	20	1/2	3/4
4A7C4042A3000A	208/230/3/60	42,000	29	37	34	216	72	15	20	1/2	3/4
4A7C4048A3000A	208/230/3/60	48,000	29	37	34	221	72	18	20	1/2	3/4
4A7C4060A3000A	208/230/3/60	60,000	37	37	34	246	72	21	25	1/2	3/4
4A7C4036A4000A	460/3/60	36,000	33	33	30	183	72	8	10	1/2	3/4
4A7C4042A4000A	460/3/60	42,000	33	37	34	216	72	8	10	1/2	3/4
4A7C4048A4000A	460/3/60	48,000	33	37	34	221	72	8	10	1/2	3/4
4A7C4060A4000A	460/3/60	60,000	41	37	34	246	72	9	10	1/2	3/4


Silver 13
 (Single Stage)

Table SC-7-C — Silver 13 - 3 Phase R-410A Split System Single Stage Cooling

Model Number	Power Supply	Nom. Cap. Cooling (BTU/h)	Unrated Dimensions (in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in.)	
			H	W	D					OD Gas	OD LIQ.
4A7C3036B3000B	208/230/3/60	36,000	29	33	30	176	78	14	20	1/2	3/4
4A7C3042B3000B	208/230/3/60	42,000	29	37	34	228	78	18	20	1/2	3/4
4A7C3048B3000B	208/230/3/60	48,000	29	37	34	235	79	18	20	1/2	3/4
4A7C3060B3000B	208/230/3/60	60,000	37	37	34	261	80	20	25	1/2	3/4
4A7C3036B4000B	460/3/60	36,000	29	33	30	176	78	8	10	1/2	3/4
4A7C3042B4000B	460/3/60	42,000	29	37	34	228	79	8	10	1/2	3/4
4A7C3048B4000B	460/3/60	48,000	29	37	34	235	79	8	10	1/2	3/4
4A7C3060B4000B	460/3/60	60,000	37	37	34	261	80	10	10	1/2	3/4

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

** Tested in accordance with AHRI Standard 270-2020.

Split System Cooling Three Phase

Table SC-8-A — Features

	Gold 17 (4A7C7)	Silver 14 (4A7C4)	Silver 18 (4A7C5)
• SEER up to	17.25	14.50	13.25
• Duration™ compressor	✓	✓	✓
• Comfort-R™ mode approved	✓	✓	✓
• DuraBase™ base, fast complete drain, weatherproof	✓	✓	✓
• Easy-Secc cabinet, service access & refrigerant connections with full coil protection	✓	✓	✓
• Spine Fin™ coil	✓	✓	✓
• Compressor pump heat - factory installed	✓	✓	✓
• Refrigerant (R-22 not factory supplied)	R-410A	R-410A	R-22
• Glossy corrosion resistant finish	✓	✓	✓
• High pressure switch	✓	✓	✓
• Compressor sound enclosure	✓	✓	3%
• Internal high / low pressure & temperature protection	✓	✓	✓
• Liquid line filter drier - factory installed or factory supplied for field install	✓	✓	✓
• Spinnaker gray cabinet	✓	✓	✓
• 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)(1)	✓	✓	✓
• Extended warranties available	✓	✓	✓

Table SC-8-B — Optional Accessories

Model Number	Description	Shipping Weight			
AY2BX079	Evap. Defrost Control Kit	1	✓	✓	✓
BAYECMT023	Extreme Conditions Mounting Kit (Base 2/3)	2	—	3	2½-3
BAYECMT004	Extreme Conditions Mounting Kit (Base 4)	2	3-5	3½-5	3½-5
BAYISLT101	Rubber Isolators	1	✓	✓	✓
BAYKSKT263	Start Kit	1	✓	—	5
BAYKSKT260	Start Kit	1	—	—	3
BAYLEGS007	Snow Legs - 7" High (Black)	1	✓	✓	✓
BAYLEGS004	Snow Legs - 4" High (Black)	1	✓	✓	✓
BAYLOAM103	Low Ambient Kit	1	✓	✓	✓
BAYLOAM107A	Low Ambient Kit	1	✓	✓	✓
BAYSDEN001	Single Cylinder Compressor Enclosures	8	—	—	2½
BAYSDEN003	Small Scroll Compressor Enclosures	8	3	3	3
BAYSDEN004	Large Scroll Compressor Enclosures	8	4-5	3½-5	4-6
BAYSEAC001	Seacoast Kit	1	✓	✓	✓
TAYASCT501A000	Anti-Short Cycle Timer	2	✓	✓	✓
AAVSVPANL0032AA	Service Valve Panel Cover Kit	2	—	3½-4	3-4
AAVSVPANL3343AA	Service Valve Panel Cover Kit	2	—	3	2½
AAVSVPANL0044AA	Service Valve Panel Cover Kit	2	—	5	5
AAVSVPANL0045AA	Service Valve Panel Cover Kit	2	3-5	—	—
PA003090	Haze/Seal Spraypaint	1	✓	✓	✓

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 americanstandardhvac.com or by phone at 800-354-6020. Otherwise American Standard Heating & Air Conditioning's Basic Limited Warranty terms will apply. Basic Limited Warranty information on specific products can be found on ASDwarranty.com.

(2) Not for use with programmable thermostats.

(3) Activated on Power Off.

(4) Used for additional seawater corrosion protection. Refer to bulletin number UN-SV811A-EN for application information.

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.

Model Not Covered																						
NA System Combination "Not Allowed"																						
Silver 14		Silver 14 - 14 SEER Single Stage Heat Pump and Air Handler Ratings Summary (up to 14 SEER / 12 EER / 8.5 HSPF)																				
		1.5 Ton			2 Ton			2.5 Ton			3 Ton			3.5 Ton			4 Ton			5 Ton		
TEMP / TMM Air Handlers	TEMP	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF
	TMM-4	NA	NA	NA	14.00	11.50	8.50	14.00	11.50	8.50	14.00	11.50	8.50	NA	NA	NA	14.00	11.50	8.50	14.00	11.50	8.50
	TMM-6	14.00	11.50	8.50	14.00	11.50	8.50	14.00	11.50	8.50	14.00	11.50	8.50	14.00	11.50	8.50	14.00	11.50	8.50	14.00	11.50	8.50
	TMM-8	NA	NA	NA	14.00	11.50	8.50	14.00	11.50	8.50	14.00	11.50	8.50	14.00	11.50	8.50	14.00	11.50	8.50	14.00	11.50	8.50
	TMM-10	14.00	11.50	8.50	14.00	11.50	8.50	14.00	11.50	8.50	14.00	11.50	8.50	14.00	11.50	8.50	14.00	11.50	8.50	14.00	11.50	8.50
FanFree™ Air Handlers	CAF2	14.00	11.50	8.50	14.00	11.50	8.50	14.00	11.50	8.50	14.00	11.50	8.50	14.00	11.50	8.50	14.00	11.50	8.50	14.00	11.50	8.50
	TMM-4	14.00	11.50	8.50	14.00	11.50	8.50	14.00	11.50	8.50	14.00	11.50	8.50	NA	NA	NA	14.00	11.50	8.50	14.00	11.50	8.50
	CAN-6	14.50	12.00	9.00	14.50	12.00	9.00	14.50	12.00	9.00	14.50	12.00	9.00	14.50	12.00	9.00	14.50	12.00	9.00	14.50	12.00	9.00
	TMM-8	14.50	12.00	9.00	14.50	12.00	9.00	14.50	12.00	9.00	14.50	12.00	9.00	14.50	12.00	9.00	14.50	12.00	9.00	14.50	12.00	9.00
	TMM-10	14.50	12.00	9.00	14.50	12.00	9.00	14.50	12.00	9.00	14.50	12.00	9.00	14.50	12.00	9.00	14.50	12.00	9.00	14.50	12.00	9.00

Silver 15		Silver 15 - 15 SEER Single Stage Heat Pump and Air Handler Ratings Summary (up to 15 SEER / 12.5 EER / 9.0 HSPF)																							
		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			
TEMP / TMM Air Handlers	TEMP	15.00	12.50	9.00	15.00	12.50	9.00	15.00	12.50	9.00	15.00	12.50	9.00	15.00	12.50	9.00	15.00	12.50	9.00	15.00	12.50	9.00			
	TMM-4	NA	NA	NA	15.00	12.50	9.00	15.00	12.50	9.00	15.00	12.50	9.00	NA	NA	NA	15.00	12.50	9.00	15.00	12.50	9.00			
	TMM-6	15.00	12.50	9.00	15.00	12.50	9.00	15.00	12.50	9.00	15.00	12.50	9.00	15.00	12.50	9.00	15.00	12.50	9.00	15.00	12.50	9.00			
	TMM-9	15.00	12.50	9.00	15.00	12.50	9.00	15.00	12.50	9.00	15.00	12.50	9.00	15.00	12.50	9.00	15.00	12.50	9.00	15.00	12.50	9.00			
FanFree™ Air Handlers	SAT2	15.00	12.50	9.00	15.00	12.50	9.00	15.00	12.50	9.00	15.00	12.50	9.00	NA	NA	NA	15.00	12.50	9.00	15.00	12.50	9.00			
	TMM-4	15.00	12.50	9.00	15.00	12.50	9.00	15.00	12.50	9.00	15.00	12.50	9.00	15.00	12.50	9.00	15.00	12.50	9.00	15.00	12.50	9.00			
	CAN-6	15.00	12.50	9.00	15.00	12.50	9.00	15.00	12.50	9.00	15.00	12.50	9.00	15.00	12.50	9.00	15.00	12.50	9.00	15.00	12.50	9.00			
	TMM-9	15.00	12.50	9.00	15.00	12.50	9.00	15.00	12.50	9.00	15.00	12.50	9.00	15.00	12.50	9.00	15.00	12.50	9.00	15.00	12.50	9.00			

Silver 16		Silver 16 - 16 SEER Single Stage Heat Pump and Air Handler Ratings Summary (up to 16 SEER / 13 EER / 9.6 HSPF)																							
		1.5 Ton			2 Ton			2.5 Ton			3 Ton			3.5 Ton			4 Ton			5 Ton					
TEMP / TMM Air Handlers	TEMP	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF			
	TMM-4	16.00	12.50	9.50	16.00	12.00	9.50	NA	NA	NA	16.00	12.00	9.50	NA	NA	NA	16.00	12.00	9.50	16.00	12.00	9.50			
	TMM-6	16.00	12.50	9.50	16.00	12.00	9.50	NA	NA	NA	16.00	12.00	9.50	16.00	12.00	9.50	16.00	12.00	9.50	16.00	12.00	9.50			
	TMM-9	16.00	12.50	9.50	16.00	12.00	9.50	16.00	12.00	9.50	16.00	12.00	9.50	16.00	12.00	9.50	16.00	12.00	9.50	16.00	12.00	9.50			
FreeFlow™ Air Handlers	GAF2	16.00	12.50	9.50	16.00	12.00	9.50	NA	NA	NA	16.00	12.00	9.50	16.00	12.00	9.50	16.00	12.00	9.50	16.00	12.00	9.50			
	TMM4	16.00	12.50	9.50	16.00	12.00	9.50	NA	NA	NA	16.00	12.00	9.50	16.00	12.00	9.50	16.00	12.00	9.50	16.00	12.00	9.50			
	CAN6	16.00	12.50	9.50	16.00	12.00	9.50	16.00	12.00	9.50	16.00	12.00	9.50	16.00	12.00	9.50	16.00	12.00	9.50	16.00	12.00	9.50			
	TMM10	16.00	12.50	9.50	16.00	12.00	9.50	16.00	12.00	9.50	16.00	12.00	9.50	16.00	12.00	9.50	16.00	12.00	9.50	16.00	12.00	9.50			
	TMM10	16.00	12.50	9.50	16.00	12.00	9.50	16.00	12.00	9.50	16.00	12.00	9.50	16.00	12.00	9.50	16.00	12.00	9.50	16.00	12.00	9.50			

Silver 16 Low Profile Side Discharge		Silver 16 - 16 SEER Low Profile Single Stage Heat Pump and Air Handler Ratings Summary (up to 16.5 SEER / 13.5 EER / 10.0 HSPF)																							
		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			
TEMP / TMM Air Handlers	TMM-4 TMM-6	14.50	17.00	8.50	14.50	17.00	9.00	14.80	17.00	8.50	14.50	17.00	9.00	14.50	17.00	9.00	14.80	17.00	9.00	14.00	17.00	9.00			
Not available at time of printing. Check AHU Selector's log																									
	TMM-6	15.00	17.00	9.50	15.00	17.00	9.50	15.50	17.00	9.00	15.50	17.00	9.00	16.00	17.00	9.00	16.00	17.00	9.00	16.00	17.00	10.00			
FanFree™ Air Handlers	CAN7	16.00	13.50	9.00	16.00	13.50	9.00	16.50	17.00	9.00	16.50	17.00	9.00	16.00	13.50	9.00	16.00	13.50	9.00	16.00	13.50	9.00			
	TMM-4	14.50	17.00	8.50	14.50	17.00	9.00	14.80	11.50	8.50	14.50	17.00	9.50	14.80	11.50	8.50	14.50	17.00	9.50	14.00	13.50	9.00			
	CAN-6	15.00	17.50	9.00	15.00	17.50	9.00	15.00	17.50	9.00	15.00	17.50	9.00	15.00	17.50	9.00	15.00	17.50	9.00	14.00	13.50	9.00			
	TMM-9	16.00	13.50	9.50	16.00	13.50	9.50	16.00	13.50	9.50	16.00	13.50	9.50	16.00	13.50	9.50	16.00	13.50	9.50	14.00	13.50	9.00			
	TMM-10	16.00	13.50	9.50	16.00	13.50	9.50	16.00	13.50	9.50	16.00	13.50	9.50	16.00	13.50	9.50	16.00	13.50	9.50	14.00	13.50	9.00			

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.

Model Not Shown		Gold 17-2 Stage 17 SEER Heat Pump and Air Handler Ratings Summary (up to 17.22 SEER / 13.3 CER / 9.6 HSPF)																	
Gold 17-2 Stage		1.5 Ton						2 Ton						2.5 Ton					
		SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF
TECH Air Handlers	TEMSH				17.00	17.50	9.50				17.00	17.50	9.00				17.00	17.50	9.00
ForceFree™ Air Handlers	CANh TAMh TAMSH				16.00	17.50	9.00				16.00	17.50	9.00				16.00	17.00	9.00
					17.00	13.00	8.50				17.00	13.00	8.00				17.00	13.00	8.50
					17.25	13.50	9.00				17.25	13.00	8.75				17.25	12.50	9.00

Platinum 18 AccuComfort™		Platinum 18 - SEER AccuComfort™ Variable Speed Heat Pump and Air Handler Ratings Summary (up to 18 SEER / 13.3 CER / 10.0 HSPF)																	
Platinum 18 AccuComfort™		1.5 Ton						2 Ton						2.5 Ton					
		SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF
ForceFree™ Air Handlers	TAMSH				18.00	13.00	10.00				18.00	13.00	10.00				18.00	12.50	10.00

Platinum 20 AccuComfort™		Platinum 20 - SEER AccuComfort™ Variable Speed Heat Pump and Air Handler Ratings Summary (up to 20 SEER / 13.3 CER / 10.0 HSPF)																	
Platinum 20 AccuComfort™		1.5 Ton						2 Ton						2.5 Ton					
		SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF
ForceFree™ Air Handlers	TAMSH				19.25	13.75	10.00				19.00	13.50	10.00				19.25	12.50	10.00

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


 Platinum 20
 (Variable Speed)

Table SH-3-A - Platinum 20 R-410A Split System Variable Speed Heat Pump (25-100% capacity)—with AccuLink™

Model Number	Power Supply	Uncolated Dimensions (in.)			Shipping Weight (lbs.)	Sound** Rating (Cord)	Rating (Heat)	MCA*	Max. Fuse*	Line Size (in.)	
		H	W	D						OD Gas	OD Liq.
4A6V0024A1000B	208/230/1/60	41	33	30	216	54/65	60/60	17	25	3/4	3/4
4A6V0036A1000B	208/230/1/60	41	37	34	254	59/70	60/72	25	40	3/4	3/4
4A6V0048A1000B	208/230/1/60	41	37	34	266	61/74	62/76	29	45	3/4	3/4
4A6V0060A1000B	208/230/1/60	45	37	34	276	67/73	61/74	37	50	1 1/4	3/4


 Platinum 18
 (Variable Speed)

Table SH-3-B - Platinum 18 R-410A Split System Variable Speed Heat Pump (25-100% capacity)—with AccuLink™

Model Number	Power Supply	Uncolated Dimensions (in.)			Shipping Weight (lbs.)	Sound** Rating (Cord)	Rating (Heat)	MCA*	Max. Fuse*	Line Size (in.)	
		H	W	D						OD Gas	OD Liq.
4A6V0024A1000B	208/230/1/60	41	33	30	216	54/65	60/60	17	25	3/4	3/4
4A6V0036A1000B	208/230/1/60	41	33	30	229	56/70	60/74	25	35	3/4	3/4
4A6V0037A1000B	208/230/1/60	41	37	34	254	56/70	60/74	26	40	3/4	3/4
4A6V0048A1000B	208/230/1/60	41	37	34	259	61/74	62/76	28	40	3/4	3/4
4A6V0049A1000B	208/230/1/60	41	37	34	266	61/74	62/76	29	45	3/4	3/4
4A6V0060A1000B	208/230/1/60	45	37	34	276	57/73	61/74	37	50	1 1/4	3/4

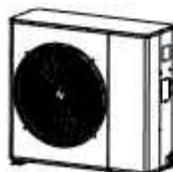

 Platinum 19
 (Variable Speed)

Table SH-3-C - Platinum 19 R-410A Side Discharge Variable Speed Heat Pump (50-100% capacity)—with AccuLink™

Model Number	Power Supply	Uncolated Dimensions (in.)			Shipping Weight (lbs.)	Sound** Rating (Cord)	Rating (Heat)	MCA*	Max. Fuse*	Line Size (in.)	
		H	W	D						OD Gas	OD Liq.
4A6L9024A1000A(9)	208/230/1/60	41	33	30							
4A6L9036A1000A(9)	208/230/1/60	41	33	30							
4A6L9048A1000A(9)	208/230/1/60	41	37	34							
4A6L9060A1000A(9)	208/230/1/60	45	37	34							

(9) For coastal applications where units are installed within one (1) mile of salt water, epoxy coated models are available for order. Model numbers with "CO" in the eleventh (11) through thirteenth (13) digits represent an epoxy coated coil. Example: 4A6L9024A1CO1A

These models have an 8 week lead time for order.

(9) Must use ACONTE50, AZONE50 or AZON150 control.

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

** Rated in accordance with AHRI Standard 270-2008 (Min/Max when applicable).

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

Table SH-4-A — Features

	Platinum 20 (4A6V0)	Platinum 15 (4A6L5)	Platinum 10 (4A6V6)
• SEER up to	21.00	18.00	18.00
• HSPF up to	10.00	10.00	10.00
• Duration™ compressor	1	1	1
• Number of stages	Variable	Variable	Variable
• Comfort-R™ mode approved	✓	✓	✓
• AccuLink™ system	✓	✓	✓
• DuraBase™ base, fast complete drain, weatherproof	✓	✓	✓
• Easy-Base™ cabinet, service access & refrigerant connections with full coil protection	✓	✓	✓
• 3pine Fin™ coil	✓	✓	✓
• Compressor sound enclosure	✓	✓	✓
• Compressor sump heat	✓	✓	✓
• Factory supplied charge	R-410A	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	NA
• Seacoast shield - factory installed	✓	✓	✓
• Spinnaker gray cabinet	✓	✓	✓
• 12-year registered limited warranty on compressor, 10-year on outdoor coil & all other functional parts (Residential Use)(1)	✓	✓	✓
• Extended warranties available	✓	✓	✓

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
BAYISLT101	Rubber Isolators	1	✓	✓
BAYLEGS007	Snow Legs - 7" High (Black)	1	✓	✓
BAYLEGS004	Snow Legs - 4" High (Black)	1	✓	✓
BAYSEAC001	Seacoast Kit	1	✓	✓
PA0030900	Heresite Spraypaint	1	✓	✓
BRK0503300	Wall Mount Kit	1	✓	✓

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.americanstandard.com or by phone at 800-554-8005; otherwise American Standard Heating & Air Conditioning's Basic Limited Warranty terms will apply. Basic Limited Warranty information on specific products can be found on ASH24hrHel.com.
- (2) Used for additional seasonal corrosion protection. Refer to bulletin number UN-SYBT1A-EN for application information.
- (3) Available from Inco Parts.

Split System Heat Pumps

Single Phase – 1½-5 Tons


Gold 17
(Two Stage)
Table SH-5-A — Gold 17 R-410A Split System Two Stage Heat Pump (70/100% capacity)

Model Number	Power Supply	Nom. Cap. Cooling (BTU/h)	Unrated Dimensions (in.) H W D	Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in.) OD Gas OD Liq.
4A5H7024A1000C	208/230/1/60	24,000	41 37 34	272	72	15	25	¾ ¾
4A5H7036B1000C	208/230/1/60	36,000	41 37 34	274	72	20	35	¾ ¾
4A5H7048A1000C	208/230/1/60	48,000	45 37 34	329	73	28	45	¾ ¾
4A5H7060A1000C	208/230/1/60	60,000	45 37 34	330	74	41	60	1 ¼ ¾


Silver 16
(Single Stage)
Table SH-5-B — Silver 16 R-410A Split System Single Stage Heat Pump

Model Number	Power Supply	Nom. Cap. Cooling (BTU/h)	Unrated Dimensions (in.) H W D	Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in.) OD Gas OD Liq.
4A5H6018H1000A	208/230/1/60	18,000	33 33 30	196	74	12	20	¾ ¾
4A5H6024H1000A	208/230/1/60	24,000	33 33 30	208	71	14	25	¾ ¾
4A5H6030H1000A	208/230/1/60	28,000	37 37 34	245	70	17	25	¾ ¾
4A5H6036H1000A	208/230/1/60	34,000	37 37 34	245	70	18	30	¾ ¾
4A5H6042H1000A	208/230/1/60	41,000	45 37 34	277	72	22	35	¾ ¾
4A5H6048H1000A	208/230/1/60	47,000	45 37 34	300	72	26	40	¾ ¾
4A5H6060H1000A	208/230/1/60	55,000	45 37 34	301	72	31	50	1 ¼ ¾


Silver 16
(Single Stage)
Table SH-5-C — Silver 16 R-410A SideDischarge Single Stage Heat Pump

Model Number	Power Supply	Nom. Cap. Cooling (BTU/h)	Unrated Dimensions (in.) H W D	Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in.) OD Gas OD Liq.
4A5L6018A1000A(0)	208/230/1/60	18,000	30 40 15	186	69	12	20	¾ ¾
4A5L6024A1000A(0)	208/230/1/60	24,000	30 40 15	186	69	13	20	¾ ¾
4A5L6030A1000A(0)	208/230/1/60	29,000	36 47 18	222	70	13	20	¾ ¾
4A5L6036A1000A(0)	208/230/1/60	36,000	36 47 18	225	71	19	30	¾ ¾
4A5L6042A1000A(0)	208/230/1/60	42,000	36 47 18	244	71	25	40	¾ ¾
4A5L6048A1000A(0)	208/230/1/60	48,000	42 47 18	266	74	26	45	¾ ¾
4A5L6060A1000A(0)	208/230/1/60	56,000	42 47 18	267	74	32	50	¾ ¾

(0) For suitable applications where units are installed within one (1) mile of salt water, epoxy coated models are available for order. Model numbers with "COT" in the eleventh (11) through thirteenth (13) digits represent an epoxy coated unit. Example: 4A5L6036A1COT1A.
 † Based on standard 5000 BTU/h tonnage.

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

** Based on accreditation with AHRI Standard 270-2006 (Net/Max when applicable).

Split System Heat Pumps

Single Phase – 1½-5 Tons

Table SH-6-A — Features

	Gold 17 (4A8HT)	Silver 15 (4A8H8)	Silver 18 (4A8L8)
• SEER up to.....	17.50	17.00	17.00
• HSPF up to.....	9.60	9.60	10.00
• Duration™ compressor.....	✓	✓	✓
• Number of stages.....	2	1	1
• Comfort-R™ mode approved.....	✓	✓	✓
• DuraBase™ base, fast complete drain, weatherproof.....	✓	✓	—
• Easy-Base™ cabinet, service access & refrigerant connections with full coil protection.....	✓	✓	—
• Spine Fin™ coil.....	✓	✓	—
• Copper Tube Aluminum Fin coil.....	✓	—	✓
• Electronic Expansion Valve (EEV).....	✓	✓	✓
• Compressor pump 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.....	✓	✓	✓
• Spinnaker gray cabinet.....	✓	✓	✓
• 12-year registered limited warranty on compressor, 10-year on outdoor coil & all other functional parts (Residential Use)❶	✓	—	—
• 10-year registered limited warranty on compressor, outdoor coil & all other functional parts (Residential Use)❶	—	✓	✓
• Extended warranties available	✓	✓	✓

Table SH-6-B — Optional Accessories

Model Number	Description	Shipping Weight			
AY28X084	Evaporator Defrost Control	1	✓	✓	✓
BAYCCHT301RES	Crankcase Heater Kit (Scroll)	1	—	3½-5	3½-5
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	✓	—	—
BAYKSKT263	Start kit (Scroll)	1	2-3	—	2½-5
BAYKSKT266	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	—	✓	✓
TAYASCT551A000	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	3½-5
BAYSEAC001	Seacoast Kit	1	✓	✓	—
BAYWIND100	Wind Baffle	1	1½-2	—	1½-2
BAYWIND101	Wind Baffle	1	2½-5	—	2½-5
AAYSVPANL3343AA	Service Valve Panel Cover Kit	2	2-3	1½-2	—
AAYSVPANL0044AA	Service Valve Panel Cover Kit	2	4-5	2½-3	—
AAYSVPANL0046AA	Service Valve Panel Cover Kit	2	—	3½-5	—
PM003090	Hiresite Spraypaint	1	✓	✓	✓
BRK0503369	Wall Mount Kit	—	—	—	✓

Comfort Controls — See Comfort Controls/Zone Sensors Section

- ❶ Registered Limited Warranty terms are available when you register within 90 days of installation. You can register online at www.americanstandardhvac.com or by phone at 800-554-8825; otherwise American Standard Heating & Air Conditioning's Basic Limited Warranty terms will apply. See Limited Warranty information on specific products can be found on ASStandard.com.
- ❷ Do not use with programmable thermostats.
- ❸ As tested on Power GTR.
- ❹ Used for additional seasonal comfort protection. Refer to bulletin number UN-SV011A-EN for application information.
- ❺ Available from Trane / Parls.

Split System Heat Pumps

Single Phase – 1½-5 Tons



Silver 15
(Single Stage)

Table 8H-7-A — Silver 16 R-410A Split System Single Stage Heat Pump

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Unrated Dimensions (in.)			Shipping Weight (lbs.)	Sound Rating	MCA*	Max. Fuse*	Line Size (in.)	
			H	W	D					OD Gas	OD Liq.
4A5H5018H1000A	208/230/1/60	18,600	29	29	26	161	73	12	20	3/4	3/8
4A5H5019H1000A	208/230/1/60	19,700	33	33	30	196	74	12	20	3/4	3/8
4A5H5024H1000A	208/230/1/60	24,600	33	33	30	208	71	14	25	3/4	3/8
4A5H5030H1000A	208/230/1/60	29,800	29	37	34	248	72	17	25	3/4	3/8
4A5H5036H1000A	208/230/1/60	36,000	45	37	34	246	70	18	30	3/4	3/8
4A5H5042H1000A	208/230/1/60	41,500	45	37	34	277	72	22	35	3/4	3/8
4A5H5048H1000A	208/230/1/60	48,000	45	37	34	300	72	24	40	3/4	3/8
4A5H5060H1000A	208/230/1/60	57,500	45	37	34	301	72	32	50	1 1/4	3/8



Silver 14
(Single Stage)

Table 8H-7-B — Silver 14 R-410A Split System Single Stage Heat Pump

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Unrated Dimensions (in.)			Shipping Weight (lbs.)	Sound Rating	MCA*	Max. Fuse*	Line Size (in.)	
			H	W	D					OD Gas	OD Liq.
4A5H4018G1000A	208/230/1/60	18,600	29	29	26	161	73	12	20	3/4	3/8
4A5H4024G1000A	208/230/1/60	24,400	29	33	30	191	79	14	25	3/4	3/8
4A5H4030G1000A	208/230/1/60	29,000	29	37	34	248	72	17	25	3/4	3/8
4A5H4036G1000A	208/230/1/60	34,000	29	37	34	248	76	19	30	3/4	3/8
4A5H4042G1000A	208/230/1/60	41,500	29	37	34	248	72	25	40	3/4	3/8
4A5H4048G1000A	208/230/1/60	48,500	33	37	34	300	72	25	45	3/4	3/8
4A5H4060G1000A	208/230/1/60	58,000	45	37	34	315	72	32	50	1 1/4	3/8

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

** Rated in accordance with AHRI Standard 270-2009.

Split System Heat Pumps

Single Phase – 1½-5 Tons

Table SH-8-A — Features

	Silver 15 (4A8H5)	Silver 14 (4A8H4)
• SEER up to.....	15.50	14.50
• HSPF up to.....	9.50	8.50
• Duration™ compressor.....	✓	✓
• Comfort-R™ mode approved.....	✓	✓
• DuraBase™ base, test complete drain, weatherproof.....	✓	✓
• Eazy-Beco™ cabinet, service access & refrigerant connections with full coil protection.....	✓	✓
• Spine Fin™ coil.....	✓	✓
• Factory supplied charge.....	R-410A	R-410A
• Glossy corrosion resistant finish.....	✓	✓
• High pressure switch.....	✓	✓
• Low pressure switch.....	✓	✓
• Internal high / low pressure & temperature protection.....	✓	✓
• Liquid line filter drier - factory supplied for field install.....	✓	✓
• Spinnaker gray cabinet.....	✓	✓
• 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		
AY2BX084.....	Evaporator Defrost Control	1	✓	✓
BAYCCHT361RES.....	Crankcase Heater Kit (Scroll)	1	5	3½-5
BAYCCHT362RES.....	Crankcase Heater Kit (Scroll)	1	1½-3	1½-3
BAYECMT023.....	Extreme Conditions Mounting Kit (Base 2/3)	2	1½-2	1½-2
BAYECMT004.....	Extreme Conditions Mounting Kit (Base 4)	2	2½-5	2½-5
BAYSLT101.....	Rubber Isolators	1	✓	✓
BAYSKT263.....	Start kit (Scroll)	1	✓	✓
BAYLEGS007.....	Snow Legs - 7" High (Black)	1	✓	✓
BAYLEGS004.....	Snow legs - 4" High (Black)	1	✓	✓
BAYLOAM107A.....	Low Ambient Kit	1	✓	✓
TAYASC1501A000.....	Anti-Short Cycle Timer	2	✓	✓
BAYSDEN003.....	Small Scroll Compressor Enclosures	8	1½-3	1½-3
BAYSDEN004.....	Large Scroll Compressor Enclosures	8	4-5	3½-5
BAYSEAC001.....	Seacoast Kit	1	✓	✓
AYSVRPNL002AA.....	Service Valve Panel Cover Kit	2	1½	1½
AYSVRPNL003AA.....	Service Valve Panel Cover Kit	2	2½	2-3½
AYSVRPNL3343AA.....	Service Valve Panel Cover Kit	2	019,024	4
AYSVRPNL004AA.....	Service Valve Panel Cover Kit	2	3	—
AYSVRPNL0046AA.....	Service Valve Panel Cover Kit	2	5	5
PA00309(W).....	Heresky Spraypaint	1	✓	✓

Comfort Controls — See Comfort Controls/Zone Sensors Section

(1) Registered Limited Warranty terms are available after you register within 90 days of installation. You can register online at americanstandard.com or by phone at 800-554-8026, otherwise American Standard Heating & Air Conditioning's Basic Limited Warranty terms will apply. Basic Limited Warranty information on specific products can be found on ASDealerNet.com.

(2) Do not use with programmable thermostats.

(3) Activated on Power Off.

(4) Used for additional selected corrosion protection. Refer to bulletin number UN-SV811A-EN for application information.

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 (BTU/h)	Unrated Dimensions (in.)			Shipping Weight (lbs.)	Sound** Rating	Max. MCA*	Max. Fuse*	Line Size (in.)	
			H	W	D					OD	OD
4A6C7036A3000A	208/230/3/60	36,000	45	37	34	307	72	15	25	1/2	3/4
4A6C7048A3000A	208/230/3/60	46,500	45	37	34	323	73	18	30	1/2	3/4
4A6C7060A3000A	208/230/3/60	58,500	45	37	34	326	74	22	35	1 1/4	3/4
4A6C7036A4000A	460/3/60	36,000	45	37	34	307	72	8	15	1/2	3/4
4A6C7048A4000A	460/3/60	46,500	45	37	34	323	73	9	15	1/2	3/4
4A6C7060A4000A	460/3/60	58,500	45	37	34	326	74	10	15	1 1/4	3/4



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 (BTU/h)	Unrated Dimensions (in.)			Shipping Weight (lbs.)	Sound** Rating	Max. MCA*	Max. Fuse*	Line Size (in.)	
			H	W	D					OD	OD
4A6C4036A3000A	208/230/3/60	36,000	29	37	34	248	75	13	20	1/2	3/4
4A6C4042A3000A	208/230/3/60	41,500	29	37	34	248	74	18	20	1/2	3/4
4A6C4048A3000A	208/230/3/60	47,500	33	37	34	300	74	18	30	1/2	3/4
4A6C4060A3000A	208/230/3/60	55,500	45	37	34	301	74	21	35	1 1/4	3/4
4A6C4036A4000A	460/3/60	36,000	29	37	34	248	75	6	15	1/2	3/4
4A6C4042A4000A	460/3/60	42,000	29	37	34	248	74	8	15	1/2	3/4
4A6C4048A4000A	460/3/60	47,500	33	37	34	300	74	8	15	1/2	3/4
4A6C4060A4000A	460/3/60	55,500	45	37	34	301	74	8	15	1 1/4	3/4

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

** Based in accordance with AHRI Standard 370-2008.

Split System Heat Pumps

Single Phase and Three Phase

Table SH-10-A — Features

	Gold 17 (4A8C7)	Silver 14 (4A8C4)
• SEER up to	17.5	15.5
• HSPF up to	9.50	9.00
• Comfort-R™ mode approved	✓	✓
• DuraBase™ base, fast complete drain, weatherproof	✓	✓
• Easy-Save™ cabinet, service access & refrigerant connections with full coil protection	✓	✓
• Spine Fin™ coil	✓	✓
• Compressor pump 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		
AY28X0B4	Evaporator Defrost Control HP	1	✓	✓
BAYCCHT301RES	Crankcase Heater Kit (Scroll)	1	4-5	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	8	3	✓
BAYSDEN004	Large Scroll Compressor Enclosures	8	4,8	3½-5
BAYSEAC001	Seacoast Kit	1	✓	✓
TAYASCT501A(XX)	Anti-short cycle timer	2	✓	4
PA003090	Heresite Spraypaint	1	✓	✓
AAYSVPANL0032AA	Service Valve Panel Cover Kit	2	—	3-3½
AAYSVPANL0044AA	Service Valve Panel Cover Kit	2	3-5	—
AAYSVPANL0046AA	Service Valve Panel Cover Kit	2	—	5
AAYSVPANL3347AA	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 90 days of installation. You can register online at americanshield.com or by phone at 800-554-8020; otherwise American Standard Heating & Air Conditioning's Basic Limited Warranty terms will apply. See Limited Warranty information on specific products for full details on ASD.com/NAI.com.

(2) Do not use with programmable thermostats.

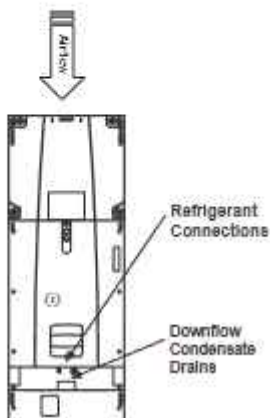
(3) Available on Power 120.

(4) Used for additional secondary corrosion protection. Refer to bulletin number UH-SVB11A-EN for application information.

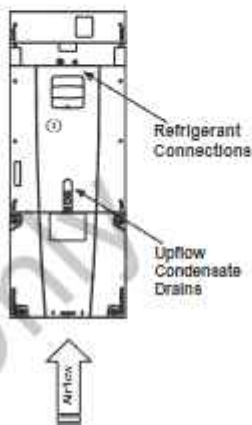
Multi-position Air Handler

*** Note: No internal modifications required for any position.**

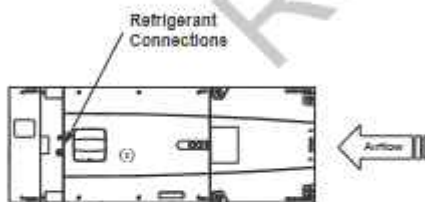
(1) Blade rotation will keep brand in correct position



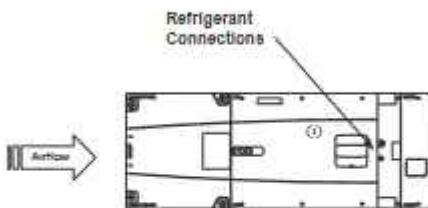
Vertical Downflow*



Vertical Upflow*
(as shipped)

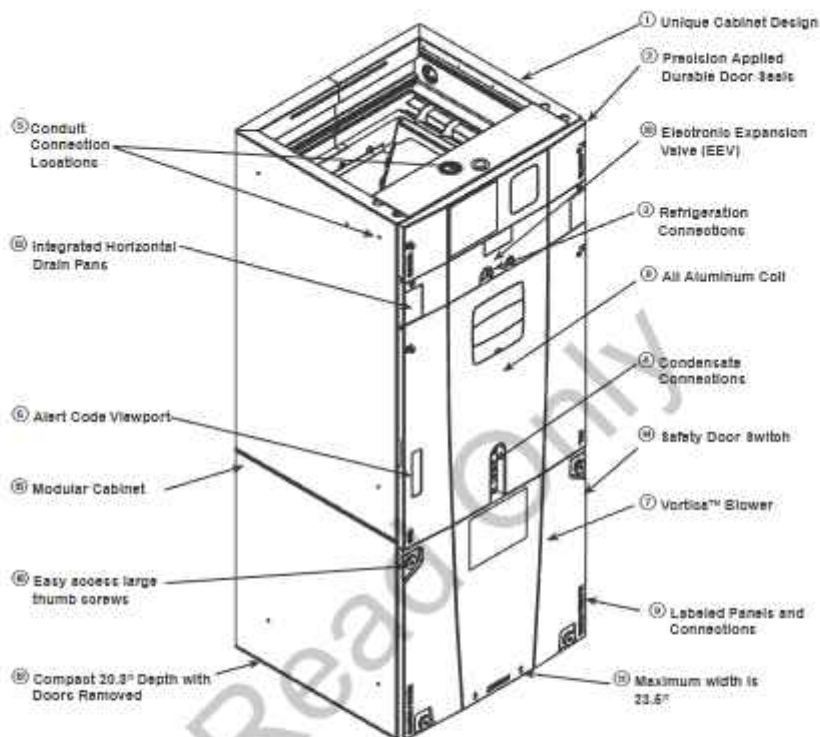


Horizontal Left*



Horizontal Right*

Features and Benefits



① Unique Cabinet Design

- Double wall formed cabinet system
- Waterproof Cabinet Design (No Thermal Breakage)
- $\geq$ R-4.2 Insulating Value (Avg. Insulating Value R-8.2)
- Composite Cabinet Doors
- Sweat Eliminating Cabinet Design
- Loose Fiber Eliminating Design
- Smooth Cleanable Cabinet Design

② Precision Applied Durable Door Seals

③ Refrigeration Connections

④ Condensate Connections

- Dimples in cabinet mark
- Conduit Connection Locations for Left, Right, and Top

⑤ Alert Code Viewport

- Alert Codes can be Viewed Without Door Removal
- Control Protection Pocket

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
- Patented Enhanced Coil Fin

⑨ Labeled Panels and Connections

⑩ Electronic Expansion Valve (EEV)

- Low Ambient and Low Superheat Compressor Protection
- Dual Refrigerant Compatible 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

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

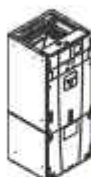


Table AH-3-A — AccuLink™ II or 24V Variable Speed R-410A with Smart Fan Options 200-230/1/60, Epoxy Coated Coil

Unit Model No.	Cooling Capacity (Btu/h)	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Supply Opening	Return Opening	Filter Size	Line Size Gas Liquid
TAM9A0A24V21DA	24000	49.5 x 17.5 x 21.8	126	14.5 x 14.35	14.5 x 17.15	16 x 20 x 1 1/4	1/4 1/2
TAM9A0B30V31DA	30000	55.7 x 21.3 x 21.8	150	16.4 x 14.35	16.4 x 17.15	20 x 20 x 1 1/4	1/4 1/2
TAM9A0C36V31DA	36000	56.9 x 23.5 x 21.8	157	20.5 x 14.35	20.5 x 17.15	22 x 20 x 1 1/4	1/4 1/2
TAM9A0C42V41DA	42000	56.9 x 23.5 x 21.8	162	20.5 x 14.35	20.5 x 17.15	22 x 20 x 1 1/4	1/4 1/2
TAM9A0C48V41DA	48000	61.7 x 23.5 x 21.8	174	20.5 x 14.35	20.5 x 17.15	22 x 20 x 1 1/4	1/4 1/2
TAM9A0C60V51DA	60000	61.7 x 23.5 x 21.8	175	20.5 x 14.35	20.5 x 17.15	22 x 20 x 1 1/4	1/4 1/2

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

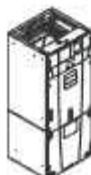


Table AH-3-B — Variable Speed R-410A with Comfort-R™ Enhanced Mode Option 200-230/1/60, Epoxy Coated Coil

Unit Model No.	Cooling Capacity (Btu/h)	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Supply Opening	Return Opening	Filter Size	Line Size Gas Liquid
TAM7A0A24H21EA	24000	49.5 x 17.5 x 21.8	126	14.5 x 14.35	14.5 x 17.15	16 x 20 x 1 1/4	1/4 1/2
TAM7A0B30H21EA	30000	55.7 x 21.3 x 21.8	150	16.4 x 14.35	16.4 x 17.15	20 x 20 x 1 1/4	1/4 1/2
TAM7A0C36H31EA	36000	56.9 x 23.5 x 21.8	157	20.5 x 14.35	20.5 x 17.15	22 x 20 x 1 1/4	1/4 1/2
TAM7A0C42H31EA	42000	56.9 x 23.5 x 21.8	162	20.5 x 14.35	20.5 x 17.15	22 x 20 x 1 1/4	1/4 1/2
TAM7A0C48H41EA	48000	61.7 x 23.5 x 21.8	174	20.5 x 14.35	20.5 x 17.15	22 x 20 x 1 1/4	1/4 1/2
TAM7B0C60H51EA	60000	61.7 x 23.5 x 21.8	175	20.5 x 14.35	20.5 x 17.15	22 x 20 x 1 1/4	1/4 1/2

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

Table AH-4-A — Features

	TAM5 2-5	TAM7 2-5
• Unique cabinet design.....	✓	✓
• 2% or less air leakage.....	✓	✓
• Precision applied - durable door seals.....	✓	✓
• Specialty designed air seal around refrigerant, condensate and conduit connections.....	✓	✓
• Double wall foamed cabinet system.....	✓	✓
• 2 R-4.2 Insulating value (Avg. Insulating Value R-8.2).....	✓	✓
• No loose fiber design.....	✓	✓
• Smooth cleanable interior design.....	✓	✓
• Sweat eliminating design.....	✓	✓
• Composite cabinet doors.....	✓	✓
• Water proof cabinet design.....	✓	✓
• Integrated horizontal drain pans.....	✓	✓
• Modular cabinet.....	✓	✓
• Multi-position up/down flow horizontal left/right.....	✓	✓
• Side return option (sold as accessory).....	✓	✓
• Control board protection pocket built into cabinet wall.....	✓	✓
• Alert port to view control board codes without door removal.....	✓	✓
• AccuLink™ II or 24 Volt control.....	✓	✓
• Alert code notification.....	✓	✓
• 5 button user interface and clear description of set up.....	✓	✓
• Service diagnostic with alert reported at user interface.....	✓	✓
• Low voltage terminal connection point.....	✓	✓
• Vortice® blower with polarized plug connections and integrated side dock for easy removal.....	✓	✓
• Aluminum coil with integrated side dock for easy removal and polarized plug connections on coil EEV.....	✓	✓
• Patented enhanced coil fin.....	✓	✓
• Epoxy coated coil.....	✓	✓
• Electronic Expansion Valve (EEV) with low ambient and low superheat compressor protection.....	✓	✓
• Dust refrigerant compatible as shipped.....	✓	✓
• Slide in electric heaters with polarized plug connections (sold as accessory).....	✓	✓
• Slide in hot water coils 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.....	✓	✓
• 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 mode.....	✓	✓
• 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.....	✓	✓

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

Table AH-5-A — Optional Accessories

Model Number	Description	Matched Cabinet Size(s)	IAHS	IAHT
BAYWAA05SC1AA	Hydronic Heater, 40,000 BTUH, Nominal	A	✓	✓
BAYWAB07SC1AA	Hydronic Heater, 50,000 BTUH, Nominal	B	✓	✓
BAYWACC08SC1AA	Hydronic Heater, 65,000 BTUH, Nominal	C	✓	✓
BAYWVA05SC1AA	Hydronic Heater, 40,000 BTUH, Nominal, Side-In, RS-485 Control	A	✓	✓
BAYWVB07SC1AA	Hydronic Heater, 50,000 BTUH, Nominal, Side-In, RS-485 Control	B	✓	✓
BAYWVC08SC1AA	Hydronic Heater, 65,000 BTUH, Nominal, Side-In, RS-485 Control	C	✓	✓
BAYWACC11SC1AA	Hydronic Heater, 100,000 BTUH, Nominal, External, No Control	C	✓	✓
BAYWAKT24VAC	Hydronic Heater Relay Kit	C	✓	✓
BAYWVBRD485	RS-485 Control for BAYWACC11SC1AA	C	✓	✓
BAYSUPFLGA	Supply Duct Flange A	A	✓	✓
BAYSUPFLGB	Supply Duct Flange B	B	✓	✓
BAYSUPFLGC	Supply Duct Flange C	C	✓	✓
BAYRETFLGA	Return Duct Flange A	A	✓	✓
BAYRETFLGB	Return Duct Flange B	B	✓	✓
BAYRETFLGC	Return Duct Flange C	C	✓	✓
BAYFLR1620A	Washable High velocity filter, 16" x 20" x 1" (10 filters)	A	✓	✓
BAYFLR2020A	Washable high velocity filter, 20" x 20" x 1" (10 filters)	B	✓	✓
BAYFLR2220A	Washable High velocity filter, 22" x 20" x 1" (10 filters)	C	✓	✓
TASSB1750000	Plenum Stand with Integrated Sound Baffle A	A	✓	✓
TASSB2150000	Plenum Stand with Integrated Sound Baffle B	B	✓	✓
TASSB2350000	Plenum Stand with Integrated Sound Baffle C	C	✓	✓
MTSRKIT16200	Side Return Kit with 16"x20" Filter	A-C	✓	✓
BAYSRKIT100	Side Return Kit	A-C	✓	✓
BAYFRKIT175	Front Return Kit	A	✓	✓
BAYFRKIT210	Front Return Kit	B	✓	✓
BAYFRKIT235	Front Return Kit	C	✓	✓
TASSBK1750000	Sound Baffle Kit 17.5" Cabinet	A	✓	✓
TASSBK2150000	Sound Baffle Kit 21.5" Cabinet	B	✓	✓
TASSBK2350000	Sound Baffle Kit 23.5" Cabinet	C	✓	✓
BAYSPEKT200	Single Power Entry Kit		✓	✓
TWYBSETAMA	Downflow Sub-Base Kit	A-C	✓	✓
BAYICSKIT01	Internal Condensate Switch Kit		✓	✓
BAYHHKIT001	Horizontal Hanger Kit		✓	✓
BAYULVCK001	ULV Lights		✓	✓
BAYLVKIT100	Low Voltage Control Entry Kit		✓	✓
BAYVHEMKT001	Air handler Electronic Noise Kit used on Variable Speed Blower Motor		✓	✓
BAYBAFKT175A 0	Sound Baffle Kit 17.5" Cabinet	A	✓	✓
BAYBAFKT215A 0	Sound Baffle Kit 21.5" Cabinet	B	✓	✓
BAYBAFKT235A 0	Sound Baffle Kit 23.5" Cabinet	C	✓	✓
BAYINSKT175A	Sound Insulation Kit 17.5" Cabinet	A	✓	✓
BAYINSKT215A	Sound Insulation Kit 21.5" Cabinet	B	✓	✓
BAYINSKT235A	Sound Insulation Kit 23.5" Cabinet	C	✓	✓
BAYCNDP191A	3/4" PVC Threaded Pipe Kit with foam seal (10 kits)		✓	✓

0 A Cabinet is 17.5" wide, B Cabinet is 21.5" wide, C Cabinet is 23.5" wide.

0 Contact your distributor for information.

0 1 CON1900 Thermostat can not be used with hydronic heating.

0 In return plenum applications, use TASSBK kits for sound reduction.

0 In open air applications, Plenum Stand with Sound Baffle provides sound reduction.

0 Mount in IAHS original plenum stands without integrated sound baffles.

0 Mount inside air filter channel on air handler.

Series 4 Multi-Position Air Handlers

Single Phase 1½-5 Tons

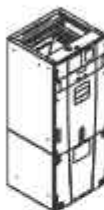


Table AH-6-A — Multi-Speed PSC Motor 200-230/1/60, Epoxy Coated Coil

Unit Model No.	Cooling Capacity (Btu/h)	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Supply Opening	Return Opening	Filter Sizes	Line Size Gas Liquid
TAM4A0A18S1ED	18000	49.9 x 17.5 x 21.8	123	14.5 x 14.35	14.5 x 17.10	16 x 20 x 1	¾ ¾
TAM4A0A24S21ED	24000	49.9 x 17.5 x 21.8	126	14.5 x 14.35	14.5 x 17.10	16 x 20 x 1	¾ ¾
TAM4A0A30S21ED	30000	49.9 x 17.5 x 21.8	127	14.5 x 14.35	14.5 x 17.10	16 x 20 x 1	¾ ¾
TAM4A0A36S31ED	36000	49.9 x 17.5 x 21.8	130	14.5 x 14.35	14.5 x 17.10	16 x 20 x 1	¾ ¾
TAM4A0B42S31ED	42000	55.7 x 21.3 x 21.8	144	18.4 x 14.35	18.4 x 17.10	20 x 20 x 1	1 ¼ ¾
TAM4A0C48S41ED	48000	58.9 x 23.5 x 21.8	155	20.5 x 14.35	20.5 x 17.10	20 x 20 x 1	1 ¼ ¾
TAM4A0C60S61ED(1)	60000	61.7 x 23.5 x 21.8	171	20.5 x 14.35	20.5 x 17.10	22 x 20 x 1	1 ¼ ¾

(1) High efficiency ECM motor.

Table AH-6-B — Features

	TAM4 1 1/2-5
• Unique cabinet design:	✓
– 2% or less air leakage	✓
– Precision applied - durable door seals	✓
– Specialty designed air seal around refrigerant, condensate and conduit connections	✓
– Double wall foamed cabinet system	✓
– 2 R-4.2 insulating value (Avg. Insulating Value R-8.2)	✓
– No loose fiber design	✓
– Smooth cleanable interior design	✓
– Sweat eliminating design	✓
– Composite cabinet doors	✓
– Water proof cabinet design	✓
– Integrated horizontal drain pans	✓
– Modular cabinet	✓
• Multi-position up/down flow horizontal left/right	✓
• Side return option (sold as accessory)	✓
• Alert code notification	✓
• Low voltage pigtail connections	✓
• Vortice® blower with polarized plug connections and integrated slide deck for easy removal	✓
• Aluminum coil with integrated slide deck 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 shipped	✓
• 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	1½-4
• Direct drive, multi speed ECM blower motor - Constant torque ECM (electronically commutated motor)	5
• 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	✓

Series 4 Multi-Position Air Handlers

Single Phase 1½-5 Tons

Table AH-7-A — Optional Accessories

Model Number	Description	Matches Cabinet Style(s)	IAH#
BAYSUFFLGA	Supply Duct Flange A	A	✓
BAYSUFFLGB	Supply Duct Flange B	B	✓
BAYSUFFLGC	Supply Duct Flange C	C	✓
BAYRETLGA	Return Duct Flange A	A	✓
BAYRETLGB	Return Duct Flange B	B	✓
BAYRETLGC	Return Duct Flange C	C	✓
BAYFLR1620A	Washable high velocity filter, 16" x 20" x 1" (10 filters)	A	✓
BAYFLR2020A	Washable high velocity filter, 20" x 20" x 1" (10 filters)	B	✓
BAYFLR2220A	Washable high velocity filter, 22" x 20" x 1" (10 filters)	C	✓
TASB175SB000	Plenum Stand with Integrated Sound Baffle A	A	✓
TASB215SB000	Plenum Stand with Integrated Sound Baffle B	B	✓
TASB235SB000	Plenum Stand with Integrated Sound Baffle C	C	✓
MTSRKIT16200	Side Return Kit with 16"x20" Filter	A-C	✓
TASSBK17500000	Sound Baffle Kit 17.5" Cabinet	A	✓
TASSBK21500000	Sound Baffle Kit 21.5" Cabinet	B	✓
TASSBK23500000	Sound Baffle Kit 23.5" Cabinet	C	✓
BAYSPEKT00	Single Power Entry Kit		✓
BAYSRKIT100	Side Return Kit	A-C	✓
BAYFRKIT175	Front Return Kit	A	✓
BAYFRKIT210	Front Return Kit	B	✓
BAYFRKIT235	Front Return Kit	C	✓
BAYICSKIT01	Internal Condensate Switch Kit		✓
BAYHHKIT001	Horizontal Hanger Kit		✓
BAYUVCUK001	UV-C Lights		✓
BAYLVKIT100A	Low Voltage Conduit Entry Kit		✓
BAYAHMKIT001	Air handler Electronic Noise Kit used on Variable Speed Blower Motor		✓
BAYBAFKT175A (0)	Sound Baffle Kit 17.5" Cabinet	A	✓
BAYBAFKT215A (0)	Sound Baffle Kit 21.5" Cabinet	B	✓
BAYBAFKT235A (0)	Sound Baffle Kit 23.5" Cabinet	C	✓
BAYINSKT175A	Sound Insulation Kit 17.5" Cabinet	A	✓
BAYINSKT215A	Sound Insulation Kit 21.5" Cabinet	B	✓
BAYINSKT235A	Sound Insulation Kit 23.5" Cabinet	C	✓
BAYCNDRIPO1A	3/4" PVC Threaded Floor Kit with foam pad (10 kits)		✓

(0) A Cabinet is 17.5" wide, B Cabinet is 21.5" wide, C Cabinet is 23.5" wide.

(0) Contact your distributor for information.

(0) In return plenum applications, use TASSBK kits for sound protection.

(0) In open air applications, Plenum Stand with Sound Baffle provides sound reduction.

(0) Models in TASSB original plenum stands without integrated sound baffles.

(0) Models include air filter channel not all models.

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

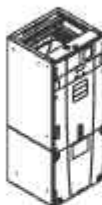


Table AH-8-A — Multi-Speed High Efficiency Motor 200-230/1/60, Epoxy Coated Coil

Unit Model No.	Cooling Capacity (Btu/h)	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Supply Opening	Return Opening	Filter Sizes	Line Size Gas Liquid
GAM5B0A18M11EA	18000	49.9 x 17.5 x 21.8	126	14.5 x 14.35	14.5 x 17.15	16 x 20 x 1	½ ¾
GAM5B0A24M21EA	24000	49.9 x 17.5 x 21.8	126	14.5 x 14.35	14.5 x 17.15	16 x 20 x 1	½ ¾
GAM5B0B30M21EA	30000	51.5 x 21.3 x 21.8	140	18.4 x 14.35	18.4 x 17.15	20 x 20 x 1	½ ¾
GAM5B0B36M31EA	36000	56.7 x 21.3 x 21.8	150	18.4 x 14.35	18.4 x 17.15	20 x 20 x 1	¾ 1
GAM5B0C42M31EA	42000	56.9 x 23.5 x 21.8	163	20.5 x 14.35	20.5 x 17.15	22 x 20 x 1	¾ 1
GAM5B0C48M41EA	48000	61.7 x 23.5 x 21.8	176	20.5 x 14.35	20.5 x 17.15	22 x 20 x 1	¾ 1
GAM5B0C60M51EA	60000	61.7 x 23.5 x 21.8	180	20.5 x 14.35	20.5 x 17.15	22 x 20 x 1	¾ 1

Table AH-8-B — Features

	GAM5 1 1/2-5
• Unique cabinet design.....	✓
- 2% or less air leakage.....	✓
- Precision applied - durable door seals.....	✓
- Specialty designed air seal around refrigerant, condensate and control connections.....	✓
- Double wall foamed cabinet system.....	✓
- 2 R-4.2 Insulating Value (Avg. Insulating Value R-8.2).....	✓
- No loose fiber design.....	✓
- Smooth cleanable interior design.....	✓
- Sweat eliminating design.....	✓
- Composite cabinet doors.....	✓
- Water proof cabinet design.....	✓
- Integrated horizontal drain pans.....	✓
- Modular cabinet.....	✓
• Multi-position up/down flow horizontal left/right.....	✓
• Side return option (sold as accessory).....	✓
• Low voltage digital connections.....	✓
• Vertice™ blower with polarized plug connections and integrated slide deck for easy removal.....	✓
• Aluminum coil with integrated slide deck 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 panels and connections.....	✓
• Molded in 1" standard filter rail.....	✓
• Direct drive, multi speed ECM blower motor - Constant torque ECM (electronically commutated motor).....	✓
• 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.....	✓

Series 5 Multi-Position Air Handlers

Single Phase 1½-5 Tons

Table AH-8-A — Optional Accessories

Model Number	Description	Matches Cabinet Style(s)	CASE
BAYWAA09SC1AA	Hydronic Heater, 40,000 BTUH, Nominal, Side-In, No Control	A	✓
BAYWAB07SC1AA	Hydronic Heater, 50,000 BTUH, Nominal, Side-In, No Control	B	✓
BAYWACC08SC1AA	Hydronic Heater, 65,000 BTUH, Nominal, Side-In, No Control	C	✓
BAYWACC11SC1AA	Hydronic Heater, 100,000 BTUH, Nominal, Side-In, No Control	C	✓
BAYSUPFLGAA	Supply Duct Flange A	A	✓
BAYSUPFLGBA	Supply Duct Flange B	B	✓
BAYSUPFLGCA	Supply Duct Flange C	C	✓
BAYRETLGAA	Return Duct Flange A	A	✓
BAYRETLGBA	Return Duct Flange B	B	✓
BAYRETLGCA	Return Duct Flange C	C	✓
BAYFLR1820A	Washable high velocity filter, 16" x 20" x 1" (10 filters)	A	✓
BAYFLR2025A	Washable high velocity filter, 20" x 20" x 1" (10 filters)	B	✓
BAYFLR2225A	Washable high velocity filter, 22" x 20" x 1" (10 filters)	C	✓
TASB175SB000	Plenum Stand with Integrated Sound Baffle A	A	✓
TASB215SB000	Plenum Stand with Integrated Sound Baffle B	B	✓
TASB235SB000	Plenum Stand with Integrated Sound Baffle C	C	✓
MTSRKIT16200	Side Return Kit with 16"x20" Filter	A-C	✓
TASSEK175X000	Sound Baffle Kit 17.5" Cabinet	A	✓
TASSEK215X000	Sound Baffle Kit 21.5" Cabinet	B	✓
TASSEK235X000	Sound Baffle Kit 23.5" Cabinet	C	✓
BAYSPEKT000	Single Power Entry Kit		✓
BAYSRKIT100	Side Return Kit	A-C	✓
BAYFRKIT175	Front Return Kit	A	✓
BAYFRKIT210	Front Return Kit	B	✓
BAYFRKIT235	Front Return Kit	C	✓
BAYHHKIT001	Horizontal Hanger Kit		✓
BAYUNCL001	UVC Lights		✓
BAYLWKT100A	Low Voltage Conduit Entry Kit		✓
BAYHEM9KIT001	Air handler Electronic Noise Kit used on Variable Speed Blower Motor		✓
BAYBAFKT175A	Baffle Kit 17.5" Cabinet	A	✓
BAYBAFKT215A	Baffle Kit 21.5" Cabinet	B	✓
BAYBAFKT235A	Baffle Kit 23.5" Cabinet	C	✓
BAYISKT175A00	Sound Insulation Kit 17.5" Cabinet	A	✓
BAYISKT215A00	Sound Insulation Kit 21.5" Cabinet	B	✓
BAYISKT235A00	Sound Insulation Kit 23.5" Cabinet	C	✓
BAYCNDPIP01A	3/4" PVC Threaded Pipe Kit with foam seal (10 kits)		✓
Model			
Number	Description		CASE
BAYATKV1836A	R-22 TXV conversion kit		196-2
BAYATKV4248A	R-22 TXV conversion kit		276-396
BAYATKV8060A	R-22 TXV conversion kit		4-5

(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) In return pressure applications, use TASSEK kits for sound reduction.

(4) In open air applications, Plenum Stand with Sound Baffle provides sound reduction.

(5) Models in TASB original plenum stands without integrated sound baffles.

(6) Models include air filter channel on air handler.

Series 2 Split System Air Handlers

Single Phase 1½-3 Tons



Table AH-10-A — Multi-Speed PSC Motor 200-230/1/60, Epoxy Coated Coil

Unit Model No.	Cooling Capacity (Btu/h)	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Supply Opening	Return Opening	Filter Size	Line Size Gas - Liquid
GAF2ACA18S11EE	18000	39.5 x 17.5 x 21.8	117	14.5 x 16.75	14.5 x 17.8	N/A	¾" ¾"
GAF2ACA24S21EE	24000	39.5 x 17.5 x 21.8	120	14.5 x 16.75	14.5 x 17.8	N/A	¾" ¾"
GAF2ACA30S21EE	30000	39.5 x 17.5 x 21.8	121	14.5 x 16.75	14.5 x 17.8	N/A	¾" ¾"
GAF2ACA36S31EE	36000	39.5 x 17.5 x 21.8	122	14.5 x 16.75	14.5 x 17.8	N/A	¾" ¾"



Table AH-10-B — Multi-Speed High Efficiency ECM Motor 200-230/1/60, Epoxy Coated Coil

Unit Model No.	Cooling Capacity (Btu/h)	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Supply Opening	Return Opening	Filter Size	Line Size Gas - Liquid
GAF2ACA36M31EC	36000	39.5 x 17.5 x 21.8	118	14.5 x 14.35	14.5 x 17.10	N/A	¾" ¾"

(D) High efficiency ECM Motor

Table AH-10-C — Features

	GAF2 1 1/2-3
• 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 (Avg. Insulating Value R-8.2).....	✓
• No loose fiber design.....	✓
• Smooth cleanable interior design.....	✓
• Sweat eliminating design.....	✓
• Composite cabinet doors.....	✓
• Water proof cabinet design.....	✓
• Integrated horizontal drain pans.....	✓
• 3 way conversion up flow/horizontal left/right.....	✓
• Front return option.....	✓
• Low voltage pigtail connections.....	✓
• Vertice® blower with polarized plug connections and integrated slide deck for easy removal.....	✓
• Aluminum coil with integrated slide deck for easy removal and polarized plug connections on coil EEV (GAF2ADA36M31).....	✓
• Polarized enhanced coil fin.....	✓
• Epoxy coated coil.....	✓
• R-410A TXV.....	✓
• Labeled panels and connections.....	✓
• PSC 3 speed motor.....	✓
• Direct drive, multi speed ECM blower motor - Constant torque ECM (electronically commutated motor) (GAF2AQA36M31).....	✓
• Maximum width of 23.5".....	✓
• Compact 20.8" depth with doors removed.....	✓
• Fused 24v power.....	✓
• 5-year base limited warranty.....	✓
• 10-year registered limited warranty.....	✓
• Optional extended warranty available.....	✓

Series 2 Split System Air Handlers

Single Phase 1½-3 Tons

Table AH-11-A — Optional Accessories

Model		
Number	Description	GAF2 (1)
BAYTRV1835	R-22 TXV conversion kit 1-1/2 to 3 ton	✓
BAYBRFBX100	Bottom Return Filter Box	✓
BAYFRKIT100	Front Return Kit	✓
BAYICSKIT01	Internal Condensate Switch Kit (GAF2A0A3EM311SA)	3
BAYLVKIT100	Low Voltage Conduit Entry Kit	✓
BAYRETRFGAA	Return Duct Flange A, A1	✓
BAYSFSCABAA	Supply Duct Flange A1	✓
BAYAHMKIT001	Air handler Electronic Noise Kit used on Variable Speed Blower Motor	✓
BAYSRKIT100	Side Return Kit	✓
BAYWMKIT001	Wall Mount Kit	✓
TASB175SB600	Plenum Stand with Integrated Sound Baffle A	✓
MTSRKIT16200	Side Return Kit with 16"x20" Filter	✓
TASBKIT175000	Sound Baffle Kit 17.5" Cabinet (mounts to TASB plenum stands)	✓
BAYECPDKIT1	Pull disconnect kit	✓
BAYBAFKIT175A	Baffle Kit 17.5" Cabinet (mounts in air handler filter channel)	✓
BAYINSKIT175A	Sound Insulation Kit 17.5" Cabinet	✓
BAYCNDP101A	3/4" PVC Threaded Pipe Kit with both seal (10 kits)	✓

(1) The A1 three-piece 17.5" side cabinet is used on the GAF2 air handlers only.

(2) Contact your distributor for information.

(3) In return plenum applications, use TASB kit for sound reduction.

(4) In open air applications, Plenum Stand with Sound Baffle provides sound reduction.

Heaters for Multi-Position Air Handlers

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

Heater Model Number	Capacity @ 240 Volts		Capacity @ 208 Volts		Rated Voltage	Control Stages	Number of Heater Racks	Number of Circuits	Heater Amps per Circuit		Contains Circuit Breakers
	kW	BTUH	kW	BTUH					208 Volts	240 Volt	
BAYEAAC04BK1BA	3.84	13100	2.88	9800	208/240/1/60	1	1	1	13.6	16	Yes
BAYEAAC04LG1BA	3.84	13100	2.88	9800	208/240/1/60	1	1	1	13.6	16	No
BAYEAAC05BK1BA	4.80	16400	3.60	12300	208/240/1/60	1	1	1	17.3	20	Yes
BAYEAAC05LG1BA	4.80	16400	3.60	12300	208/240/1/60	1	1	1	17.3	20	No
BAYEAAC08BK1BA	7.68	26200	5.76	19700	208/240/1/60	2	2	1	27.7	32	Yes
BAYEAAC08LG1BA	7.68	26200	5.76	19700	208/240/1/60	2	2	1	27.7	32	No
BAYEAAC10BK1BA	9.60	32800	7.20	24600	208/240/1/60	2	2	1	34.6	40	Yes
BAYEAAC10LG1BA	9.60	32800	7.20	24600	208/240/1/60	2	2	1	34.6	40	No
BAYEABC15BK1BA	14.40	49200	10.80	36900	208/240/1/60	3	3	2	34.6/17.3	40/20	Yes
BAYEABC15LG1BA	14.40	49200	10.80	36900	208/240/1/60	3	3	2	34.6/17.3	40/20	No
BAYEACC20BK1BA	19.20	65600	14.40	49200	208/240/1/60	3	4	2	34.6/34.6	40/40	Yes
BAYEACC20LG1BA	19.20	65600	14.40	49200	208/240/1/60	3	4	2	34.6/34.6	40/40	No

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

Heater Model Number	Capacity @ 240 Volts		Capacity @ 208 Volts		Rated Voltage	Control Stages	Number of Heater Racks	Number of Circuits	Heater Amps per Circuit		Contains Circuit Breakers
	kW	BTUH	kW	BTUH					208 Volts	240 Volt	
BAYEVAC04BK1BA	3.84	13100	2.88	9800	208/240/1/60	1	1	1	13.6	16	Yes
BAYEVAC04LG1BA	3.84	13100	2.88	9800	208/240/1/60	1	1	1	13.6	16	No
BAYEVAC08BK1BA	4.80	16400	3.60	12300	208/240/1/60	1	1	1	17.3	20	Yes
BAYEVAC08LG1BA	4.80	16400	3.60	12300	208/240/1/60	1	1	1	17.3	20	No
BAYEVAC08BK1BA	7.68	26200	5.76	19700	208/240/1/60	2	2	1	27.7	32	Yes
BAYEVAC08LG1BA	7.68	26200	5.76	19700	208/240/1/60	2	2	1	27.7	32	No
BAYEVAC10BK1BA	9.60	32800	7.20	24600	208/240/1/60	2	2	1	34.6	40	Yes
BAYEVAC10LG1BA	9.60	32800	7.20	24600	208/240/1/60	2	2	1	34.6	40	No
BAYEVCB15BK1BA	14.40	49200	10.80	36900	208/240/1/60	3	3	2	34.6/17.3	40/20	Yes
BAYEVCB15LG1BA	14.40	49200	10.80	36900	208/240/1/60	3	3	2	34.6/17.3	40/20	No
BAYEVCB20BK1BA	19.20	65600	14.40	49200	208/240/1/60	3	4	2	34.6/34.6	40/40	Yes
BAYEVCB20LG1BA	19.20	65600	14.40	49200	208/240/1/60	3	4	2	34.6/34.6	40/40	No

BK = Contains circuit breakers

LG = Contains tag connections

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

Heater Model Number	Capacity @ 240 Volts		Capacity @ 208 Volts		Rated Voltage	Control Stages	Number of Heater Racks	Number of Circuits	Heater Amps per Circuit		Contains Circuit Breakers
	kW	BTUH	kW	BTUH					208 Volts	240 Volt	
BAYECAAD0LG1BA	4.80	16400	3.60	12300	208/240/1/60	1	1	1	17.3	20	No
BAYECAAD0LG1BA	7.68	26200	5.76	19700	208/240/1/60	2	2	1	27.7	32	No
BAYECAAD0LG1BA	9.60	32800	7.20	24600	208/240/1/60	2	2	1	34.6	40	No

BAYECAD0LG11 = Optional pad disconnected (used with BAYECAD0LG11 heater only)

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

Heater Model Number	Capacity @ 240 Volts		Capacity @ 208 Volts		Rated Voltage	Control Stages	Number of Heater Racks	Number of Circuits	Heater Amps per Circuit		Contains Circuit Breakers
	kW	BTUH	kW	BTUH					208 Volts	240 Volt	
BAYEAAC10LG3BA	9.60	32800	7.20	24600	208/240/3/60	1	3	1	20.0	23.1	No
BAYEAAC15LG3BA	14.40	49200	10.80	36900	208/240/3/60	1	3	1	30.0	34.6	No

(1) 3-Phase - W1, W2, W3 must be jumpered at line voltage connection

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

Heater Model Number	Capacity @ 240 Volts		Capacity @ 208 Volts		Rated Voltage	Control Stages	Number of Heater Racks	Number of Circuits	Heater Amps per Circuit		Contains Circuit Breakers
	kW	BTUH	kW	BTUH					208 Volts	240 Volt	
BAYEVAC10LG3BA	9.60	32800	7.20	24600	208/240/3/60	1	3	1	20.0	23.1	No
BAYEVAC15LG3BA	14.40	49200	10.80	36900	208/240/3/60	1	3	1	30.0	34.6	No

Heaters for Multi-Position Air Handlers

Table AH-13-4 — Air Handler/Heater Matrix

[illegible]

UK = Control circuit breakers

LG = Contains two corrections

Table AH-13-B — Air Handler/Heater Matrix (continued)

[illegible]

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

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 (Btu/h)	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Supply Opening	Return Opening	Filter Status	Low Gas	Gas	Liquid
TEMAA0824V41DA	24000	46.75 x 18.5 x 21.3	126	16.5 x 12.15	16.75 x 18.75	0	%	%	%
TEMAA0830V31DB	30000	46.75 x 18.5 x 21.3	126	16.5 x 12.15	16.75 x 18.75	0	%	%	%
TEMAA0836V31DB	36000	51.27 x 23.5 x 21.3	155	21.5 x 12.15	21.75 x 18.75	0	%	%	%
TEMAA0842V41DA	42000	51.27 x 23.5 x 21.3	155	21.5 x 12.15	21.75 x 18.75	0	%	%	%
TEMAA0848V41DA	48000	55.75 x 23.5 x 21.3	185	24.5 x 12.15	24.75 x 18.75	0	%	%	%
TEMAA0854V41DA	54000	55.75 x 23.5 x 21.3	185	24.5 x 12.15	24.75 x 18.75	0	%	%	%
TEMAA0860V51DA	60000	53.87 x 26.5 x 21.3	181	24.5 x 12.15	24.75 x 18.75	0	%	%	%
TEMAA0866V51DB	66000	53.87 x 26.5 x 21.3	181	24.5 x 12.15	24.75 x 18.75	0	%	%	%
TEMAA0872V51DB	72000	53.87 x 26.5 x 21.3	181	24.5 x 12.15	24.75 x 18.75	0	%	%	%
TEMAA0878V51DB	78000	53.87 x 26.5 x 21.3	181	24.5 x 12.15	24.75 x 18.75	0	%	%	%
TEMAA0884V51DB	84000	53.87 x 26.5 x 21.3	181	24.5 x 12.15	24.75 x 18.75	0	%	%	%
TEMAA0890V51DB	90000	53.87 x 26.5 x 21.3	181	24.5 x 12.15	24.75 x 18.75	0	%	%	%
TEMAA0896V51DB	96000	53.87 x 26.5 x 21.3	181	24.5 x 12.15	24.75 x 18.75	0	%	%	%
TEMAA0902V51DB	102000	53.87 x 26.5 x 21.3	181	24.5 x 12.15	24.75 x 18.75	0	%	%	%
TEMAA0908V51DB	108000	53.87 x 26.5 x 21.3	181	24.5 x 12.15	24.75 x 18.75	0	%	%	%
TEMAA0914V51DB	114000	53.87 x 26.5 x 21.3	181	24.5 x 12.15	24.75 x 18.75	0	%	%	%
TEMAA0920V51DB	120000	53.87 x 26.5 x 21.3	181	24.5 x 12.15	24.75 x 18.75	0	%	%	%
TEMAA0926V51DB	126000	53.87 x 26.5 x 21.3	181	24.5 x 12.15	24.75 x 18.75	0	%	%	%
TEMAA0932V51DB	132000	53.87 x 26.5 x 21.3	181	24.5 x 12.15	24.75 x 18.75	0	%	%	%
TEMAA0938V51DB	138000	53.87 x 26.5 x 21.3	181	24.5 x 12.15	24.75 x 18.75	0	%	%	%
TEMAA0944V51DB	144000	53.87 x 26.5 x 21.3	181	24.5 x 12.15	24.75 x 18.75	0	%	%	%
TEMAA0950V51DB	150000	53.87 x 26.5 x 21.3	181	24.5 x 12.15	24.75 x 18.75	0	%	%	%
TEMAA0956V51DB	156000	53.87 x 26.5 x 21.3	181	24.5 x 12.15	24.75 x 18.75	0	%	%	%
TEMAA0962V51DB	162000	53.87 x 26.5 x 21.3	181	24.5 x 12.15	24.75 x 18.75	0	%	%	%
TEMAA0968V51DB	168000	53.87 x 26.5 x 21.3	181	24.5 x 12.15	24.75 x 18.75	0	%	%	%
TEMAA0974V51DB	174000	53.87 x 26.5 x 21.3	181	24.5 x 12.15	24.75 x 18.75	0	%	%	%
TEMAA0980V51DB	180000	53.87 x 26.5 x 21.3	181	24.5 x 12.15	24.75 x 18.75	0	%	%	%
TEMAA0986V51DB	186000	53.87 x 26.5 x 21.3	181	24.5 x 12.15	24.75 x 18.75	0	%	%	%
TEMAA0992V51DB	192000	53.87 x 26.5 x 21.3	181	24.5 x 12.15	24.75 x 18.75	0	%	%	%
TEMAA0998V51DB	198000	53.87 x 26.5 x 21.3	181	24.5 x 12.15	24.75 x 18.75	0	%	%	%
TEMAA1004V51DB	204000	53.87 x 26.5 x 21.3	181	24.5 x 12.15	24.75 x 18.75	0	%	%	%
TEMAA1010V51DB	210000	53.87 x 26.5 x 21.3	181	24.5 x 12.15	24.75 x 18.75	0	%	%	%
TEMAA1016V51DB	216000	53.87 x 26.5 x 21.3	181	24.5 x 12.15	24.75 x 18.75	0	%	%	%
TEMAA1022V51DB	222000	53.87 x 26.5 x 21.3	181	24.5 x 12.15	24.75 x 18.75	0	%	%	%
TEMAA1028V51DB	228000	53.87 x 26.5 x 21.3	181	24.5 x 12.15	24.75 x 18.75	0	%	%	%
TEMAA1034V51DB	234000	53.87 x 26.5 x 21.3	181	24.5 x 12.15	24.75 x 18.75	0	%	%	%
TEMAA1040V51DB	240000	53.87 x 26.5 x 21.3	181	24.5 x 12.15	24.75 x 18.75	0	%	%	%
TEMAA1046V51DB	246000	53.87 x 26.5 x 21.3	181	24.5 x 12.15	24.75 x 18.75	0	%	%	%
TEMAA1052V51DB	252000	53.87 x 26.5 x 21.3	181	24.5 x 12.15	24.75 x 18.75	0	%	%	%
TEMAA1058V51DB	258000	53.87 x 26.5 x 21.3	181	24.5 x 12.15	24.75 x 18.75	0	%	%	%
TEMAA1064V51DB	264000	53.87 x 26.5 x 21.3	181	24.5 x 12.15	24.75 x 18.75	0	%	%	%
TEMAA1070V51DB	270000	53.87 x 26.5 x 21.3	181	24.5 x 12.15	24.75 x 18.75	0	%	%	%
TEMAA1076V51DB	276000	53.87 x 26.5 x 21.3	181	24.5 x 12.15	24.75 x 18.75	0	%	%	%
TEMAA1082V51DB	282000	53.87 x 26.5 x 21.3	181	24.5 x 12.15	24.75 x 18.75	0	%	%	%
TEMAA1088V51DB	288000	53.87 x 26.5 x 21.3	181	24.5 x 12.15	24.75 x 18.75	0	%	%	%
TEMAA1094V51DB	294000	53.87 x 26.5 x 21.3	181	24.5 x 12.15	24.75 x 18.75	0	%	%	%
TEMAA1100V51DB	300000	53.87 x 26.5 x 21.3	181	24.5 x 12.15	24.75 x 18.75	0	%	%	%

① *Chloroform* (distilled) 100 ml, *Diethyl ether* (distilled) 100 ml, *Acetic acid* (glacial) 100 ml, *Hydrochloric acid* (conc.) 100 ml, *Sulfuric acid* (conc.) 100 ml, *Nitric acid* (conc.) 100 ml, *Phosphoric acid* (conc.) 100 ml, *Sodium hydroxide* (solid) 100 g, *Potassium hydroxide* (solid) 100 g, *Ammonium hydroxide* (conc.) 100 ml, *Hydrogen peroxide* (30%) 100 ml, *Hydrogen sulfide* (gas) 100 ml, *Sulfur dioxide* (gas) 100 ml, *Carbon dioxide* (gas) 100 ml, *Oxygen* (gas) 100 ml, *Nitrogen* (gas) 100 ml, *Argon* (gas) 100 ml, *Helium* (gas) 100 ml, *Neon* (gas) 100 ml, *Krypton* (gas) 100 ml, *Xenon* (gas) 100 ml, *Radiation* (gamma) 100 Mrad, *Gamma rays* (cobalt-60) 100 Mrad, *Ultraviolet light* (254 nm) 100 mJ, *Infrared light* (1000 cm⁻¹) 100 mJ, *Visible light* (400-700 nm) 100 mJ, *Radio waves* (100 MHz) 100 mJ, *Sound waves* (1000 Hz) 100 mJ, *Electric field* (100 kV/cm) 100 mJ, *Magnetic field* (100 T) 100 mJ, *Pressure* (100 MPa) 100 mJ, *Temperature* (100 °C) 100 mJ, *Time* (100 h) 100 mJ, *Distance* (100 m) 100 mJ, *Mass* (100 g) 100 mJ, *Volume* (100 ml) 100 mJ, *Concentration* (100 M) 100 mJ, *Energy* (100 J) 100 mJ, *Power* (100 W) 100 mJ, *Frequency* (100 Hz) 100 mJ, *Wavelength* (100 nm) 100 mJ, *Angle* (100 degrees) 100 mJ, *Area* (100 cm²) 100 mJ, *Perimeter* (100 cm) 100 mJ, *Surface area* (100 cm²) 100 mJ, *Volume* (100 cm³) 100 mJ, *Mass* (100 g) 100 mJ, *Concentration* (100 M) 100 mJ, *Energy* (100 J) 100 mJ, *Power* (100 W) 100 mJ, *Frequency* (100 Hz) 100 mJ, *Wavelength* (100 nm) 100 mJ, *Angle* (100 degrees) 100 mJ, *Area* (100 cm²) 100 mJ, *Perimeter* (100 cm) 100 mJ, *Surface area* (100 cm²) 100 mJ, *Volume* (100 cm³) 100 mJ, *Mass* (100 g) 100 mJ, *Concentration* (100 M) 100 mJ, *Energy* (100 J) 100 mJ, *Power* (100 W) 100 mJ, *Frequency* (100 Hz) 100 mJ, *Wavelength* (100 nm) 100 mJ, *Angle* (100 degrees) 100 mJ, *Area* (100 cm²) 100 mJ, *Perimeter* (100 cm) 100 mJ, *Surface area* (100 cm²) 100 mJ, *Volume* (100 cm³) 100 mJ, *Mass* (100 g) 100 mJ, *Concentration* (100 M) 100 mJ, *Energy* (100 J) 100 mJ, *Power* (100 W) 100 mJ, *Frequency* (100 Hz) 100 mJ, *Wavelength* (100 nm) 100 mJ, *Angle* (100 degrees) 100 mJ, *Area* (100 cm²) 100 mJ, *Perimeter* (100 cm) 100 mJ, *Surface area* (100 cm²) 100 mJ, *Volume* (100 cm³) 100 mJ, *Mass* (100 g) 100 mJ, *Concentration* (100 M) 100 mJ, *Energy* (100 J) 100 mJ, *Power* (100 W) 100 mJ, *Frequency* (100 Hz) 100 mJ, *Wavelength* (100 nm) 100 mJ, *Angle* (100 degrees) 100 mJ, *Area* (100 cm²) 100 mJ, *Perimeter* (100 cm) 100 mJ, *Surface area* (100 cm²) 100 mJ, *Volume* (100 cm³) 100 mJ, *Mass* (100 g) 100 mJ, *Concentration* (100 M) 100 mJ, *Energy* (100 J) 100 mJ, *Power* (100 W) 100 mJ, *Frequency* (100 Hz) 100 mJ, *Wavelength* (100 nm) 100 mJ, *Angle* (100 degrees) 100 mJ, *Area* (100 cm²) 100 mJ, *Perimeter* (100 cm) 100 mJ, *Surface area* (100 cm²) 100 mJ, *Volume* (100 cm³) 100 mJ, *Mass* (100 g) 100 mJ, *Concentration* (100 M) 100 mJ, *Energy* (100 J) 100 mJ, *Power* (100 W) 100 mJ, *Frequency* (100 Hz) 100 mJ, *Wavelength* (100 nm) 100 mJ, *Angle* (100 degrees) 100 mJ, *Area* (100 cm²) 100 mJ, *Perimeter* (100 cm) 100 mJ, *Surface area* (100 cm²) 100 mJ, *Volume* (100 cm³) 100 mJ, *Mass* (100 g) 100 mJ, *Concentration* (100 M) 100 mJ, *Energy* (100 J) 100 mJ, *Power* (100 W) 100 mJ, *Frequency* (100 Hz) 100 mJ, *Wavelength* (100 nm) 100 mJ, *Angle* (100 degrees) 100 mJ, *Area* (100 cm²) 100 mJ, *Perimeter* (100 cm) 100 mJ, *Surface area* (100 cm²) 100 mJ, *Volume* (100 cm³) 100 mJ, *Mass* (100 g) 100 mJ, *Concentration* (100 M) 100 mJ, *Energy* (100 J) 100 mJ, *Power* (100 W) 100 mJ, *Frequency* (100 Hz) 100 mJ, *Wavelength* (100 nm) 100 mJ, *Angle* (100 degrees) 100 mJ, *Area* (100 cm²) 100 mJ, *Perimeter* (100 cm) 100 mJ, *Surface area* (100 cm²) 100 mJ, *Volume* (100 cm³) 100 mJ, *Mass* (100 g) 100 mJ, *Concentration* (100 M) 100 mJ, *Energy* (100 J) 100 mJ, *Power* (100 W) 100 mJ, *Frequency* (100 Hz) 100 mJ, *Wavelength* (100 nm) 100 mJ, *Angle* (100 degrees) 100 mJ, *Area* (100 cm²) 100 mJ, *Perimeter* (100 cm) 100 mJ, *Surface area* (100 cm²) 100 mJ, *Volume* (100 cm³) 100 mJ, *Mass* (100 g) 100 mJ, *Concentration* (100 M) 100 mJ, *Energy* (100 J) 100 mJ, *Power* (100 W) 100 mJ, *Frequency* (100 Hz) 100 mJ, *Wavelength* (100 nm) 100 mJ, *Angle* (100 degrees) 100 mJ, *Area* (100 cm²) 100 mJ, *Perimeter* (100 cm) 100 mJ, *Surface area* (100 cm²) 100 mJ, *Volume* (100 cm³) 100 mJ, *Mass* (100 g) 100 mJ, *Concentration* (100 M) 100 mJ, *Energy* (100 J) 100 mJ, *Power* (100 W) 100 mJ, *Frequency* (100 Hz) 100 mJ, *Wavelength* (100 nm) 100 mJ, *Angle* (100 degrees) 100 mJ, *Area* (100 cm²) 100 mJ, *Perimeter* (100 cm) 100 mJ, *Surface area* (100 cm²) 100 mJ, *Volume* (100 cm³) 100 mJ, *Mass* (100 g) 100 mJ, *Concentration* (100 M) 100 mJ, *Energy* (100 J) 100 mJ, *Power* (100 W) 100 mJ, *Frequency* (100 Hz) 100 mJ, *Wavelength* (100 nm) 100 mJ, *Angle* (100 degrees) 100 mJ, *Area* (100 cm²) 100 mJ, *Perimeter* (100 cm) 100 mJ, *Surface area* (100 cm²) 100 mJ, *Volume* (100 cm³) 100 mJ, *Mass* (100 g) 100 mJ, *Concentration* (100 M) 100 mJ, *Energy* (100 J) 100 mJ, *Power* (100 W) 100 mJ, *Frequency* (100 Hz) 100 mJ, *Wavelength* (100 nm) 100 mJ, *Angle* (100 degrees) 100 mJ, *Area* (100 cm²) 100 mJ, *Perimeter* (100 cm) 100 mJ, *Surface area* (100 cm²) 100 mJ, *Volume* (100 cm³) 100 mJ, *Mass* (100 g

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

Unit Model No.	Cooling Capacity (Btu/h)	Dimensions (in.) H x W x D	Shipping Weight (lbs)	Supply Openings	Return Opening	Filter Sizes	Line Size Gas Liquid
TEMA6AC3H2H1SA	24000	46.75 x 18.5 x 21.3	126	16.5 x 12.15	16.75 x 18.75	0	3/4" 1/2"
TEMA6AC3H2H21SA	30000	46.75 x 18.5 x 21.3	126	16.5 x 12.15	16.75 x 18.75	0	3/4" 1/2"
TEMA6AC3H3H1SA	36000	51.27 x 23.5 x 21.3	155	21.5 x 12.15	21.75 x 19.75	0	1" 3/4" 1/2"
TEMA6AC3H4H1SA	42000	51.27 x 23.5 x 21.3	155	21.5 x 12.15	21.75 x 19.75	0	1" 3/4" 1/2"
TEMA6AC4H4H1SA	48000	55.75 x 23.5 x 21.3	181	21.5 x 12.15	21.75 x 19.75	0	1" 3/4" 1/2"
TEMA6AC4H4H1SA	48000	53.87 x 26.5 x 21.3	181	24.5 x 12.15	24.75 x 19.75	0	1" 3/4" 1/2"
TEMA6AC6H5H1SA	60000	55.75 x 23.5 x 21.3	181	21.5 x 12.15	21.75 x 19.75	0	1" 3/4" 1/2"
TEMA6AC6H5H1SA	60000	53.87 x 26.5 x 21.3	181	24.5 x 12.15	24.75 x 19.75	0	1" 3/4" 1/2"
TEMA6AC3H2H21SB	24000	46.75 x 18.5 x 21.3	126	16.5 x 12.15	16.75 x 19.75	0	3/4" 1/2"
TEMA6AC3H2H21SB	30000	46.75 x 18.5 x 21.3	126	16.5 x 12.15	16.75 x 19.75	0	3/4" 1/2"
TEMA6AC3H3H1SB	36000	51.27 x 23.5 x 21.3	155	21.5 x 12.15	21.75 x 19.75	0	1" 3/4" 1/2"
TEMA6AC4H4H1SB	42000	51.27 x 23.5 x 21.3	155	21.5 x 12.15	21.75 x 19.75	0	1" 3/4" 1/2"
TEMA6AC4H4H1SB	48000	55.75 x 23.5 x 21.3	181	21.5 x 12.15	21.75 x 19.75	0	1" 3/4" 1/2"
TEMA6AC4H4H1SB	48000	53.87 x 26.5 x 21.3	181	24.5 x 12.15	24.75 x 19.75	0	1" 3/4" 1/2"
TEMA6AC6H5H1SB	60000	55.75 x 23.5 x 21.3	181	21.5 x 12.15	21.75 x 19.75	0	1" 3/4" 1/2"
TEMA6AC6H5H1SB	60000	53.87 x 26.5 x 21.3	181	24.5 x 12.15	24.75 x 19.75	0	1" 3/4" 1/2"

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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 (Btu/h)	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Supply Opening	Return Opening	Filter Size	Line Size Gas Liquid
TEM4ACB18S21SA	18000	45.02 x 18.5 x 21.13	116	16.5 x 12.15	16.75 x 18.75	G1	¾" ¾"
TEM4ACB24S21SA	24000	45.02 x 18.5 x 21.13	116	16.5 x 12.15	16.75 x 18.75	G1	¾" ¾"
TEM4ACB30S31SA	30000	45.02 x 18.5 x 21.13	116	16.5 x 12.15	16.75 x 18.75	G1	¾" ¾"
TEM4ADC36S41SA	36000	51.27 x 23.5 x 21.13	145	21.5 x 12.15	21.75 x 18.75	G1	¾" ¾"
TEM4ADC42S41SA	42000	51.27 x 23.5 x 21.13	145	21.5 x 12.15	21.75 x 18.75	G1	¾" ¾"
TEM4ADC48S41SA	48000	51.27 x 23.5 x 21.13	145	21.5 x 12.15	21.75 x 18.75	G1	¾" ¾"
TEM4ADC60S51SA	60000	51.27 x 23.5 x 21.13	145	21.5 x 12.15	21.75 x 18.75	G1	¾" ¾"
TEM4ACB18S21SB	18000	45.02 x 18.5 x 21.13	116	16.5 x 12.15	16.75 x 18.75	G1	¾" ¾"
TEM4ACB24S21SB	24000	45.02 x 18.5 x 21.13	116	16.5 x 12.15	16.75 x 18.75	G1	¾" ¾"
TEM4ACB30S31SB	30000	45.02 x 18.5 x 21.13	116	16.5 x 12.15	16.75 x 18.75	G1	¾" ¾"
TEM4ACB36S41SB	36000	45.02 x 18.5 x 21.13	116	16.5 x 12.15	16.75 x 18.75	G1	¾" ¾"
TEM4ADC36S41SB	36000	51.27 x 23.5 x 21.13	145	21.5 x 12.15	21.75 x 18.75	G1	¾" ¾"
TEM4ADC42S41SB	42000	51.27 x 23.5 x 21.13	145	21.5 x 12.15	21.75 x 18.75	G1	¾" ¾"
TEM4ADC48S41SB	48000	51.27 x 23.5 x 21.13	145	21.5 x 12.15	21.75 x 18.75	G1	¾" ¾"
TEM4ADC60S51SB	60000	51.27 x 23.5 x 21.13	145	21.5 x 12.15	21.75 x 18.75	G1	¾" ¾"

(G) Filter not supplied. Thermostat filter required.

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

Unit Model No.	Cooling Capacity (Btu/h)	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Supply Opening	Return Opening	Filter Size	Line Size Gas Liquid
TEM3ACB18S21SA	18000	45.02 x 18.5 x 21.13	116	16.5 x 12.15	16.75 x 18.75	G1	¾" ¾"
TEM3ACB24S21SA	24000	45.02 x 18.5 x 21.13	116	16.5 x 12.15	16.75 x 18.75	G1	¾" ¾"
TEM3ACB30S31SA	30000	45.02 x 18.5 x 21.13	116	16.5 x 12.15	16.75 x 18.75	G1	¾" ¾"
TEM3ACB36S41SA	36000	45.02 x 18.5 x 21.13	116	16.5 x 12.15	16.75 x 18.75	G1	¾" ¾"
TEM3ADC42S41SA	42000	51.27 x 23.5 x 21.13	145	21.5 x 12.15	21.75 x 18.75	G1	¾" ¾"
TEM3ADC48S41SA	48000	51.27 x 23.5 x 21.13	145	21.5 x 12.15	21.75 x 18.75	G1	¾" ¾"
TEM3ADC60S51SA	60000	51.27 x 23.5 x 21.13	145	21.5 x 12.15	21.75 x 18.75	G1	¾" ¾"

(G) Filter not supplied. Thermostat filter required.



TEM Split System Air Handlers

Single Phase 1½-5 Tons

Table AH-16-A — Features

	TEM3 2-5	TEM6 2-5	TEM4 1 1/2-5	TEM5 1 1/2-5
• Painted metal cabinet with captured fat face insulation	✓	✓	✓	✓
• 2% or less air leakage	✓	✓	✓	✓
• AccuLink™ II or 24V operation	✓	✓	✓	✓
• Direct drive, variable speed ECM blower motor - Constant airflow ECM (electronically commutated)	✓	✓	✓	✓
• Direct drive, multi speed ECM power motor - Constant torque ECM (electronically commutated motor)	✓	✓	3/5-5 1/5-3	5 1/5-4
• PSC Motor	✓	✓	✓	✓
• R-4.2 Insulating Value	✓	✓	✓	✓
• Multi-Position UP/Down Flow*, Horizontal Left/Right	✓	✓	✓	✓
• ALL Aluminum Coil with Enhanced Patented Coil Fin	✓	✓	✓	✓
• Electric Heaters with polarized plug connections (sold as accessory)	✓	✓	✓	✓
• R-4.10A Thermal Expansion Valve	✓	✓	✓	✓
• Low Voltage Digital Connections	✓	✓	✓	✓
• Draw Through Design	✓	✓	✓	✓
• Horizontal Drain pan	✓	✓	✓	✓
• Single Color	✓	✓	✓	✓
• Fused 24V Power	✓	✓	✓	✓
• Wipeable interior 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	✓	✓	✓	✓
• 3-year base limited warranty	✓	✓	✓	✓
• 10-year registered limited warranty	✓	✓	✓	✓
• Optional extended warranty available	✓	✓	✓	✓

Table AH-16-B — Optional Accessories

Model Number	Description	Matches Cabinet Serial	TEM3	TEM6	TEM4	TEM5
BAYTEMSPFG1	Supply Duct Flange Kit	✓	✓	✓	✓	✓
BAYSPEKT201A	Single Point Power Entry Kit	✓	✓	✓	✓	✓
TAYBASE185	Air Handler Downflow Sub-Bases	18.5"	✓	✓	✓	✓
TAYBASE235 (TAYBASE100)	Air Handler Downflow Sub-Bases	23.5"	✓	✓	✓	✓
TAYBASE260 (TAYBASE102)	Air Handler Downflow Sub-Bases	26.5"	✓	✓	✓	✓
BAYTEMDFK1A	Downflow Condensate Management Kit	23.5" (3)	✓	✓	✓	✓
BAYHEMKN1001	Air Handler Eliminate Noise Kit used on Variable Speed Blower Motor	✓	✓	✓	✓	✓
TEMBRKSEALKT01A	TEM Breather Seal Kit	✓	✓	✓	✓	✓
BAYSF1185AAA	1" Slim Fit Filter Box Kit	18.5"	✓	✓	✓	✓
BAYSF1235AAA	1" Slim Fit Filter Box Kit	23.5"	✓	✓	✓	✓
BAYSF1265AAA	1" Slim Fit Filter Box Kit	26.5"	✓	✓	✓	✓
FLRSF1185	1" Slim Fit Replacement Filter, 17.75"x19.75", Qty 12	18.5"	✓	✓	✓	✓
FLRSF1235	1" Slim Fit Replacement Filter, 22.75"x19.75", Qty 12	23.5"	✓	✓	✓	✓
FLRSF1265	1" Slim Fit Replacement Filter, 25.75"x19.75", Qty 12	26.5"	✓	✓	✓	✓
BAYATXV2442A	R-22 TKV conversion kit	2-3/5	2-3/5	2-3/5	2-3/5	2-3/5
BAYATXV4860A	R-22 TKV conversion kit	4-5 (3)	4-5 (3)	4-5 (3)	4-5 (3)	4-5 (3)
BAYATXV1836B	R-22 TKV conversion kit	—	—	1/5-2/5	1/5-3	1/5-3
BAYATXV4248B	R-22 TKV conversion kit	—	—	3-4	3/5-4	3/5-4
BAYATXV6161B	R-22 TKV conversion kit	4-5 (3)	4-5 (3)	5	5	5

(3) Downflow condensate management kit is required for 5 ton downflow models.

(3) TEMBAC04R, TEMBAC08R, TEMBAC14R, TEMBAC20R

(3) TEMBAC04R, TEMBAC08R, TEMBAC14R, TEMBAC20R

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 BTUH	Capacity @ 208 Volts kW BTUH	Rated Voltage	Control Stages	Number of Heater Racks	Number of Circuits	Heater Amps per Circuit 208 Volts 240 Volts	Contains Circuit Breakers
BAYHTR1504BRKC	3.84 13100	2.88 9800	208/240/1/60	1	1	1	13.5 16	Yes
BAYHTR1504PDCA	3.84 13100	2.88 9800	208/240/1/60	1	1	1	13.5 16	No
BAYHTR1504LUGB	3.84 13100	2.88 9800	208/240/1/60	1	1	1	13.5 16	No
BAYHTR1505BRKC	4.80 16400	3.60 12300	208/240/1/60	1	1	1	17.3 20	Yes
BAYHTR1505PDCA	4.80 16400	3.60 12300	208/240/1/60	1	1	1	17.3 20	No
BAYHTR1505LUGB	4.80 16400	3.60 12300	208/240/1/60	1	1	1	17.3 20	No
BAYHTR1508BRKC	7.68 26200	5.76 19700	208/240/1/60	1	1	1	27.7 32	Yes
BAYHTR1508PDCA	7.68 26200	5.76 19700	208/240/1/60	1	1	1	27.7 32	No
BAYHTR1508LUGB	7.68 26200	5.76 19700	208/240/1/60	1	1	1	27.7 32	No
BAYHTR1510BRKC	9.60 32800	7.20 24600	208/240/1/60	1	2	1	34.6 40	Yes
BAYHTR1510PDCA	9.60 32800	7.20 24600	208/240/1/60	1	2	1	34.6 40	No
BAYHTR1510LUGB	9.60 32800	7.20 24600	208/240/1/60	1	2	1	34.6 40	No
BAYHTR1515BRKB	14.4 49200	10.8 36900	208/240/1/60	2	3	2	51.9 60	Yes
BAYHTR1515BRKA	14.4 49200	10.8 36900	208/240/1/60	2	3	2	51.9 60	Yes
BAYHTR1517BRKA	14.4 49200	10.8 36900	208/240/1/60	2	3	2	51.9 60	Yes
BAYHTR1519BRKB	19.2 65500	14.4 49200	208/240/1/60	2	4	2	69.2 80	Yes
BAYHTR1520BRKB	19.2 65500	14.4 49200	208/240/1/60	2	4	2	69.2 80	Yes
BAYHTR1521BRKB	19.2 65500	14.4 49200	208/240/1/60	2	4	2	69.2 80	Yes
BAYHTR1522BRKA	19.2 65500	14.4 49200	208/240/1/60	2	4	2	69.2 80	Yes
BAYHTR1523BRKA	19.2 65500	14.4 49200	208/240/1/60	2	4	2	69.2 80	Yes
BAYHTR1525BRKA	24.0 81900	18.0 61600	208/240/1/60	2	4	2	85.4 100	Yes

Table AH-17-B — BAYHTR35 — Heater, 3-Phase, for TEM Air Handlers (1)

Heater Model Number	Capacity @ 240 Volts kW BTUH	Capacity @ 208 Volts kW BTUH	Rated Voltage	Control Stages	Number of Heater Racks	Number of Circuits	Heater Amps per Circuit 208 Volts 240 Volts	Contains Circuit Breakers
BAYHTR3518LUGC	9.60 32800	7.20 24600	208/240/1/60	1	3	1	20.0 23.1	No
BAYHTR3515LUGC	14.4 49200	10.8 36900	208/240/1/60	1	3	1	30.0 34.6	No
BAYHTR3517LUGA	14.4 49200	10.8 36900	208/240/1/60	1	3	1	30.0 34.6	No

BRK = Contains circuit breakers

PDC = Full disconnect

LUG = Lug connection

(1) 3-Phase - W1 and W2 must be jumpered at line voltage connection

Heater Matches for TEM Split System Air Handlers

Table AH-18-A — TEM8 and TEM6 Air Handler and Heater matches

TEM8/TEM6 HEATER MATRIX										
AIR HANDLER	HEATER MODEL NUMBER									
MODEL NUMBER	BAVTR1824BRIC BAVTR1824LUGB 3.84 Kw	BAVTR1826BRIC BAVTR1826LUGB 4.80 Kw	BAVTR1828BRIC BAVTR1828LUGB 7.68 Kw	BAVTR1830BRIC BAVTR1830LUGB 9.60 Kw	BAVTR1836BRIC BAVTR1836LUGB 14.40 Kw	BAVTR1838BRIC BAVTR1838LUGB 19.20 Kw	BAVTR1838BRIC BAVTR1838LUGB 24.00 Kw	BAVTR1838LUGB 9.60 Kw	BAVTR1838LUGB 14.40 Kw	
TEM8A0824V21DA TEM8A0830V31DA TEM8A0824H21SA TEM8A0830H21SA	Y	Y	Y	Y	Y	Y	Y	Y	Y	
TEM8A0836V31DA TEM8A0824V41DA TEM8A0836H31SA TEM8A0824H41SA	Y	Y	Y	Y	Y	Y	Y	Y	Y	
TEM8A0840V41DA TEM8A0836V51DA TEM8A0840H41SA TEM8A0836H51SA	Y	Y	Y	Y	Y	Y	Y	Y	Y	
TEM8A0848V41DA TEM8A0836V51DA TEM8A0848H41SA TEM8A0836H51SA	Y	Y	Y	Y	Y	Y	Y	Y	Y	

Table AH-18-B — TEM5 and TEM4 Air Handler and Heater matches

AIR HANDLER	TEM5/TEM4 HEATER MATRIX					
	HEATER MODEL NUMBER					
	BAVTR1504BRKC BAVTR1504PDCB BAVTR1504LUGB 3.84 Kw BK	BAVTR1506BRKC BAVTR1506PDCB BAVTR1506LUGB 7.68 Kw BK	BAVTR1510BRKC BAVTR1510LUGB 14.40 Kw BK	BAVTR1516BRKC BAVTR1516LUGB 19.20 Kw BK	BAVTR1520BRKC BAVTR1520LUGB 24.00 Kw BK	BAVTR1521BRKC BAVTR1521LUGB 19.20 Kw BK
TEM5A0818S21SA TEM5A0818S21GA TEM5A0824S21SA TEM5A0824S21GA	Y	Y	Y	Y	Y	Y
TEM5A0830S31SA TEM5A0830S31GA TEM5A0836S31SA TEM5A0836S31GA	Y	Y	Y	Y	Y	Y
TEM5A0836S41SA TEM5A0824S41SA TEM5A0836S41SA TEM5A0824S41GA	Y	Y	Y	Y	Y	Y
TEM5A0840S41SA TEM5A0836S41SA TEM5A0840S41SA TEM5A0836S41GA	Y	Y	Y	Y	Y	Y
TEM5A0848S41SA TEM5A0836S41SA TEM5A0848S41SA TEM5A0836S41GA	Y	Y	Y	Y	Y	Y
TEM5A0848S51SA TEM5A0836S51SA TEM5A0848S51SA TEM5A0836S51GA	Y	Y	Y	Y	Y	Y

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

Table AH-15-A — TEM3 and TEM6 Air Handler and Heater matches

TEMPER HEATER MATCH									
AIR HANDLER	HEATER MODEL NUMBER								
MODEL NUMBER	BAYHTR1514BRC BAYHTR1514TCB 3.84 K.W	BAYHTR1516BRC BAYHTR1516TCB 4.80 K.W	BAYHTR1518BRC BAYHTR1518TCB 7.68 K.W	BAYHTR1519BRC BAYHTR1519TCB 9.60 K.W	BAYHTR1517BRKA 14.40 K.W	BAYHTR1518BRKA 19.20 K.W	BAYHTR1516BRKA 24.00 K.W	BAYHTR1511TCB 9.60 K.W	BAYHTR1511TCB 14.40 K.W
TEM3A0B34V31DW TEM3A0B30V31DW TEM3A0B34H21SB TEM3A0B30H21SB TEM3A0C36V31DB TEM3A0C42V41DB TEM3A0C36H31SB TEM3A0C42H41SB TEM3A0C48V41DB TEM3A0C60V51DB TEM3A0C48H41SB TEM3A0C60H51SB TEM3A0D48V41DB TEM3A0D60V51DB TEM3A0D48H41SB TEM3A0D60H51SB	 <								

Coming soon. All models pending UL testing

Table AH-15-B — TEM4 Air Handler and Heater matches

AIR HANDLER	TEMPER HEATER MATCH				
	HEATER MODEL NUMBER				
MODEL NUMBER	BAYHTR1504BRKC BAYHTR1504LUGB 3.34 kW BK BAYHTR1505BRKC BAYHTR1505LUGB 4.80 kW BK	BAYHTR1508BRKC BAYHTR1508LUGB 7.68 kW BK BAYHTR1510BRKC BAYHTR1510LUGB 9.60 kW BK	BAYHTR1517BRKA BAYHTR1517LUGA 14.40 kW BK	BAYHTR1520BRKA 19.20 kW BK	BAYHTR1525BRKA 24.00 kW BK
TEM4A0B18S21SB TEM4A0B24S21SB TEM4A0B30S31SB TEM4A0B36S31SB TEM4A0C37S31SB TEM4A0C42S41SB TEM4A0C48S41SB TEM4A0C60S51SB	Y Y Y Y Y Y Y Y	Y Y Y Y Y Y Y Y	Y Y Y Y Y Y Y Y	Y Y Y Y Y Y Y Y	Y Y Y Y Y Y Y Y

Coming soon. All models pending UL testing

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 (Btu/h)	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Supply Opening	Filter Size	Line Size Gas	Line Size Liquid
TMM4A0B24M21SA	24000	38.5 x 22.0 x 19.0	115	18.75 x 9.5	(0)	1/2	3/8
TMM5A0B30M21SA	30000	39.5 x 22.0 x 19.0	117	18.75 x 9.5	(0)	1/2	3/8
TMM5A0B36M31SA	36000	39.5 x 22.0 x 19.0	117	18.75 x 9.5	(0)	1/2	3/8

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 (Btu/h)	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Supply Opening	Filter Size	Line Size Gas	Line Size Liquid
TMM4A0A10S21SA	18000	36.5 x 20.5 x 15.0	99	17.25 x 9.5	(0)	1/2	3/8
TMM4A0A24S21SA	24000	36.5 x 20.5 x 15.0	99	17.25 x 9.5	(0)	1/2	3/8
TMM4A0B30S21SA	30000	38.5 x 22.0 x 19.0	121	18.75 x 9.5	(0)	1/2	3/8
TMM4A0B36S31SA	36000	39.5 x 22.0 x 19.0	121	18.75 x 9.5	(0)	1/2	3/8

(0) Filter not supplied. Heated filter required.

Table AH-20-C — Features

	TMM5 2-3	TMM4 1-1/2-3
Painted metal cabinet with captured full face insulation	✓	✓
2% or less air leakage	✓	✓
Direct drive, multi speed ECM blower motor - Constant torque ECM (electronically commutated motor) with on-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	✓	✓
Wipeable interior design	✓	✓
Maximum Height 39.5"	✓	✓
Maximum Width 22"	✓	✓
Compact 22" depth	✓	✓
Optional R-22 and R-410A TXV kits (sold as accessory)	✓	✓
3-year base limited warranty	✓	✓
10-year registered limited warranty	✓	✓
Optional extended warranty available	✓	✓

Table AH-20-D — Optional Accessories

Model	Number	Description	TMM5	TMM4
4R1TXVH5G2436A		R-410A TXV kit 1-1/2 to 3 ton	✓	✓
2R1TXVH5G2436A		R-22 TXV conversion kit 1-1/2 to 3 ton	✓	✓
BAYFRTL0UPNL20		Front lower panel 20.5" width	✓	✓
BAYFRTL0UPNL22		Front lower panel 22.0" width	✓	✓
BAYTMMWALLPNL1		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 @ 240 Volts kW	Capacity @ 240 Volts BTU/h	Capacity @ 208 Volts kW	Capacity @ 208 Volts BTU/h	Rated Voltage	Control Stages	Number of Heater Racks	Number of Circuits	Heater Amps per Circuit 208V/1PH	240V/1PH	Contains Circuit Breakers
BAYHTRM505BRK	5.0	17100	3.8	12800	208/240/1/60	1	1	1	18	20.9	Yes
BAYHTRM100BRK	7.5	25600	5.6	19200	208/240/1/60	1	1	1	27.1	31.2	Yes
BAYHTRM150BRK	10.0	34100	7.5	25600	208/240/1/60	1	2	1	36.1	41.7	Yes

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

Split System – Cased
Heat Pump and Cooling Coils4TXC-D8
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 (Btu/h)	Coil Type	Refrigerant Control	Outlet Dim. (in.) W/H x D	Overall Dim. (in.) H x W x D	Shipping Weight (lbs.)	Line Size OD Gas	Line Size OD Liq.
4TXCA002D53HCA	24,000	A	TXVNB(O)	12 $\frac{1}{2}$ x 19 $\frac{1}{2}$	17.5 x 14.5 x 21.5	42	$\frac{3}{8}$	$\frac{3}{8}$
4TXCB003D53HCA	30,000	A	TXVNB(O)	15 $\frac{1}{2}$ x 19 $\frac{1}{2}$	17.5 x 17.5 x 21.5	50	$\frac{3}{8}$	$\frac{3}{8}$
4TXCB004D53HCA	36,000	A	TXVNB(O)	15 $\frac{1}{2}$ x 19 $\frac{1}{2}$	22.5 x 17.5 x 21.5	58	$\frac{3}{8}$	$\frac{3}{8}$
4TXCC005D53HCA	36,000	A	TXVNB(O)	19 $\frac{1}{2}$ x 19 $\frac{1}{2}$	22.5 x 21 x 21.5	60	$\frac{3}{8}$	$\frac{3}{8}$
4TXCB006D53HCA	48,000	A	TXVNB(O)	15 $\frac{1}{2}$ x 19 $\frac{1}{2}$	26.9 x 17.5 x 21.5	65	$\frac{3}{8}$	$\frac{3}{8}$
4TXCC007D53HCA	48,000	A	TXVNB(O)	19 $\frac{1}{2}$ x 19 $\frac{1}{2}$	26.9 x 21 x 21.5	89	$\frac{3}{8}$	$\frac{3}{8}$
4TXCD008D53HCA	48,000	A	TXVNB(O)	22 $\frac{1}{2}$ x 19 $\frac{1}{2}$	26.9 x 24.5 x 21.5	72	$\frac{3}{8}$	$\frac{3}{8}$
4TXCC009D53HCA	60,000	A	TXVNB(O)	19 $\frac{1}{2}$ x 19 $\frac{1}{2}$	30.7 x 21 x 21.5	78	$\frac{3}{8}$	$\frac{3}{8}$
4TXCD010D53HCA	60,000	A	TXVNB(O)	22 $\frac{1}{2}$ x 19 $\frac{1}{2}$	30.7 x 24.5 x 21.5	81	$\frac{3}{8}$	$\frac{3}{8}$

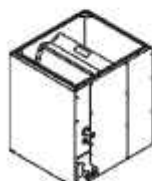
4PXC-U
Comfort™ Coil

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 (Btu/h)	Coil Type	Refrigerant Control	Outlet Dim. (in.) W/H x D	Overall Dim. (in.) H x W x D	Shipping Weight (lbs.)	Line Size OD Gas	Line Size OD Liq.
4PXCAL24BS3HAA	24,000	A	TXVNB(O)	12 $\frac{1}{2}$ x 19 $\frac{1}{2}$	17.5 x 14.5 x 21.5	39	$\frac{3}{8}$	$\frac{3}{8}$
4PXCBL24BS3HAA	24,000	A	TXVNB(O)	15 $\frac{1}{2}$ x 19 $\frac{1}{2}$	17.5 x 17.5 x 21.5	42	$\frac{3}{8}$	$\frac{3}{8}$
4PXCBL30BS3HAA	30,000	A	TXVNB(O)	15 $\frac{1}{2}$ x 19 $\frac{1}{2}$	17.5 x 17.5 x 21.5	47	$\frac{3}{8}$	$\frac{3}{8}$
4PXCBL36BS3HAA	30,000	A	TXVNB(O)	19 $\frac{1}{2}$ x 19 $\frac{1}{2}$	17.5 x 21 x 21.5	49	$\frac{3}{8}$	$\frac{3}{8}$
4PXCBL36BS3HAA	36,000	A	TXVNB(O)	15 $\frac{1}{2}$ x 19 $\frac{1}{2}$	22.5 x 17.5 x 21.5	54	$\frac{3}{8}$	$\frac{3}{8}$
4PXCBL36BS3HAA	36,000	A	TXVNB(O)	19 $\frac{1}{2}$ x 19 $\frac{1}{2}$	22.5 x 21 x 21.5	56	$\frac{3}{8}$	$\frac{3}{8}$
4PXCBL42BS3HAA	42,000	A	TXVNB(O)	15 $\frac{1}{2}$ x 19 $\frac{1}{2}$	26.9 x 17.5 x 21.5	61	$\frac{3}{8}$	$\frac{3}{8}$
4PXCBL42BS3HAA	42,000	A	TXVNB(O)	19 $\frac{1}{2}$ x 19 $\frac{1}{2}$	26.9 x 21 x 21.5	64	$\frac{3}{8}$	$\frac{3}{8}$
4PXCBL48BS3HAA	48,000	A	TXVNB(O)	15 $\frac{1}{2}$ x 19 $\frac{1}{2}$	26.9 x 17.5 x 21.5	61	$\frac{3}{8}$	$\frac{3}{8}$
4PXCBL48BS3HAA	48,000	A	TXVNB(O)	19 $\frac{1}{2}$ x 19 $\frac{1}{2}$	26.9 x 21 x 21.5	64	$\frac{3}{8}$	$\frac{3}{8}$
4PXCBL48BS3HAA	48,000	A	TXVNB(O)	22 $\frac{1}{2}$ x 19 $\frac{1}{2}$	26.9 x 24.5 x 21.5	68	$\frac{3}{8}$	$\frac{3}{8}$
4PXCBL60BS3HAA	60,000	A	TXVNB(O)	19 $\frac{1}{2}$ x 19 $\frac{1}{2}$	30.7 x 21 x 21.5	73	$\frac{3}{8}$	$\frac{3}{8}$
4PXCBL60BS3HAA	60,000	A	TXVNB(O)	22 $\frac{1}{2}$ x 19 $\frac{1}{2}$	30.7 x 24.5 x 21.5	77	$\frac{3}{8}$	$\frac{3}{8}$

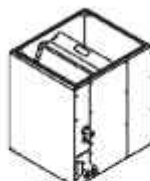
4PXC-D
Comfort™ Coil

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 (Btu/h)	Coil Type	Refrigerant Control	Outlet Dim. (in.) W/H x D	Overall Dim. (in.) H x W x D	Shipping Weight (lbs.)	Line Size OD Gas	Line Size OD Liq.
4PXCAD24BS3HDA	24,000	A	TXVNB(O)	12 $\frac{1}{2}$ x 19 $\frac{1}{2}$	17.5 x 14.5 x 21.5	39	$\frac{3}{8}$	$\frac{3}{8}$
4PXCBD24BS3HDA	24,000	A	TXVNB(O)	15 $\frac{1}{2}$ x 19 $\frac{1}{2}$	17.5 x 17.5 x 21.5	42	$\frac{3}{8}$	$\frac{3}{8}$
4PXCBD30BS3HDA	30,000	A	TXVNB(O)	15 $\frac{1}{2}$ x 19 $\frac{1}{2}$	17.5 x 17.5 x 21.5	47	$\frac{3}{8}$	$\frac{3}{8}$
4PXCBD30BS3HDA	30,000	A	TXVNB(O)	19 $\frac{1}{2}$ x 19 $\frac{1}{2}$	17.5 x 21 x 21.5	49	$\frac{3}{8}$	$\frac{3}{8}$
4PXCBD36BS3HDA	36,000	A	TXVNB(O)	15 $\frac{1}{2}$ x 19 $\frac{1}{2}$	22.5 x 17.5 x 21.5	54	$\frac{3}{8}$	$\frac{3}{8}$
4PXCBD36BS3HDA	36,000	A	TXVNB(O)	19 $\frac{1}{2}$ x 19 $\frac{1}{2}$	22.5 x 21 x 21.5	56	$\frac{3}{8}$	$\frac{3}{8}$
4PXCBD42BS3HDA	42,000	A	TXVNB(O)	15 $\frac{1}{2}$ x 19 $\frac{1}{2}$	26.9 x 17.5 x 21.5	61	$\frac{3}{8}$	$\frac{3}{8}$
4PXCBD42BS3HDA	42,000	A	TXVNB(O)	19 $\frac{1}{2}$ x 19 $\frac{1}{2}$	26.9 x 21 x 21.5	64	$\frac{3}{8}$	$\frac{3}{8}$
4PXCBD48BS3HDA	48,000	A	TXVNB(O)	15 $\frac{1}{2}$ x 19 $\frac{1}{2}$	26.9 x 17.5 x 21.5	61	$\frac{3}{8}$	$\frac{3}{8}$
4PXCBD48BS3HDA	48,000	A	TXVNB(O)	19 $\frac{1}{2}$ x 19 $\frac{1}{2}$	26.9 x 21 x 21.5	64	$\frac{3}{8}$	$\frac{3}{8}$
4PXCBD48BS3HDA	48,000	A	TXVNB(O)	22 $\frac{1}{2}$ x 19 $\frac{1}{2}$	26.9 x 24.5 x 21.5	68	$\frac{3}{8}$	$\frac{3}{8}$
4PXCBD60BS3HDA	60,000	A	TXVNB(O)	19 $\frac{1}{2}$ x 19 $\frac{1}{2}$	30.7 x 21 x 21.5	73	$\frac{3}{8}$	$\frac{3}{8}$
4PXCBD60BS3HDA	60,000	A	TXVNB(O)	22 $\frac{1}{2}$ x 19 $\frac{1}{2}$	30.7 x 24.5 x 21.5	77	$\frac{3}{8}$	$\frac{3}{8}$

(O) Start Kit may be required on outdoor unit.

4PXA-U
Comfort™ Coil

Split System – Cased Heat Pump and Cooling Coils

Table COIL-2-A — Aluminum Uncased Uplift Coil R-410A Refrigerant

Model Number	Nom. Cap. Cooling (Btu/h)	Coil Type	Refrigerant Control	Overall Dim. (in.) H x W x D	Shipping Weight (lbs.)	Line Size OD Gas	OD Liq.
4PXAUAJ24BS3HAA	24,000	A	TXVNB(O)	14.7 x 13.3 x 21.1	24	3/8	3/8
4PXAUBJ24BS3HAA	24,000	A	TXVNB(O)	14.3 x 16.3 x 21.1	24	3/8	3/8
4PXAUBJ30BS3HAA	30,000	A	TXVNB(O)	15.8 x 16.3 x 21.1	32	3/8	3/8
4PXAUCJ30BS3HAA	30,000	A	TXVNB(O)	15.8 x 19.8 x 21.1	32	3/8	3/8
4PXAUBJ36BS3HAA	36,000	A	TXVNB(O)	21.2 x 16.3 x 21.1	33	3/8	3/8
4PXAUCJ36BS3HAA	36,000	A	TXVNB(O)	20.8 x 19.8 x 21.1	32	3/8	3/8
4PXAUBJ42BS3HAA	42,000	A	TXVNB(O)	23.8 x 16.3 x 21.1	33	3/8	3/8
4PXAUCJ42BS3HAA	42,000	A	TXVNB(O)	23.7 x 19.8 x 21.1	38	3/8	3/8
4PXAUBJ48BS3HAA	48,000	A	TXVNB(O)	25.3 x 16.3 x 21.1	36	3/8	3/8
4PXAUCJ48BS3HAA	48,000	A	TXVNB(O)	24.9 x 19.8 x 21.1	38	3/8	3/8
4PXAUBJ48BS3HAA	48,000	A	TXVNB(O)	24.5 x 23.3 x 21.1	39	3/8	3/8
4PXAUCJ60BS3HAA	60,000	A	TXVNB(O)	29.2 x 19.8 x 21.1	44	3/8	3/8
4PXAUCJ60BS3HAA	60,000	A	TXVNB(O)	28.5 x 23.3 x 21.1	48	3/8	3/8

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.)
BAYCLE14A1422A	PXAUAJ24BS	14 1/2" Wide Furnace	22 1/2 x 14 1/2 x 21 1/2	12
BAYCLE17A1722A	4PXAUBJ24BS, 4PXAUBJ30BS 4PXAUBJ36BS, 4PXAUBJ42BS 4PXAUBJ48BS	17 1/2" Wide Furnace	22 1/2 x 17 1/2 x 21 1/2	14
BAYCLE21A2130A	4PXAUCJ30BS, 4PXAUCJ36BS 4PXAUCJ42BS, 4PXAUCJ48BS 4PXAUCJ60BS	21" Wide Furnace	30 x 21 x 21 1/2	18
BAYCLE24A2430A	4PXAUCJ48BS, 4PXAUCJ60BS	24 1/2" Wide Furnace	30 x 24 1/2 x 21 1/2	22

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 (Btu/h)	Coil Type	Refrigerant Control	Outlet Dim. (in.) H x D	Overall Dim. (in.) H x W x D	Shipping Weight (lbs.)	Line Size OD Gas	OD Liq.
4TXFH024CZ3HHB	24,000	Flat	TXVNB(O)	2 1/2 x 3 1/4	22.7 x 10.2 x 37.5	46	3/8	3/8
4TXFH032CZ3HHB	34,000	Flat	TXVNB(O)	2 1/2 x 24	22.7 x 10.2 x 37.5	49	3/8	3/8
4TXFH036CZ3HHB	36,000	Flat	TXVNB(O)	2 1/2 x 3 1/4	22.7 x 10.2 x 37.5	53	3/8	3/8
4TXFH041CZ3HHB	44,000	Flat	TXVNB(O)	2 1/2 x 3 1/4	22.7 x 10.2 x 37.5	57	3/8	3/8
4TXFH044CZ3HHB	50,000	Flat	TXVNB(O)	2 1/2 x 3 1/4	22.7 x 10.2 x 37.5	55	3/8	3/8
4TXFH064AZ3HHB	61,000	Flat	TXVNB(O)	2 7/8 x 3 1/4	28.5 x 10.2 x 37.5	68	7/8	3/8

(1) Steel Nut may be required on outdoor unit.

Split System – Uncased Heat Pump and Cooling Coils

Table COIL-3-A — Features - Enhanced Fin Models

	4TXC-D8	4PXC-U	4PXC-D	4PXA-U	4TXF
• All aluminum coil	✓	✓	✓	✓	✓
• Enhanced Fin Surface	✓	✓	✓	✓	✓
• 100% foil lined 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-Direction airflow	✓	✓	✓	✓	✓
• Double sloped non-corrosive drain pan - UL rated 400°F	✓	✓	✓	✓	✓
• 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)**	✓	✓	✓	✓	✓

*Start kit may be required on outdoor unit.

**Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at americanstandard.com or by phone at 800-554-8005, otherwise American Standard Heating & Air Conditioning's base Limited Warranty would not apply. Base Limited Warranty information on specific products can be found on ASDirectNet.com.

Table COIL-3-B — Kits for 4PXC Coils

Horizontal Conversion Kit No.	Used with Model Number
BAYCONV18A	4PXC4U24, 4PXC4U30, 4PXC4U36, 4PXC4U42, 4PXC4U48, 4PXC4U54, 4PXC4U60, 4PXC4U66, 4PXC4U72, 4PXC4U78, 4PXC4U84, 4PXC4U90, 4PXC4U96, 4PXC4U102, 4PXC4U108, 4PXC4U114, 4PXC4U120, 4PXC4U126, 4PXC4U132, 4PXC4U138, 4PXC4U144, 4PXC4U150, 4PXC4U156, 4PXC4U162, 4PXC4U168, 4PXC4U174, 4PXC4U180, 4PXC4U186, 4PXC4U192, 4PXC4U198, 4PXC4U204, 4PXC4U210, 4PXC4U216, 4PXC4U222, 4PXC4U228, 4PXC4U234, 4PXC4U240, 4PXC4U246, 4PXC4U252, 4PXC4U258, 4PXC4U264, 4PXC4U270, 4PXC4U276, 4PXC4U282, 4PXC4U288, 4PXC4U294, 4PXC4U300, 4PXC4U306, 4PXC4U312, 4PXC4U318, 4PXC4U324, 4PXC4U330, 4PXC4U336, 4PXC4U342, 4PXC4U348, 4PXC4U354, 4PXC4U360, 4PXC4U366, 4PXC4U372, 4PXC4U378, 4PXC4U384, 4PXC4U390, 4PXC4U396, 4PXC4U402, 4PXC4U408, 4PXC4U414, 4PXC4U420, 4PXC4U426, 4PXC4U432, 4PXC4U438, 4PXC4U444, 4PXC4U450, 4PXC4U456, 4PXC4U462, 4PXC4U468, 4PXC4U474, 4PXC4U480, 4PXC4U486, 4PXC4U492, 4PXC4U498, 4PXC4U504, 4PXC4U510, 4PXC4U516, 4PXC4U522, 4PXC4U528, 4PXC4U534, 4PXC4U540, 4PXC4U546, 4PXC4U552, 4PXC4U558, 4PXC4U564, 4PXC4U570, 4PXC4U576, 4PXC4U582, 4PXC4U588, 4PXC4U594, 4PXC4U600, 4PXC4U606, 4PXC4U612, 4PXC4U618, 4PXC4U624, 4PXC4U630, 4PXC4U636, 4PXC4U642, 4PXC4U648, 4PXC4U654, 4PXC4U660, 4PXC4U666, 4PXC4U672, 4PXC4U678, 4PXC4U684, 4PXC4U690, 4PXC4U696, 4PXC4U702, 4PXC4U708, 4PXC4U714, 4PXC4U720, 4PXC4U726, 4PXC4U732, 4PXC4U738, 4PXC4U744, 4PXC4U750, 4PXC4U756, 4PXC4U762, 4PXC4U768, 4PXC4U774, 4PXC4U780, 4PXC4U786, 4PXC4U792, 4PXC4U798, 4PXC4U804, 4PXC4U810, 4PXC4U816, 4PXC4U822, 4PXC4U828, 4PXC4U834, 4PXC4U840, 4PXC4U846, 4PXC4U852, 4PXC4U858, 4PXC4U864, 4PXC4U870, 4PXC4U876, 4PXC4U882, 4PXC4U888, 4PXC4U894, 4PXC4U900, 4PXC4U906, 4PXC4U912, 4PXC4U918, 4PXC4U924, 4PXC4U930, 4PXC4U936, 4PXC4U942, 4PXC4U948, 4PXC4U954, 4PXC4U960, 4PXC4U966, 4PXC4U972, 4PXC4U978, 4PXC4U984, 4PXC4U990, 4PXC4U996, 4PXC4U1002, 4PXC4U1008, 4PXC4U1014, 4PXC4U1020, 4PXC4U1026, 4PXC4U1032, 4PXC4U1038, 4PXC4U1044, 4PXC4U1050, 4PXC4U1056, 4PXC4U1062, 4PXC4U1068, 4PXC4U1074, 4PXC4U1080, 4PXC4U1086, 4PXC4U1092, 4PXC4U1098, 4PXC4U1104, 4PXC4U1110, 4PXC4U1116, 4PXC4U1122, 4PXC4U1128, 4PXC4U1134, 4PXC4U1140, 4PXC4U1146, 4PXC4U1152, 4PXC4U1158, 4PXC4U1164, 4PXC4U1170, 4PXC4U1176, 4PXC4U1182, 4PXC4U1188, 4PXC4U1194, 4PXC4U1200, 4PXC4U1206, 4PXC4U1212, 4PXC4U1218, 4PXC4U1224, 4PXC4U1230, 4PXC4U1236, 4PXC4U1242, 4PXC4U1248, 4PXC4U1254, 4PXC4U1260, 4PXC4U1266, 4PXC4U1272, 4PXC4U1278, 4PXC4U1284, 4PXC4U1290, 4PXC4U1296, 4PXC4U1302, 4PXC4U1308, 4PXC4U1314, 4PXC4U1320, 4PXC4U1326, 4PXC4U1332, 4PXC4U1338, 4PXC4U1344, 4PXC4U1350, 4PXC4U1356, 4PXC4U1362, 4PXC4U1368, 4PXC4U1374, 4PXC4U1380, 4PXC4U1386, 4PXC4U1392, 4PXC4U1398, 4PXC4U1404, 4PXC4U1410, 4PXC4U1416, 4PXC4U1422, 4PXC4U1428, 4PXC4U1434, 4PXC4U1440, 4PXC4U1446, 4PXC4U1452, 4PXC4U1458, 4PXC4U1464, 4PXC4U1470, 4PXC4U1476, 4PXC4U1482, 4PXC4U1488, 4PXC4U1494, 4PXC4U1500, 4PXC4U1506, 4PXC4U1512, 4PXC4U1518, 4PXC4U1524, 4PXC4U1530, 4PXC4U1536, 4PXC4U1542, 4PXC4U1548, 4PXC4U1554, 4PXC4U1560, 4PXC4U1566, 4PXC4U1572, 4PXC4U1578, 4PXC4U1584, 4PXC4U1590, 4PXC4U1596, 4PXC4U1602, 4PXC4U1608, 4PXC4U1614, 4PXC4U1620, 4PXC4U1626, 4PXC4U1632, 4PXC4U1638, 4PXC4U1644, 4PXC4U1650, 4PXC4U1656, 4PXC4U1662, 4PXC4U1668, 4PXC4U1674, 4PXC4U1680, 4PXC4U1686, 4PXC4U1692, 4PXC4U1698, 4PXC4U1704, 4PXC4U1710, 4PXC4U1716, 4PXC4U1722, 4PXC4U1728, 4PXC4U1734, 4PXC4U1740, 4PXC4U1746, 4PXC4U1752, 4PXC4U1758, 4PXC4U1764, 4PXC4U1770, 4PXC4U1776, 4PXC4U1782, 4PXC4U1788, 4PXC4U1794, 4PXC4U1800, 4PXC4U1806, 4PXC4U1812, 4PXC4U1818, 4PXC4U1824, 4PXC4U1830, 4PXC4U1836, 4PXC4U1842, 4PXC4U1848, 4PXC4U1854, 4PXC4U1860, 4PXC4U1866, 4PXC4U1872, 4PXC4U1878, 4PXC4U1884, 4PXC4U1890, 4PXC4U1896, 4PXC4U1902, 4PXC4U1908, 4PXC4U1914, 4PXC4U1920, 4PXC4U1926, 4PXC4U1932, 4PXC4U1938, 4PXC4U1944, 4PXC4U1950, 4PXC4U1956, 4PXC4U1962, 4PXC4U1968, 4PXC4U1974, 4PXC4U1980, 4PXC4U1986, 4PXC4U1992, 4PXC4U1998, 4PXC4U2004, 4PXC4U2010, 4PXC4U2016, 4PXC4U2022, 4PXC4U2028, 4PXC4U2034, 4PXC4U2040, 4PXC4U2046, 4PXC4U2052, 4PXC4U2058, 4PXC4U2064, 4PXC4U2070, 4PXC4U2076, 4PXC4U2082, 4PXC4U2088, 4PXC4U2094, 4PXC4U2100, 4PXC4U2106, 4PXC4U2112, 4PXC4U2118, 4PXC4U2124, 4PXC4U2130, 4PXC4U2136, 4PXC4U2142, 4PXC4U2148, 4PXC4U2154, 4PXC4U2160, 4PXC4U2166, 4PXC4U2172, 4PXC4U2178, 4PXC4U2184, 4PXC4U2190, 4PXC4U2196, 4PXC4U2202, 4PXC4U2208, 4PXC4U2214, 4PXC4U2220, 4PXC4U2226, 4PXC4U2232, 4PXC4U2238, 4PXC4U2244, 4PXC4U2250, 4PXC4U2256, 4PXC4U2262, 4PXC4U2268, 4PXC4U2274, 4PXC4U2280, 4PXC4U2286, 4PXC4U2292, 4PXC4U2298, 4PXC4U2304, 4PXC4U2310, 4PXC4U2316, 4PXC4U2322, 4PXC4U2328, 4PXC4U2334, 4PXC4U2340, 4PXC4U2346, 4PXC4U2352, 4PXC4U2358, 4PXC4U2364, 4PXC4U2370, 4PXC4U2376, 4PXC4U2382, 4PXC4U2388, 4PXC4U2394, 4PXC4U2400, 4PXC4U2406, 4PXC4U2412, 4PXC4U2418, 4PXC4U2424, 4PXC4U2430, 4PXC4U2436, 4PXC4U2442, 4PXC4U2448, 4PXC4U2454, 4PXC4U2460, 4PXC4U2466, 4PXC4U2472, 4PXC4U2478, 4PXC4U2484, 4PXC4U2490, 4PXC4U2496, 4PXC4U2502, 4PXC4U2508, 4PXC4U2514, 4PXC4U2520, 4PXC4U2526, 4PXC4U2532, 4PXC4U2538, 4PXC4U2544, 4PXC4U2550, 4PXC4U2556, 4PXC4U2562, 4PXC4U2568, 4PXC4U2574, 4PXC4U2580, 4PXC4U2586, 4PXC4U2592, 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4PXC4U3096, 4PXC4U3102, 4PXC4U3108, 4PXC4U3114, 4PXC4U3120, 4PXC4U3126, 4PXC4U3132, 4PXC4U3138, 4PXC4U3144, 4PXC4U3150, 4PXC4U3156, 4PXC4U3162, 4PXC4U3168, 4PXC4U3174, 4PXC4U3180, 4PXC4U3186, 4PXC4U3192, 4PXC4U3198, 4PXC4U3204, 4PXC4U3210, 4PXC4U3216, 4PXC4U3222, 4PXC4U3228, 4PXC4U3234, 4PXC4U3240, 4PXC4U3246, 4PXC4U3252, 4PXC4U3258, 4PXC4U3264, 4PXC4U3270, 4PXC4U3276, 4PXC4U3282, 4PXC4U3288, 4PXC4U3294, 4PXC4U3300, 4PXC4U3306, 4PXC4U3312, 4PXC4U3318, 4PXC4U3324, 4PXC4U3330, 4PXC4U3336, 4PXC4U3342, 4PXC4U3348, 4PXC4U3354, 4PXC4U3360, 4PXC4U3366, 4PXC4U3372, 4PXC4U3378, 4PXC4U3384, 4PXC4U3390, 4PXC4U3396, 4PXC4U3402, 4PXC4U3408, 4PXC4U3414, 4PXC4U3420, 4PXC4U3426, 4PXC4U3432, 4PXC4U3438, 4PXC4U3444, 4PXC4U3450, 4PXC4U3456, 4PXC4U3462, 4PXC4U3468, 4PXC4U3474, 4PXC4U3480, 4PXC4U3486, 4PXC4U3492, 4PXC4U3498, 4PXC4U3504, 4PXC4U3510, 4PXC4U3516, 4PXC4U3522, 4PXC4U3528, 4PXC4U3534, 4PXC4U3540, 4PXC4U3546, 4PXC4U3552, 4PXC4U3558, 4PXC4U3564, 4PXC4U3570, 4PXC4U3576, 4PXC4U3582, 4PXC4U3588, 4PXC4U3594, 4PXC4U3600, 4PXC4U3606, 4PXC4U3612, 4PXC4U3618, 4PXC4U3624, 4PXC4U3630, 4PXC4U3636, 4PXC4U3642, 4PXC4U3648, 4PXC4U3654, 4PXC4U3660, 4PXC4U3666, 4PXC4U3672, 4PXC4U3678, 4PXC4U3684, 4PXC4U3690, 4PXC4U3696, 4PXC4U3702, 4PXC4U3708, 4PXC4U3714, 4PXC4U3720, 4PXC4U3726, 4PXC4U3732, 4PXC4U3738, 4PXC4U3744, 4PXC4U3750, 4PXC4U3756, 4PXC4U3762, 4PXC4U3768, 4PXC4U3774, 4PXC4U3780, 4PXC4U3786, 4PXC4U3792, 4PXC4U3798, 4PXC4U3804, 4PXC4U3810, 4PXC4U3816, 4PXC4U3822, 4PXC4U3828, 4PXC4U3834, 4PXC4U3840, 4PXC4U3846, 4PXC4U3852, 4PXC4U3858, 4PXC4U3864, 4PXC4U3870, 4PXC4U3876, 4PXC4U3882, 4PXC4U3888, 4PXC4U3894, 4PXC4U3900, 4PXC4U3906, 4PXC4U3912, 4PXC4U3918, 4PXC4U3924, 4PXC4U3930, 4PXC4U3936, 4PXC4U3942, 4PXC4U3948, 4PXC4U3954, 4PXC4U3960, 4PXC4U3966, 4PXC4U3972, 4PXC4U3978, 4PXC4U3984, 4PXC4U3990, 4PXC4U3996, 4PXC4U4002, 4PXC4U4008, 4PXC4U4014, 4PXC4U4020, 4PXC4U4026, 4PXC4U4032, 4PXC4U4038, 4PXC4U4044, 4PXC4U4050, 4PXC4U4056, 4PXC4U4062, 4PXC4U4068, 4PXC4U4074, 4PXC4U4080, 4PXC4U4086, 4PXC4U4092, 4PXC4U4098, 4PXC4U4104, 4PXC4U4110, 4PXC4U4116, 4PXC4U4122, 4PXC4U4128, 4PXC4U4134, 4PXC4U4140, 4PXC4U4146, 4PXC4U4152, 4PXC4U4158, 4PXC4U4164, 4PXC4U4170, 4PXC4U4176, 4PXC4U4182, 4PXC4U4188, 4PXC4U4194, 4PXC4U4200, 4PXC4U4206, 4PXC4U4212, 4PXC4U4218, 4PXC4U4224, 4PXC4U4230, 4PXC4U4236, 4PXC4U4242, 4PXC4U4248, 4PXC4U4254, 4PXC4U4260, 4PXC4U4266, 4PXC4U4272, 4PXC4U4278, 4PXC4U4284, 4PXC4U4290, 4PXC4U4296, 4PXC4U4302, 4PXC4U4308, 4PXC4U4314, 4PXC4U4320, 4PXC4U4326, 4PXC4U4332, 4PXC4U4338, 4PXC4U4344, 4PXC4U4350, 4PXC4U4356, 4PXC4U4362, 4PXC4U4368, 4PXC4U4374, 4PXC4U4380, 4PXC4U4386, 4PXC4U4392, 4PXC4U4398, 4PXC4U4404, 4PXC4U4410, 4PXC4U4416, 4PXC4U4422, 4PXC4U4428, 4PXC4U4434, 4PXC4U4440, 4PXC4U4446, 4PXC4U4452, 4PXC4U4458, 4PXC4U4464, 4PXC4U4470, 4PXC4U4476, 4PXC4U4482, 4PXC4U4488, 4PXC4U4494, 4PXC4U4500, 4PXC4U4506, 4PXC4U4512, 4PXC4U4518, 4PXC4U4524, 4PXC4U4530, 4PXC4U4536, 4PXC4U4542, 4PXC4U4548, 4PXC4U4554, 4PXC4U4560, 4PXC4U4566, 4PXC4U4572, 4PXC4U4578, 4PXC4U4584, 4PXC4U4590, 4PXC4U4596, 4PXC4U4602, 4PXC4U4608, 4PXC4U4614, 4PXC4U4620, 4PXC4U4626, 4PXC4U4632, 4PXC4U4638, 4PXC4U4644, 4PXC4U4650, 4PXC4U4656, 4PXC4U4662, 4PXC4U4668, 4PXC4U4674, 4PXC4U4680, 4PXC4U4686, 4PXC4U4692, 4PXC4U4698, 4PXC4U4704, 4PXC4U4710, 4PXC4U4716, 4PXC4U4722, 4PXC4U4728, 4PXC4U4734, 4PXC4U4740, 4PXC4U4746, 4PXC4U4752, 4PXC4U4758, 4PXC4U4764, 4PXC4U4770, 4PXC4U4776, 4PXC4U4782, 4PXC4U4788, 4PXC4U4794, 4PXC4U4800, 4PXC4U4806, 4PXC4U4812, 4PXC4U4818, 4PXC4U4824, 4PXC4U4830, 4PXC4U4836, 4PXC4U4842, 4PXC4U4848, 4PXC4U4854, 4PXC4U4860, 4PXC4U4866, 4PXC4U4872, 4PXC4U4878, 4PXC4U4884, 4PXC4U4890, 4PXC4U4896, 4PXC4U4902, 4PXC4U4908, 4PXC4U4914, 4PXC4U4920, 4PXC4U4926, 4PXC4U4932, 4PXC4U4938, 4PXC4U4944, 4PXC4U4950, 4PXC4U4956, 4PXC4U4962, 4PXC4U4968, 4PXC4U4974, 4PXC4U4980, 4PXC4U4986, 4PXC4U4992, 4PXC4U4998, 4PXC4U5004, 4PXC4U5010, 4PXC4U5016, 4PXC4U5022, 4PXC4U5028, 4PXC4U5034, 4PXC4U5040, 4PXC4U5046, 4PXC4U5052, 4PXC4U5058, 4PXC4U5064, 4PXC4U5070, 4PXC4U5076, 4PXC4U5082, 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4PXC4U5586, 4PXC4U5592, 4PXC4U5598, 4PXC4U5604, 4PXC4U5610, 4PXC4U5616, 4PXC4U5622, 4PXC4U5628, 4PXC4U5634, 4PXC4U5640, 4PXC4U5646, 4PXC4U5652, 4PXC4U5658, 4PXC4U5664, 4PXC4U5670, 4PXC4U5676, 4PXC4U5682, 4PXC4U5688, 4PXC4U5694, 4PXC4U5700, 4PXC4U5706, 4PXC4U5712, 4PXC4U5718, 4PXC4U5724, 4PXC4U5730, 4PXC4U5736, 4PXC4U5742, 4PXC4U5748, 4PXC4U5754, 4PXC4U5760, 4PXC4U5766, 4PXC4U5772, 4PXC4U5778, 4PXC4U5784, 4PXC4U5790, 4PXC4U5796, 4PXC4U5802, 4PXC4U5808, 4PXC4U5814, 4PXC4U5820, 4PXC4U5826, 4PXC4U5832, 4PXC4U5838, 4PXC4U5844, 4PXC4U5850, 4PXC4U5856, 4PXC4U5862, 4PXC4U5868, 4PXC4U5874, 4PXC4U5880, 4PXC4U5886, 4PXC4U5892, 4PXC4U5898, 4PXC4U5904, 4PXC4U5910, 4PXC4U5916, 4PXC4U5922, 4PXC4U5928, 4PXC4U5934, 4PXC4U5940, 4PXC4U5946, 4PXC4U5952, 4PXC4U5958, 4PXC4U5964, 4PXC4U5970, 4PXC4U5976, 4PXC4U5982, 4PXC4U5988, 4PXC4U5994, 4PXC4U6000, 4PXC4U6006, 4PXC4U6012, 4PXC4U6018, 4PXC4U6024, 4PXC4U6030, 4PXC4U6036, 4PXC4U604

Split System – Cased
Heat Pump and Cooling CoilsTable COIL-4-A — Aluminum Single Stage Cased Coil (Upflow/Downflow/Horizontal)
R-410A Refrigerant

Model Number	Nom. Cooling Capacity Range (Btu/h)	Coil Type	Refrigerant Control	Outlet Dia. (in.) W x D	Overall Dia. (in.) H x W x D	Shipping Weight (lbs.)	Line Size OD Gas	Line Size OD Liq.
4MXCA001AC6HCA	18,000-30,000	A	FCCV(0)	13 x 19	20 x 14.5 x 21	51	3/4"	3/4"
4MXCB002AC6HCA	18,000-30,000	A	FCCV(0)	16 x 19	20 x 17.5 x 21	55	3/4"	3/4"
4MXCA003AC6HCA	24,000-36,000	A	FCCV(0)	13 x 19	20 x 14.5 x 21	51	3/4"	3/4"
4MXCB004AC6HCA	24,000-36,000	A	FCCV(0)	16 x 19	20 x 17.5 x 21	55	3/4"	3/4"
4MXCD005AC6HCA	30,000-36,000	A	FCCV(0)	19 1/2 x 19	20 x 21 x 21	59	3/4"	3/4"
4MXCB006AC6HCA	36,000-48,000	A	FCCV(0)	16 x 19	26 x 17.5 x 21	66	3/4"	3/4"
4MXCD007AC6HCA	36,000-48,000	A	FCCV(0)	19 1/2 x 19	26 x 21 x 21	70	3/4"	3/4"
4MXCD008AC6HCA	42,000-48,000	A	FCCV(0)	23 x 19	26 x 24.5 x 21	74	3/4"	3/4"
4MXCD009AC6HCA	42,000-60,000	A	FCCV(0)	19 1/2 x 19	30 x 21 x 21	81	3/4"	3/4"
4MXCB010AC6HCA	48,000-60,000	A	FCCV(0)	23 x 19	30 x 24.5 x 21	95	3/4"	3/4"
4MXCB016AC6HCA(0)	36,000-48,000	A	FCCV(0)	16 x 19	30 x 17.5 x 21	82	3/4"	3/4"
4MXCD017AC6HCA(0)	36,000-48,000	A	FCCV(0)	19 1/2 x 19	30 x 21 x 21	88	3/4"	3/4"
4MXCD018AC6HCA(0)	42,000-48,000	A	FCCV(0)	23 x 19	30 x 24.5 x 21	92	3/4"	3/4"

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

Model Number	Nom. Cooling Capacity Range (Btu/h)	Coil Type	Refrigerant Control	Outlet Dia. (in.) W x D	Overall Dia. (in.) H x W x D	Shipping Weight (lbs.)	Line Size OD Gas	Line Size OD Liq.
4GXCAB01AC6HUA	18,000-30,000	A	FCCV(0)	13 x 19	20 x 14.5 x 21	47	3/4"	3/4"
4GXCB002AC6HUA	18,000-30,000	A	FCCV(0)	16 x 19	20 x 17.5 x 21	50	3/4"	3/4"
4GXCA003AC6HUA	24,000-36,000	A	FCCV(0)	13 x 19	20 x 14.5 x 21	47	3/4"	3/4"
4GXCB004AC6HUA	24,000-36,000	A	FCCV(0)	16 x 19	20 x 17.5 x 21	50	3/4"	3/4"
4GXCD005AC6HUA	30,000-36,000	A	FCCV(0)	19 1/2 x 19	20 x 21 x 21	55	3/4"	3/4"
4GXCB006AC6HUA	36,000-48,000	A	FCCV(0)	16 x 19	26 x 17.5 x 21	61	3/4"	3/4"
4GXCD007AC6HUA	36,000-48,000	A	FCCV(0)	19 1/2 x 19	26 x 21 x 21	65	3/4"	3/4"
4GXCD008AC6HUA	42,000-48,000	A	FCCV(0)	23 x 19	26 x 24.5 x 21	68	3/4"	3/4"
4GXCD009AC6HUA	42,000-60,000	A	FCCV(0)	19 1/2 x 19	30 x 21 x 21	85	3/4"	3/4"
4GXCD010AC6HUA	48,000-60,000	A	FCCV(0)	23 x 19	30 x 24.5 x 21	89	3/4"	3/4"
4GXCB016AC6HUA(0)	36,000-48,000	A	FCCV(0)	16 x 19	30 x 17.5 x 21	76	3/4"	3/4"
4GXCD017AC6HUA(0)	36,000-48,000	A	FCCV(0)	19 1/2 x 19	30 x 21 x 21	81	3/4"	3/4"
4GXCD018AC6HUA(0)	42,000-48,000	A	FCCV(0)	23 x 19	30 x 24.5 x 21	85	3/4"	3/4"

(0) All coils shipped with a Frost-Minimizing Device (FMD) Check Valve – FCCV. Some retail combinations require a FMD kit, ordered separately. See the coil installer's Guide for Online and TXV matches.

(0) End-use applications for Unit-in-Heating.

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 (0)	✓	✓
• 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	✓	✓
• 3-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 when you register within 90 days of installation. You can register online at americanstandard.com or by phone at 800-554-5100; otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASDdealerinfo.com.

(0) Reference AHRI ratings to find correct TXV kit or 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	4AYTXVH3G2436A	2AYTXVH3G2436A
3.5-4.0	4AYTXVH3G4248A	2AYTXVH3G4248A
5	4AYTXVH3G6000A	2AYTXVH3G6000A

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	MAYORIAHP0052B	0.052	MAYORIAHP0052B
2	0.058	MAYORIAHP0058B	0.058	MAYORIAHP0058B
2.5*	0.063 / 0.065	MAYORIAHP0063B / 065A	0.065	MAYORIAHP0065A
3	0.070	MAYORIAHP0070B	0.072	MAYORIAHP0072B
3.5	0.075	MAYORIAHP0075B	0.078	MAYORIAHP0078B
4	0.083	MAYORIAHP0083B	0.086	MAYORIAHP0086B
5	0.090	MAYORIAHP0090B	0.096	MAYORIAHP0096B

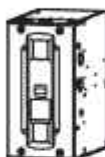
Note: Orifice size needed for system combination may not be pre-installed. See Table 1 in coil Installation Manual for pre-installed sizes.

* Necessary Orifice sizes varies for this tonnage. See Table 3 in coil Installation Manual.

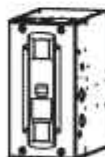
S9V2-VS - Two Stage ECM Variable Speed

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 (120V/160V)⁽¹⁾

Unit Model No.	Airflow In Tons	Output (Btu/h) Stage 2	Stage 1	ICP/AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max. Fuse ^a	Filter Size ^b
S9V2B040U3VSA	3	39,141	25,639	97.0%	2, 3, 4	GD	34 x 17 1/2 x 28 1/2	122	15	16 x 25 x 1
S9V2B060U3VSA	3	57,838	38,271	97.0%	2, 3, 4	GD	34 x 17 1/2 x 28 1/2	127	15	16 x 25 x 1
S9V2B080U3VSA	3	77,205	51,093	97.0%	2, 3, 4	GD	34 x 17 1/2 x 28 1/2	132	15	16 x 25 x 1
S9V2C100U4VSA	4	96,362	64,036	97.0%	2, 3, 4	GD	34 x 21 x 28 1/2	154	15	20 x 25 x 1
S9V2D120U5VSA	5	113,145	76,668	97.0%	3, 4	GD	34 x 24 1/2 x 28 1/2	167	15	24 x 25 x 1

S9V2-VS
Direct Vent
UpflowTable FUR-1-B — Variable Speed, 2 Stage, Direct/Non-Direct Vent, Downflow Condensing Gas Furnace (120V/160V)⁽¹⁾

Unit Model No.	Airflow In Tons	Output (Btu/h) Stage 2	Stage 1	ICP/AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max. Fuse ^a	Filter Size ^b
S9V2B080D3VSA	3	76,363	51,091	97.0%	2, 3, 4	GD	34 x 17 1/2 x 28 1/2	132	15	(2)14 x 20 x 1
S9V2C100D4VSA	4	95,633	63,950	97.0%	2, 3, 4	GD	34 x 21 x 28 1/2	154	15	(2)16 x 20 x 1

S9V2-VS
Direct Vent
Downflow

Note: Variable speed furnaces should not be furnished and are not approved for venting applications.
⁽¹⁾ Installed Combustion System. AFUE may vary based on price.
⁽²⁾ Energy Star.
⁽³⁾ Direct drive variable speed motor is an ECM constant airflow blower motor.
⁽⁴⁾ Silicon Nitride Igniter.
^a Information subject to change. Please confirm with current Product Data/Service Packs (current factory production).
^b Filters are not shipped with furnace. For Upflow furnaces, the size is for a bottom return filter.

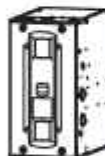
S9V2 - Two Stage ECM Variable Speed

Table FUR-1-C — Variable Speed, 2 Stage, Direct/Non-Direct Vent, Upflow/Horizontal Left/Horizontal Right
Condensing Gas Furnace (120V/160V)⁽¹⁾

Unit Model No.	Airflow In Tons	Output (Btu/h) Stage 2	Stage 1	ICP/AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max. Fuse ^a	Filter Size ^b
S9V2B040U3PSA	3	38,800	25,220	96.0%	2, 3, 4	GD	34 x 17 1/2 x 28 1/2	122	15	16 x 25 x 1
S9V2B060U3PSA	3	58,200	37,830	96.0%	2, 3, 4	GD	34 x 17 1/2 x 28 1/2	127	15	16 x 25 x 1
S9V2B080U4PSA	4	77,600	50,440	96.0%	2, 3, 4	GD	34 x 17 1/2 x 28 1/2	130	15	16 x 25 x 1
S9V2B080U3PSA	3	77,600	50,440	96.0%	2, 3, 4	GD	34 x 17 1/2 x 28 1/2	132	15	16 x 25 x 1
S9V2B080U4PSA	4	77,600	50,440	96.0%	2, 3, 4	GD	34 x 17 1/2 x 28 1/2	135	15	16 x 25 x 1
S9V2C100U4PSA	5	97,000	63,050	96.0%	2, 3, 4	GD	34 x 21 x 28 1/2	149	15	20 x 25 x 1
S9V2C100U4PSA	4	97,000	63,050	96.0%	2, 3, 4	GD	34 x 21 x 28 1/2	154	15	20 x 25 x 1
S9V2C100U5PSA	5	97,000	63,050	96.0%	2, 3, 4	GD	34 x 21 x 28 1/2	155	15	20 x 25 x 1
S9V2D120U5PSA	5	116,400	75,660	96.0%	3, 4	GD	34 x 24 1/2 x 28 1/2	167	15	24 x 25 x 1

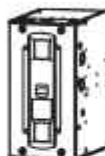
S9V2
Direct Vent
UpflowTable FUR-1-D — Variable Speed, 2 Stage, Direct/Non-Direct Vent, Downflow Condensing Gas Furnace (120V/160V)⁽¹⁾

Unit Model No.	Airflow In Tons	Output (Btu/h) Stage 2	Stage 1	ICP/AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max. Fuse ^a	Filter Size ^b
S9V2B040D3PSA	3	38,800	25,220	96.0%	2, 3, 4	GD	34 x 17 1/2 x 28 1/2	122	15	(2)14 x 20 x 1
S9V2B060D3PSA	3	58,200	37,830	96.0%	2, 3, 4	GD	34 x 17 1/2 x 28 1/2	127	15	(2)14 x 20 x 1
S9V2B080D3PSA	3	77,600	50,440	96.0%	2, 3, 4	GD	34 x 17 1/2 x 28 1/2	132	15	(2)14 x 20 x 1
S9V2B080D4PSA	4	77,600	50,440	96.0%	2, 3, 4	GD	34 x 17 1/2 x 28 1/2	135	15	(2)14 x 20 x 1
S9V2C100D4PSA	4	97,000	63,050	96.0%	2, 3, 4	GD	34 x 21 x 28 1/2	154	15	(2)16 x 20 x 1
S9V2C100D5PSA	5	97,000	63,050	96.0%	2, 3, 4	GD	34 x 21 x 28 1/2	155	15	(2)16 x 20 x 1
S9V2D120D5PSA	5	116,400	75,660	96.0%	3, 4	GD	34 x 24 1/2 x 28 1/2	167	15	(2)16 x 20 x 1

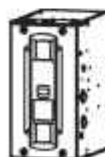
S9V2
Direct Vent
Downflow

Note: Variable speed furnaces should not be furnished and are not approved for venting applications.
⁽¹⁾ Installed Combustion System. AFUE may vary based on price.
⁽²⁾ Energy Star.
⁽³⁾ Direct drive variable speed motor is an ECM constant airflow blower motor.
⁽⁴⁾ Silicon Nitride Igniter.
^a Information subject to change. Please confirm with current Product Data/Service Packs (current factory production).
^b Filters are not shipped with furnace. For Upflow furnaces, the size is for a bottom return filter.

S9X2 - Two Stage High Efficiency ECM

Table FUR-2-A — 5 Speed High Efficiency ECM Motor, 2 Stage, Direct/Non-Direct Vent, Upflow/Horizontal Left/Horizontal Right Condensing Gas Furnace (120/1/60)⁽¹⁾85X2
Direct Vent
Upflow

Unit Model No.	Airflow In Tons	Output (Btu/h) Stage 2	Stage 1	ICS ⁽²⁾ AFUE	Pipe Size (in)	Ignition Device	Unrated Dimensions (in.) H x W x D	Shipping Weight ⁽³⁾ (lbs.)	Max Feet ⁽⁴⁾	Filter Sizes ⁽⁵⁾
S9X2B040U2PSAA	2	38,600	25,220	96.0%	2, 3, 4	(G)	34 x 17 1/2 x 28 1/2	122	15	16 x 25 x 1
S9X2B040U3PSAA	3	38,600	25,220	96.0%	2, 3, 4	(G)	34 x 17 1/2 x 28 1/2	122	15	16 x 25 x 1
S9X2B060U3PSAA	3	58,200	37,830	96.0%	2, 3, 4	(G)	34 x 17 1/2 x 28 1/2	127	15	16 x 25 x 1
S9X2B060U4PSAA	4	58,200	37,830	96.0%	2, 3, 4	(G)	34 x 17 1/2 x 28 1/2	130	15	16 x 25 x 1
S9X2B080U3PSAA	3	77,600	50,440	96.0%	2, 3, 4	(G)	34 x 17 1/2 x 28 1/2	132	15	16 x 25 x 1
S9X2B080U4PSAA	4	77,600	50,440	96.0%	2, 3, 4	(G)	34 x 17 1/2 x 28 1/2	135	15	16 x 25 x 1
S9X2C080U4PSAA	4	77,600	50,440	96.0%	2, 3, 4	(G)	34 x 21 x 28 1/2	149	15	20 x 25 x 1
S9X2C080U5PSAA	5	77,600	50,440	96.0%	2, 3, 4	(G)	34 x 21 x 28 1/2	149	15	20 x 25 x 1
S9X2C100U4PSAA	4	97,000	63,050	96.0%	2, 3, 4	(G)	34 x 21 x 28 1/2	154	15	20 x 25 x 1
S9X2C100U5PSAA	5	97,000	63,050	96.0%	2, 3, 4	(G)	34 x 21 x 28 1/2	155	15	20 x 25 x 1
S9X2D120U5PSAA	5	116,400	75,660	96.0%	3, 4	(G)	34 x 24 1/2 x 28 1/2	167	15	24 x 25 x 1

85X2
Direct Vent
DownflowTable FUR-2-B — 5 Speed High Efficiency ECM Motor, 2 Stage, Direct/Non-Direct Vent, Downflow Condensing Gas Furnace (120/1/60)⁽¹⁾

Unit Model No.	Airflow In Tons	Output (Btu/h) Stage 2	Stage 1	ICS ⁽²⁾ AFUE	Pipe Size (in)	Ignition Device	Unrated Dimensions (in.) H x W x D	Shipping Weight ⁽³⁾ (lbs.)	Max Feet ⁽⁴⁾	Filter Sizes ⁽⁵⁾
S9X2B040C2PSAA	2	38,600	25,220	96.0%	2, 3, 4	(G)	34 x 17 1/2 x 28 1/2	122	15	(2) 14 x 20 x 1
S9X2B060C3PSAA	3	58,200	37,830	96.0%	2, 3, 4	(G)	34 x 17 1/2 x 28 1/2	127	15	(2) 14 x 20 x 1
S9X2B080C4PSAA	4	77,600	50,440	96.0%	2, 3, 4	(G)	34 x 17 1/2 x 28 1/2	135	15	(2) 14 x 20 x 1
S9X2C100D5PSAA	5	97,000	63,050	96.0%	2, 3, 4	(G)	34 x 21 x 28 1/2	155	15	(2) 16 x 20 x 1
S9X2D120D5PSAA	5	116,400	75,660	96.0%	3, 4	(G)	34 x 24 1/2 x 28 1/2	167	15	(2) 16 x 20 x 1

⁽¹⁾ Isolated Combustion System. AFUE may vary based on process.⁽²⁾ Energy Star.⁽³⁾ Direct drive, 1/2 speed motor is a high efficiency optional for up to ECM blowers motor.⁽⁴⁾ Gas line fittings apply.⁽⁵⁾ Information subject to change. Please confirm with current Product Data/Service facts for current factory production.⁽⁶⁾ Filters are not shipped with furnace. For Upflow furnaces, the size is for a standard return filter.

Convertible Gas Furnaces

Table FUR-3-A — Features

	S9V2-VS Variable Speed	S9V2 Variable Speed	S9X2 Multi-Speed
• Comfort-R™ enhanced mode (cooling).....	✓	✓	✓
• Standard 34" height.....	✓	✓	✓
• 3 Way coils 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 bottom/right return air (upflow models only).....	✓	✓	✓
• 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.....	✓	✓	✓
• Gasketed inner and outer door.....	✓	✓	✓
• Variable speed draft inducer motor.....	✓	✓	✓
• Heavy gauge reinforced wrap-around steel cabinet.....	✓	✓	✓
• Insulated blower compartment.....	✓	✓	✓
• Left/Right condensate drain capability in vertical application.....	✓	✓	✓
• Service diagnostics with faults reported on IFC board.....	✓	✓	✓
• Manual reset flame roll out switches.....	✓	✓	✓
• Mobile home approved with mobile home kit.....	✓	✓	✓
• Multi-port in shut burners.....	✓	✓	✓
• Painted cabinet two tone color.....	✓	✓	✓
• Service diagnostic capabilities.....	✓	✓	✓
• Verticair® II blower housing.....	✓	✓	✓
• Slide out blower assembly on full-length rails.....	✓	✓	✓
• Side return duct starter tabs (upflow models only).....	✓	✓	✓
• Silicon Nitride 120V hot surface igniter.....	✓	✓	✓
• Multiple heating blower speeds.....	✓	✓	✓
• Meets requirements for 2% or less air leakage.....	✓	✓	✓
• Registered limited lifetime heat exchanger warranty & 10-year on all other functional parts (Residential Use)(1)	✓	✓	✓
• Optional extended warranties available	✓	✓	✓

Note: Variable speed furnaces should not be the highest unit size not approved for venting applications.

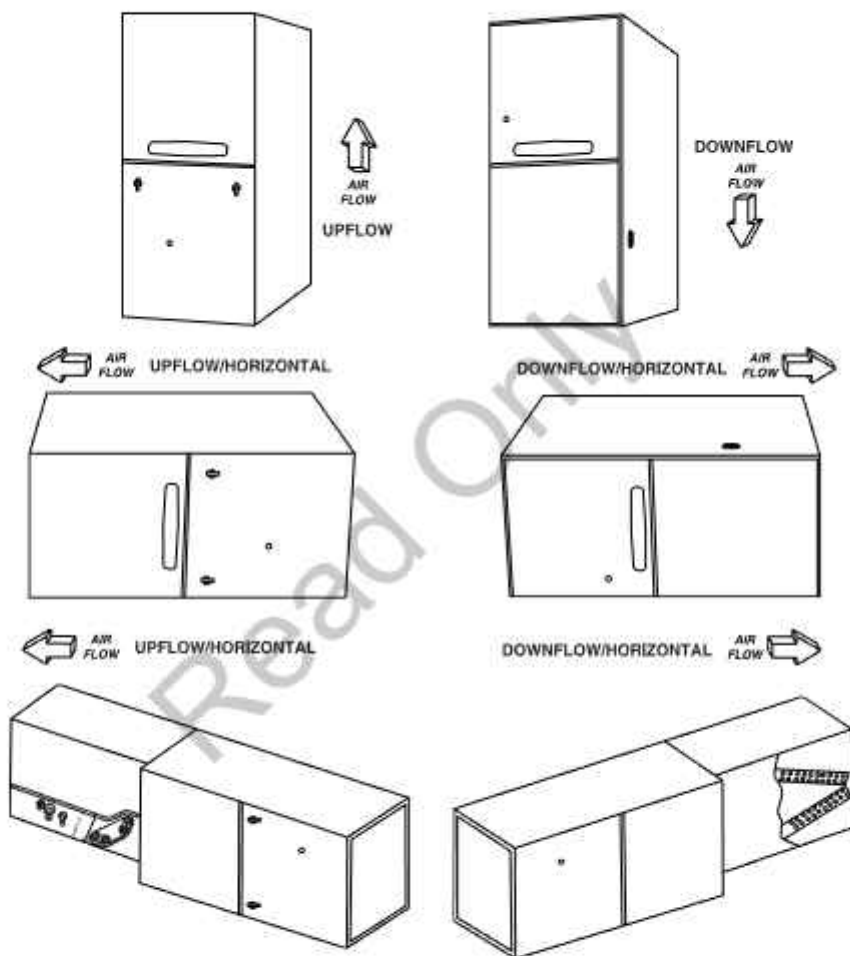
(1) Registered Limited Lifetime Warranty terms are available within 90 days of installation. You can register online at www.americanstandard.com or by phone at 800-554-5325; otherwise American Standard Heating & Air Conditioning's base Limited Warranty terms will apply. See Limited Warranty information on specific products can be found on AS24hr.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	S9X2 - 2 Stage 1 or 2 Pipe
BAYLPSS400B	LP Kit with Stainless Steel Burners.....	3	✓	✓	✓
BAYHANG	Horizontal hanging kit.....	2	✓	✓	✓
BAYVENT200B	Sidewall vent Termination Kit to Direct vent furnaces.....	2	✓	✓	✓
BAYVENTCN200B	Sidewall vent Termination Kit to Direct vent furnaces for Canadian applications.....	2	✓	✓	✓
BAYAR3GAVENTA	Concentric vent kit for 2, 2½ and 3" vent system.....	11	✓	✓	✓
BAYAR3GCVENT	Concentric vent kit for 2, 2½ and 3" vent system for Canadian applications.....	11	✓	✓	✓
BAYREDUCE	Reducer Coupling for Canadian applications (CPVC).....	1	✓	✓	✓
BAYLFTB	Dual return kit, B size extension.....	8	✓	✓	✓
BAYLFTC	Dual return kit, C size extension.....	9	✓	✓	✓
BAYLFTD	Dual return kit, D size extension.....	9	✓	✓	✓
BAYMFGH200B	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	✓	✓	✓
BAYBASE205	Downflow subbase.....	8	✓	✓	✓
BAYFLTR205	Filter Access Door Kit (Downflow only).....	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.

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



Notes: The forty inch (40") height condensing downflow/horizontal and upflow/horizontal furnaces may only be rotated 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.

Platinum 95 – Modulating,
Communicating ECM Variable SpeedPlatinum 95
Direct/Non-Direct
Vent UpflowPlatinum 95
Direct/Non-Direct
Vent Downflow

Table FUR-5-A — Variable Speed, Communicating, Modulating Direct/Non-Direct Vent, Upflow/Horizontal Left Condensing Gas Furnace (115/160) (0000)

Unit Model No.	Airflow In Tons	Output (Btu/h) High Stage 100%	Low Stage 40%	ICS/0 AFUE Upflow/ Horiz	Flue Size (in.)	Ignition Device	Unrated Dimensions (in.) H x W x D	Shipping Weight (lb.)	Max Fuse*	Filter Size**
ALHMB080ACV3VB	3	57,000	23,000	97.3(0)/96.5(0)	2, 2 $\frac{1}{2}$, 3	(0)	40 x 17 $\frac{1}{2}$ x 28	158	15	17 x 25 x 1
ALHMB080ACV3VB	3	76,000	31,000	97.0(0)/96.2(0)	2, 2 $\frac{1}{2}$, 3	(0)	40 x 17 $\frac{1}{2}$ x 28	166	15	17 x 25 x 1
ALHMC100ACV4VB	4	95,000	39,000	96.0(0)/95.2(0)	2 $\frac{1}{2}$, 3	(0)	40 x 21 x 28	197	15	20 x 25 x 1
ALHMD120ACV5VB	5	114,000	52,000	97.0(0)/96.2(0)	3	(0)	40 x 24 $\frac{1}{2}$ x 28	206	15	24 x 25 x 1

Table FUR-5-B — XC55m Variable Speed, Communicating Modulating Direct/Non-Direct Vent, Downflow/Horizontal Right Condensing Gas Furnace (115/160) (0000)

Unit Model No.	Airflow In Tons	Output (Btu/h) High Stage 100%	Low Stage 40%	ICS/0 AFUE	Flue Size (in.)	Ignition Device	Unrated Dimensions (in.) H x W x D	Shipping Weight (lb.)	Max Fuse*	Filter Size
ADHMB060BCV3VB	3	57,000	22,800	95.0(0)	2, 2 $\frac{1}{2}$, 3	(0)	40 x 17 $\frac{1}{2}$ x 28	160	15	(2)14 x 20 x 1
ADHMB080ACV3VB	3	76,000	30,400	96.0(0)	2, 2 $\frac{1}{2}$, 3	(0)	40 x 17 $\frac{1}{2}$ x 28	168	15	(2)14 x 20 x 1
ADHMC100ACV4VB	4	96,000	38,400	96.0(0)	2 $\frac{1}{2}$, 3	(0)	40 x 21 x 28	185	15	(2)16 x 20 x 1
ADHMD120BCV5VB	5	114,000	51,300	95.0(0)	3	(0)	40 x 24 $\frac{1}{2}$ x 28	206	15	(2)16 x 20 x 1

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

(0) Isolated Combustion System: AFUE may vary based on probe.

(0) Energy Star.

(0) Low stage is equal to 45% for ALHMD120 model.

(0) Furnace use in 24, non-communicating mode.

(0) Direct drive variable speed motor is an ECM constant airflow blower motor.

(0) Silicon Nitride.

(0) Must use communicating thermostat with AccuLink™ II control.

* 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 95v – Two Stage
ECM Variable SpeedGold 95v
Direct/Non-Direct
Vent Upflow

Table FUR-5-C — Variable Speed, Direct/Non-Direct Vent, Upflow/Horizontal Left Condensing Gas Furnace (115/160)

Unit Model No.	Airflow In Tons	Output (Btu/h) Stage 2	Stage 1	ICS/0 AFUE Upflow/ Horiz	Flue Size (in.)	Ignition Device	Unrated Dimensions (in.) H x W x D	Shipping Weight (lb.)	Max Fuse*	Filter Size**
ALHGB060ASV3VB	3	58,200	37,830	97.0(0)/96.2(0)	2, 2 $\frac{1}{2}$, 3	(0)	40 x 17 $\frac{1}{2}$ x 28	158	15	17 x 25 x 1
ALHGB080ASV3VB	3	77,600	50,440	97.0(0)/96.2(0)	2, 2 $\frac{1}{2}$, 3	(0)	40 x 17 $\frac{1}{2}$ x 28	166	15	17 x 25 x 1
ALHGB080ASV4VB	4	77,600	50,440	97.0(0)/96.2(0)	2, 2 $\frac{1}{2}$, 3	(0)	40 x 17 $\frac{1}{2}$ x 28	170	15	17 x 25 x 1

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

(0) Isolated Combustion System: AFUE may vary based on probe.

(0) Energy Star.

(0) Silicon Nitride Igniter.

* 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.

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


Silver 95h
 Direct/Non-Direct
 Vent Upflow

Silver 95h
 Direct/Non-Direct
 Vent Downflow

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

Unit Model No.	Airflow In Tons	Nominal Output (Btu/h)	ICSV AFUE Upflow/ Horiz	Pipe Size (in)	Ignition Device	Uncased Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes**
ALH1B040A9H21B	2	36,000	95.0 / 94.2	2, 2 1/2, 3	(1)	40 x 17 1/2 x 28	139	15	17 x 25 x 1
ALH1B060A9H31B	3	57,000	95.0 / 94.2	2, 2 1/2, 3	(1)	40 x 17 1/2 x 28	150	15	17 x 25 x 1
ALH1B080A9H31C	3	73,150	95.0 / 94.2	2, 2 1/2, 3	(1)	40 x 17 1/2 x 28	158	15	17 x 25 x 1
ALH1C100A9H41B	3 1/2	92,150	95.0 / 94.2	3	(1)	40 x 21 x 28	171	15	20 x 25 x 1

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

Unit Model No.	Airflow In Tons	Nominal Output (Btu/h)	ICSV AFUE	Pipe Size (in)	Ignition Device	Uncased Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes**
ADH1B040A9H21B	2	36,000	95.0	2, 2 1/2, 3	(1)	40 x 17 1/2 x 28	140	15	(2) 14 x 20 x 1
ADH1B060A9H31B	3	57,000	95.0	2, 2 1/2, 3	(1)	40 x 17 1/2 x 28	150	15	(2) 14 x 20 x 1
ADH1C080A9H41B	4	76,000	95.0	2 1/2, 3	(1)	40 x 21 x 28	171	15	(2) 16 x 20 x 1

(1) Isolated Combustion System. AFUE may vary based on pressure.

(2) Safety Pilot Igniter.

(3) Energy Star.

* 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.

Silver 95 - Single Stage


Silver 95
 Direct/Non-Direct
 Vent Upflow

Silver 95
 Direct/Non-Direct
 Vent Downflow

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

Unit Model No.	Airflow In Tons	Nominal Output (Btu/h)	ICSV AFUE Upflow/ Horiz	Pipe Size (in)	Ignition Device	Uncased Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes**
ALH1B040A9241C	2	36,000	95.0 / 94.2	2, 2 1/2, 3	(1)	40 x 17 1/2 x 28	139	15	17 x 25 x 1
ALH1B060A9301C	3	57,000	95.0 / 94.2	2, 2 1/2, 3	(1)	40 x 17 1/2 x 28	150	15	17 x 25 x 1
ALH1B080A9421C	3 1/2	73,150	95.0 / 94.2	2, 2 1/2, 3	(1)	40 x 17 1/2 x 28	158	15	17 x 25 x 1
ALH1C080A9601C	5	76,000	95.0 / 94.2	3	(1)	40 x 21 x 28	171	20	20 x 25 x 1
ALH1C100A9481C	4	92,150	95.0 / 94.2	3	(1)	40 x 21 x 28	171	20	20 x 25 x 1
ALH1D100A9601C	6	92,150	95.0 / 94.2	3	(1)	40 x 24 1/2 x 28	197	20	24 x 25 x 1
ALH1D120A9601C	5	104,500	95.0 / 94.2	3	(1)	40 x 24 1/2 x 28	205	20	24 x 25 x 1

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 (Btu/h)	ICSV AFUE	Pipe Size (in)	Ignition Device	Uncased Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes**
ADH1B040A9241C	2	36,000	95.0	2, 2 1/2, 3	(1)	40 x 17 1/2 x 28	155	15	(2) 14 x 20 x 1
ADH1B060A9421C	3 1/2	57,000	95.0	2, 2 1/2, 3	(1)	40 x 17 1/2 x 28	168	15	(2) 14 x 20 x 1
ADH1C080A9481C	4	76,000	95.0	2 1/2, 3	(1)	40 x 21 x 28	185	20	(2) 16 x 20 x 1
ADH1D110A9601C	5	104,500	95.0	2 1/2, 3	(1)	40 x 24 1/2 x 28	206	20	(2) 16 x 20 x 1

(1) Isolated Combustion System. AFUE may vary based on pressure.

(2) Safety Pilot Igniter.

* 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 size is for a bottom return filter.

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 (Btu/h)	IC ¹ /AFUE	Pipe Size (in.)	Ignition Device	Uncoated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse ²	Filter ³ Size
AUC1B04BA9241A	2	37,000	92.1 / 91.3	2, 2 1/2, 3	Silicon Nitride	40 x 17 1/2 x 28	139	15	17 x 25 x 1
AUC1B06BA9361A	3	56,000	92.1 / 91.3	2, 2 1/2, 3	Silicon Nitride	40 x 17 1/2 x 28	150	15	17 x 25 x 1
AUC1B08BA9421A	3 1/2	74,000	92.1 / 91.3	2, 2 1/2, 3	Silicon Nitride	40 x 17 1/2 x 28	158	15	17 x 25 x 1
AUC1C100A9481A	4	94,000	92.1 / 91.3	2 1/2, 3	Silicon Nitride	40 x 21 x 28	171	20	20 x 25 x 1
AUC1D100A9601A	5	93,000	92.1 / 91.3	2 1/2, 3	Silicon Nitride	40 x 24 1/2 x 28	197	20	24 x 25 x 1
AUC1D120A9601A	5	113,000	92.1 / 91.3	2 1/2, 3	Silicon Nitride	40 x 24 1/2 x 28	205	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 (Btu/h)	IC ¹ /AFUE	Pipe Size (in.)	Ignition Device	Uncoated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse ²	Filter ³ Size
ADC1B04BA9241A	2	37,000	92.1	2, 2 1/2, 3	Silicon Nitride	40 x 17 1/2 x 28	145	15	(2) 14 x 20 x 1
ADC1B06BA9361A	3	56,000	92.1	2, 2 1/2, 3	Silicon Nitride	40 x 17 1/2 x 28	155	15	(2) 14 x 20 x 1
ADC1B08BA9421A	3 1/2	74,000	92.1	2, 2 1/2, 3	Silicon Nitride	40 x 17 1/2 x 28	168	15	(2) 14 x 20 x 1
ADC1C100A9481A	4	93,000	92.1	2 1/2, 3	Silicon Nitride	40 x 21 x 28	185	20	(2) 16 x 20 x 1
ADC1D120A9601A	5	112,000	92.1	2 1/2, 3	Silicon Nitride	40 x 24 1/2 x 28	206	20	(2) 16 x 20 x 1

¹ IC Insulated Combustion System. AFUE may vary based on pipe size.

² Information subject to change. Please confirm with current Product Data Service (visit for current factory production).

³ Filters are not shipped with furnace. For Upflow furnaces, the unit will be shipped with a return filter.

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-8-A — Features

	AIRH ADH Modulating 1 or 2 Pipe Variable Speed	AIRH ADH 2 Stage 1 or 2 Pipe Variable Speed	AIRH-H ADH-H 1 Stage 1 or 2 Pipe	AIRH ADH 1 Stage 1 or 2 Pipe	AUC1 AUC1/ADC1 1 Stage 1 or 2 Pipe
• Comfort-R™ enhanced mode (cooling)	✓	✓	—	—	—
• AccuLink™ II system(s)	✓	✓	—	—	—
• Meets requirements for 2% or less air leakage	✓	✓	✓	✓	—
• Adjustable heating fan off timing	✓	✓	✓	✓	—
• Alternate bottom/left/right return air (upflow models only)	✓	✓	✓	✓	✓
• Blower door safety switch	✓	✓	✓	✓	✓
• Bottom panel (upflow models only)	✓	✓	✓	✓	✓
• Cleanable/Reusable 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 venting (1 or 2 pipe option)	✓	✓	✓	✓	✓
• Two stage combination gas valve and regulator	✓	✓	✓	✓	✓
• One stage combination gas valve and regulator	✓	✓	✓	✓	✓
• Modulating gas valve and regulator	✓	✓	✓	✓	✓
• Gasketed blower door (upflow models only)	✓	✓	✓	✓	✓
• Heavy gauge reinforced wrap-around 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	✓	✓	✓	✓	✓
• Left/right condensate drain capability in vertical application	✓	✓	✓	✓	✓
• Service diagnostics with faults reported at the user interface	✓	✓	✓	✓	✓
• Life Port™/Stored diagnostics	✓	✓	✓	✓	✓
• Manual reset flame roll out switches	✓	✓	✓	✓	✓
• Mobile home approved w/BAYMFGH100A	✓	✓	✓	✓	✓
• 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 burning	✓	✓	✓	✓	✓
• Slide out blower assembly	✓	✓	✓	✓	✓
• Solid burner door (quiet operation)	✓	✓	✓	✓	✓
• 20 gauge aluminized steel heat exchanger	✓	✓	✓	✓	✓
• 24 volt secondary fuse	✓	✓	✓	✓	✓
• Multiple heating blower speeds	✓	✓	✓	✓	✓
• Type 29-4C™ stainless steel secondary heat exchanger	✓	✓	✓	✓	✓
• Upflow horizontal left (upflow models only)	✓	✓	✓	✓	✓
• Variable speed vent motor	✓	✓	✓	✓	✓
• Registered limited lifetime heat exchanger warranty & 10-year on all other functional parts (Residential Use)(1)	✓	✓	✓	✓	✓
• Optional extended warranties available	✓	✓	✓	✓	✓

Note: Variable speed furnaces should not be burned and are not approved for venting applications.

(1) Registered Limited Warranty terms are available when you register within 90 days of installation. You can register online at americanstandardair.com or by phone at 800-554-4529; otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on AS24hourfurnace.com.

(2) Field configurable to 24V non-commutating motor.

*Constant torque ECM (electronically commutated motor).

**Constant torque ECM (electronically commutated motor).

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-5-A — Optional Accessories

Model Number	Description	Shipping Weight	AHRMADHM Modulating 1 or 2 Pipe Variable Speed	AHRH2ADH2 2 Stage 1 or 2 Pipe Variable Speed
BAYBASE205	Downflow subbase for downflow models only	.8	✓	✓
BAYFLTR208	External side filter rack	.5	✓	✓
BAYFLTR203	Filter kit horiz conversion for 17.5" cabinet	.3	✓	✓
BAYFLTR204	Filter kit horiz conversion for 21" cabinet	.3	✓	✓
BAYFLTR205	Filter kit horiz conversion for 24.5" cabinet	.3	✓	✓
BAYFLTR317(0)	Cleanable filter for 17.5" cabinet upflow only	.2	✓	✓
BAYFLTR321(0)	Cleanable filter for 21" cabinet upflow only	.2	✓	✓
BAYFLTR324(0)	Cleanable filter for 24.5" cabinet upflow only	.2	✓	✓
BAYLPKT210B	Propane conversion kit	.1	✓	✓
BAYLPKT220B	Propane conversion kit	.2	✓	✓
BAYLPSS210B	LP Kit with Stainless Steel Burners	.1	✓	✓
BAYLPSS220B	LP Kit with Stainless Steel Burners	.2	✓	✓
BAYMPGH100A	Manufactured/mobil home kit	.2	✓	✓
BAYRACK960A	Filter rack kit for upflow models only (internal)(0)	.5	✓	✓
BAYAIR30AVENTA	Concentric vent kit for 2, 2½ and 3" vent system	.11	✓	✓
BAYVENT200B	Sidewall vent Termination Kit to Direct vent furnaces	.2	✓	✓
BAYVENT500A	Side vent kit for downflow models only	.3	✓	✓
BAYACCECOMM101	ActuClean™ hookup kit for communicating furnaces	—	✓	✓

(0) Contains one (1) high velocity filter

(0) Internal filter rack for side or bottom return air includes 17" x 25" cleanable filter for use in side return applications. Bottom return applications require different sizes of filters which are not included. Airflow requirements over 1800 CFM require filters on both sides or a side and bottom or bottom only.

(0) BAYRACK390 not allowed on right side return on AHRM2050ASV4V™ models.

Note: Variable speed furnaces should not be furnished 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-5-B — Optional Accessories

Model Number	Description	Shipping Weight	AHRH-HV ADH-H 2 Stage 1 or 2 Pipe	AHRH1ADH1 ADH1ADH1 1 Stage 1 or 2 Pipe	AHC1ADC1 1 Stage 1 or 2 Pipe
BAYBASE205	Downflow subbase for downflow models only	.8	✓	✓	✓
BAYFLTR208	External side filter rack	.5	✓	✓	✓
BAYFLTR203	Filter kit horiz conversion for 17.5" cabinet	.3	✓	✓	✓
BAYFLTR204	Filter kit horiz conversion for 21" cabinet	.3	✓	✓	✓
BAYFLTR205	Filter kit horiz conversion for 24.5" cabinet	.3	✓	✓	✓
BAYFLTR206	Filter access door kit (Downflow only)	.2	✓	✓	✓
BAYFLTR317(0)	Cleanable filter for 17.5" cabinet upflow only	.2	✓	✓	✓
BAYFLTR321(0)	Cleanable filter for 21" cabinet upflow only	.2	✓	✓	✓
BAYFLTR324(0)	Cleanable filter for 24.5" cabinet upflow only	.2	✓	✓	✓
BAYLPKT210B	Propane conversion kit	.1	✓	✓	✓
BAYLPSS210B	LP Kit with Stainless Steel Burners	.1	✓	✓	✓
BAYMPGH100A	Manufactured/mobil home kit	.2	✓	✓	✓
BAYRACK960A	Filter rack kit for upflow models only (internal)(0)	.5	✓	✓	✓
BAYAIR30AVENTA	Concentric vent kit for 2, 2½ and 3" vent system	.11	✓	✓	✓
BAYVENT200B	Sidewall vent Termination Kit to Direct vent furnaces	.2	✓	✓	✓
BAYVENT500A	Side vent kit for downflow models only	.3	✓	✓	✓

Note: Variable speed furnaces should not be furnished and are not approved for existing applications.

(0) Contains one (1) high velocity filter

(0) Internal filter rack for side or bottom return air includes 17" x 25" cleanable filter for use in side return applications. Bottom return applications require different sizes of filters which are not included. Airflow requirements over 1800 CFM require filters on both sides or a side and bottom or bottom only.

Special Use Furnace Accessories

Table FUR-10-A — High Altitude Pressure Switch 90%

Model Number	Description	Used With	Shipping Weight
BAYHALT225	1 Switch	AUC080, 100C948, 120C, ADC080, 120C	2
BAYHALT225	1 Switch	AUC, ADC080C	2
BAYHALT227	1 Switch	AUC, 100C948	2
BAYHALT228	1 Switch	AUC/ADC040C	2
BAYHALT230	1 Switch	AUX/ADX040C, AUX1B040, D100/ADX1B040	2
BAYHALT231	1 Switch	AUX060C, AUX1060C	2
BAYHALT232	1 Switch	AUX080C, AUX1B080C	2
BAYHALT233	1 Switch	AUX100, 120C/ADX080, 120C, AUX1C100, D120/ADX1B080, D120	2
BAYHALT234	1 Switch	ADX100C, ADX1C100	2
BAYHALT241	1 Switch	ADX060C, ADX1B060	2
BAYHALT245	2 Switches	ADX/AUX/ADY/AUY060-R	2
BAYHALT246	2 Switches	ADX/AUX/ADY/AUY080, 100-R	2
BAYHALT247	2 Switches	ADX/AUX/ADY/AUY120-R	2
BAYHALT248	1 Switch	AUD1/ADD1, AUE1/ADE	2
BAYHALT249	1 Switch	AUD2/AUD-R-K, ADD-R-F, ADD2	2

Table FUR-10-B — High Altitude Pressure Switch 90%

Model Number	Description	Used With	Shipping Weight
BAYSWT01AHALTA	1 Switch	AUC1B040, AUC1D100, ADC1B040, AUX1B040, AUX1D100, ADX1B040, AUH1B040, ADH1B040, ADH1C085	2
BAYSWT02AHALTA	1 Switch	AUC1B060, AUX1B060	2
BAYSWT03AHALTA	1 Switch	AUC1B080, AUX1B080	2
BAYSWT04AHALTA	1 Switch	AUC1C100, AUC1D120, ADC1B080, ADC1C100, ADC1D120, AUX1C100, AUX1D120, ADX1B080, ADX1D120, AUH1B060, AUH1D100, AUH1D120	2
BAYSWT05AHALTA	1 Switch	ADX1C100, AUH1B080, AUH1C100, ADH1D110	2
BAYSWT06AHALTA	1 Switch	ADC1B060, ADX1B060	2
BAYSWT07AHALTA	1 Switch	AUH3/AUHMB060, ADH3/ADHMB060, AUX2B060, ADX2B060, AUY060R, ADY060R	2
BAYSWT08AHALTA	1 Switch	AUX2B080, AUX2D100, ADX2B080, ADX2C100, AUY120R, ADY120R, AUH2B080, ADH2B080, AUH2C100, ADH2C100, AUH2D120, ADH2D120, AUH3/AUHMD120, ADH3/ADHMD120	2
BAYSWT09AHALTA	1 Switch	AUX2D120, ADX2D120, AUY080R, ADY080R, AUY100R, ADY100R, AUH3/AUHMB080, ADH3/ADHMB080, AUH3/AUHMC100, ADH/ADHMC100	2
BAYSWT10AHALTA	1 Switch	AUH2B060A, ADH2B060A	2
BAYSWT11AHALTA	1 Switch	AUH1C080	2
BAYSWT12AHALTA	1 Switch	ADH1B065	2
BAYSWT01AMALTB	1 Switch	AUX1	2

The following changes occurred beginning with serial number 6150:

1. All 2 stage furnaces 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.



Bonaire TAYPLUS103A
Switch

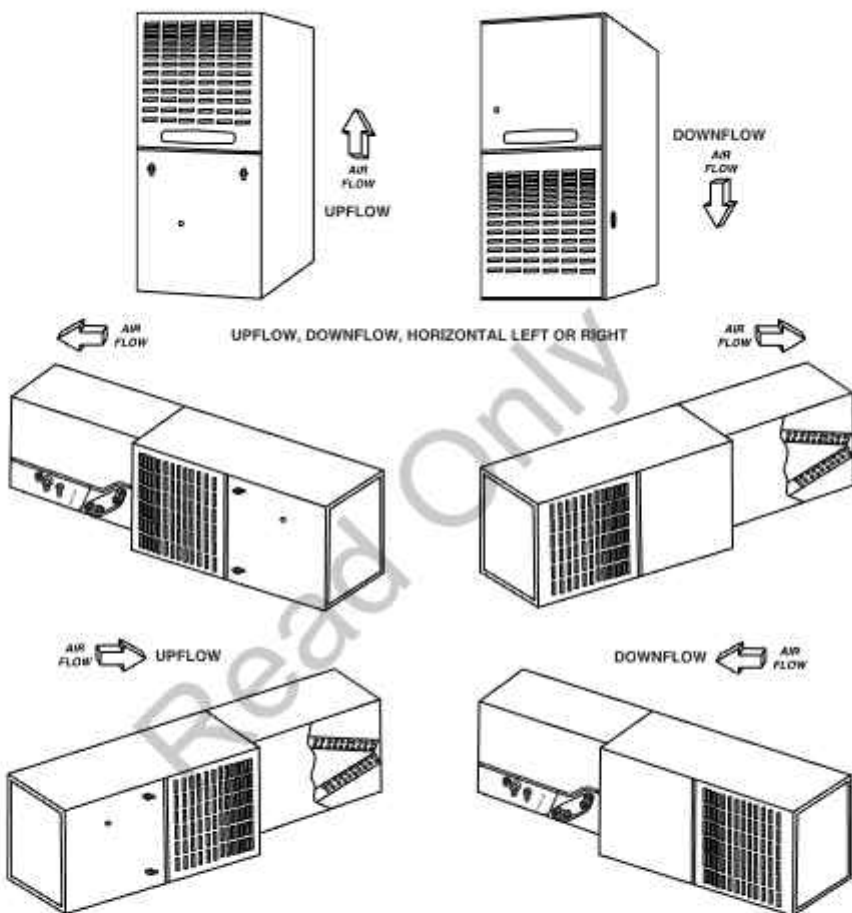
Table FUR-10-C — Dual Fuel Heat Pump Control Kit[®]

Model Number	Case Height	Used With
TAYPLUS103A	Heat Pump Control Kit	Gas, LP, Oil and Electric Furnaces
TAYSAT250B	Outdoor Thermostat	TAYPLUS103A for Restricted Mode

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

② Applicable for all furnaces with 24 VAC or larger low voltage transformer (separate high voltage power not required).

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



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 apex of the coil may point into or away from the airflow.

Platinum 80 – Communicating Two Stage ECM Variable Speed


Platinum 80
Upflow

Table FUR-12-A — Upflow/Horizontal Left or Right Induced Draft Gas Furnace (115/160) (X)(X)

Unit Model No.	Airflow In Tons	Output (Btu/h) Stage 2	Output (Btu/h) Stage 1	ICS (X) AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes**
AUD2B060ACV32B	3	48,000	31,200	80.0	4	Silicon Nitride	40 x 17 1/2 x 28	136	15	17 x 25 x 1
AUD2B080ACV32B	3	64,000	41,600	80.0	4	Silicon Nitride	40 x 17 1/2 x 28	142	15	17 x 25 x 1
AUD2C080ACV42B	4	64,000	41,600	80.0	4	Silicon Nitride	40 x 21 x 28	155	15	17 x 25 x 1
AUD2B100ACV32B	3	80,000	52,000	80.0	4	Silicon Nitride	40 x 17 1/2 x 28	148	15	17 x 25 x 1
AUD2C100ACV52B	5	79,000	52,000	80.0	4	Silicon Nitride	40 x 21 x 28	175	15	20 x 25 x 1
AUD2D120ACV32B	5	97,000	62,400	80.0	4	Silicon Nitride	40 x 24 1/2 x 28	193	15	24 x 25 x 1
AUD2D140ACV52B	5	111,000	72,800	80.0	4	Silicon Nitride	40 x 24 1/2 x 28	197	15	24 x 25 x 1

Table FUR-12-B — Downflow/Horizontal Left or Right Induced Draft Gas Furnace (115/160) (X)(X)

Unit Model No.	Airflow In Tons	Output Stage 2	Output (Btu/h) Stage 1	ICSB AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes**
ADD2B060ACV32B	3	48,000	31,200	80.0	4	Silicon Nitride	40 x 17 1/2 x 28	140	15 (2) 14 x 20 x 1	
ADD2B080ACV32B	3	63,000	41,600	80.0	4	Silicon Nitride	40 x 17 1/2 x 28	146	15 (2) 14 x 20 x 1	
ADD2C100ACV52B	5	81,000	52,000	80.0	4	Silicon Nitride	40 x 21 x 28	166	15 (2) 16 x 20 x 1	
ADD2D120ACV52B	5	96,000	62,400	80.0	4	Silicon Nitride	40 x 24 1/2 x 28	197	15 (2) 16 x 20 x 1	

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

(X) Must use communicating thermostat with AccuLink™ II control.

(X) Not convertible to 24V non-communicating.

(X) Isolated Combustion System.

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

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


Platinum 80
Downflow

Gold 80v – Two Stage ECM Variable Speed


Gold 80v
Upflow

Table FUR-12-C — Upflow/Horizontal Left or Right Induced Draft Gas Furnace (115/160) (X)

Unit Model No.	Airflow In Tons	Output (Btu/h) Stage 2	Output (Btu/h) Stage 1	ICS (X) AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes**
AUC2B060AV3VB	3	48,000	31,200	80.0	4	Silicon Nitride	40 x 17 1/2 x 28	136	15	17 x 25 x 1
AUC2B080AV3VB	3	64,000	41,600	80.0	4	Silicon Nitride	40 x 17 1/2 x 28	142	15	17 x 25 x 1
AUC2C080AV4VB	4	64,000	41,600	80.0	4	Silicon Nitride	40 x 21 x 28	160	15	17 x 25 x 1
AUC2C080BV4VB(X)	4	64,000	41,600	80.0	4	Silicon Nitride	40 x 21 x 28	160	15	17 x 25 x 1
AUC2B100AV3VB	3	80,000	52,000	80.0	4	Silicon Nitride	40 x 17 1/2 x 28	142	15	17 x 25 x 1
AUC2C100AV5VB	5	79,000	52,000	80.0	4	Silicon Nitride	40 x 21 x 28	166	20	20 x 25 x 1
AUC2C100BV5VB(X)	5	79,000	52,000	80.0	4	Silicon Nitride	40 x 21 x 28	166	20	20 x 25 x 1
AUC2D120AV3VB	5	97,000	62,400	80.0	4	Silicon Nitride	40 x 24 1/2 x 28	193	20	24 x 25 x 1
AUC2D120BV3VB(X)	5	97,000	62,400	80.0	4	Silicon Nitride	40 x 24 1/2 x 28	193	20	24 x 25 x 1
AUC2D140AV5VB	5	111,000	72,800	80.0	4	Silicon Nitride	40 x 24 1/2 x 28	197	20	24 x 25 x 1

Table FUR-12-D — Downflow/Horizontal Left or Right Induced Draft Gas Furnace (115/160) (X)

Unit Model No.	Airflow In Tons	Output (Btu/h) Stage 2	Output (Btu/h) Stage 1	ICS AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes
AUC2B060AV3VA	3	48,000	31,200	80.0	4	Silicon Nitride	40 x 17 1/2 x 28	140	15 (2) 14 x 20 x 1	
AUC2B080AV3VA	3	63,000	41,600	80.0	4	Silicon Nitride	40 x 17 1/2 x 28	146	15 (2) 14 x 20 x 1	
AUC2C100AV5VA	5	81,000	52,000	80.0	4	Silicon Nitride	40 x 21 x 28	166	20 (2) 16 x 20 x 1	
AUC2D120AV5VA	5	96,000	62,400	80.0	4	Silicon Nitride	40 x 24 1/2 x 28	197	20 (2) 16 x 20 x 1	

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

(X) Model has high efficiency burner assembly.

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

(X) Isolated Combustion System.

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

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


Gold 80v
Downflow

Gold 80 – Two Stage

Gold 80
Upflow

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

Unit Model No.	Airflow In Tons	Output (Btu/h) Stage 2 Stage 1	ICS/ AFUE	Flue Size (in.)	Ignition Device	Uncoiled Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter** Sizes
AUC2AD40A932A	2	32,000 20,800	80.0	4	Silicon Nitride	40 x 14 1/2 x 28	119	15	17 x 25 x 1
AUC2AD60A932A	3	47,000 31,200	80.0	4	Silicon Nitride	40 x 14 1/2 x 28	137	15	17 x 25 x 1
AUC2B060A936A	3	47,000 31,200	80.0	4	Silicon Nitride	40 x 17 1/2 x 28	132	15	17 x 25 x 1
AUC2B080A936A	3	63,000 41,600	80.0	4	Silicon Nitride	40 x 17 1/2 x 28	142	15	17 x 25 x 1
AUC2B080A948A	4	63,000 41,600	80.0	4	Silicon Nitride	40 x 17 1/2 x 28	142	15	17 x 25 x 1
AUC2B100A936A	3	79,000 52,000	80.0	4	Silicon Nitride	40 x 17 1/2 x 28	151	15	17 x 25 x 1
AUC2C100A948A	4	79,000 52,000	80.0	4	Silicon Nitride	40 x 21 x 28	162	15	20 x 25 x 1
AUC2C100A960A	5	80,000 52,000	80.0	4	Silicon Nitride	40 x 21 x 28	162	20	20 x 25 x 1
AUC2D100A960A	5	80,000 52,000	80.0	4	Silicon Nitride	40 x 24 1/2 x 28	175	20	24 x 25 x 1
AUC2C120A948A	4.5	95,000 62,400	80.0	4	Silicon Nitride	40 x 21 x 28	176	20	20 x 25 x 1
AUC2D120A960A	5	95,000 62,400	80.0	4	Silicon Nitride	40 x 24 1/2 x 28	186	20	24 x 25 x 1
AUC2D140A960A	5	112,000 72,800	80.0	4	Silicon Nitride	40 x 24 1/2 x 28	192	20	24 x 25 x 1

Gold 80
Downflow

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

Unit Model No.	Airflow In Tons	Output (Btu/h) Stage 2 Stage 1	ICS/ AFUE	Flue Size (in.)	Ignition Device	Uncoiled Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter** Sizes
AD02AD40A924A	2	32,000 20,800	80.0	4	Silicon Nitride	40 x 14 1/2 x 28	125	15	(2) 14 x 20 x 1
AD02AD60A936A	3	47,000 31,200	80.0	4	Silicon Nitride	40 x 14 1/2 x 28	135	15	(2) 14 x 20 x 1
AD02B060A936A	3	48,000 31,200	80.0	4	Silicon Nitride	40 x 17 1/2 x 28	140	15	(2) 14 x 20 x 1
AD02B080A936A	3	64,000 41,600	80.0	4	Silicon Nitride	40 x 17 1/2 x 28	152	15	(2) 14 x 20 x 1
AD02B100A948A	4	79,000 52,000	80.0	4	Silicon Nitride	40 x 17 1/2 x 28	157	15	(2) 14 x 20 x 1
AD02C100A948A	4	79,000 52,000	80.0	4	Silicon Nitride	40 x 21 x 28	166	15	(2) 16 x 20 x 1
AD02C100A960A	5	79,000 52,000	80.0	4	Silicon Nitride	40 x 21 x 28	168	20	(2) 16 x 20 x 1
AD02D120A960A	5	94,000 62,400	80.0	4	Silicon Nitride	40 x 24 1/2 x 28	189	20	(2) 16 x 20 x 1
AD02D140A960A	5	112,000 72,800	80.0	4	Silicon Nitride	40 x 24 1/2 x 28	196	20	(2) 16 x 20 x 1

(0) Isolated Combustion System.

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

** Filters are not shipped with furnaces. For Upflow furnaces, the 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 Tons	Normal Output (Btu/h)	ICS/ AFUE	Flue Size (in.)	Ignition Device	Uncoiled Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter** Sizes
AUC1D40A9H21B	2	32,000	80.0	4	Silicon Nitride	40 x 14 1/2 x 28	119	15	17 x 25 x 1
AUC1B060A9H31B	3	47,000	80.0	4	Silicon Nitride	40 x 17 1/2 x 28	127	15	17 x 25 x 1
AUC1B080A9H31B	3	63,000	80.0	4	Silicon Nitride	40 x 17 1/2 x 28	142	15	17 x 25 x 1
AUC1C080A9H41B	4	64,000	80.0	4	Silicon Nitride	40 x 21 x 28	142	15	20 x 25 x 1
AUC1B100A9H31B	3	79,000	80.0	4	Silicon Nitride	40 x 17 1/2 x 28	151	15	17 x 25 x 1
AUC1C100A9H51B	5	79,000	80.0	4	Silicon Nitride	40 x 21 x 28	162	20	20 x 25 x 1
AUC1D120A9H51B	5	96,000	80.0	4	Silicon Nitride	40 x 24 1/2 x 28	186	20	24 x 25 x 1
AUC1D140A9H51B	5	111,000	80.0	4	Silicon Nitride	40 x 24 1/2 x 28	193	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 Tons	Normal Output (Btu/h)	ICS/ AFUE	Flue Size (in.)	Ignition Device	Uncoiled Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter** Sizes
AD01B060A9H31B	3	48,000	80.0	4	Silicon Nitride	40 x 17 1/2 x 28	129	15	(2) 14 x 20 x 1
AD01B080A9H31B	3	64,000	80.0	4	Silicon Nitride	40 x 17 1/2 x 28	146	15	(2) 14 x 20 x 1
AD01C100A9H51B	5	81,000	80.0	4	Silicon Nitride	40 x 21 x 28	167	20	(2) 16 x 20 x 1
AD01D120A9H51B	5	96,000	80.0	4	Silicon Nitride	40 x 24 1/2 x 28	189	20	(2) 16 x 20 x 1

NOTE: Silver 80h furnaces have standard simplex ECM motors.

(0) Isolated Combustion System.

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

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

Silver 80 – Single Stage

Silver 80
Upflow

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

Unit Model No.	Airflow In Tons	Nominal Output (Btu/h)	ICP AFUE	Flue Size (in.)	Ignition Device	Uncorrelated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter** Size
AUD1A040A9241B	2	32,000	80.0	4	Silicon Nitride	40 x 14 1/2 x 28	119	15	17 x 25 x 1
AUD1A040A9301B	2 1/2	32,000	80.0	4	Silicon Nitride	40 x 14 1/2 x 28	122	15	17 x 25 x 1
AUD1A060A9241B	2	47,000	80.0	4	Silicon Nitride	40 x 14 1/2 x 28	124	15	17 x 25 x 1
AUD1A060A9361B	3	47,000	80.0	4	Silicon Nitride	40 x 14 1/2 x 28	127	15	17 x 25 x 1
AUD1B060A9361B	3	47,000	80.0	4	Silicon Nitride	40 x 17 1/2 x 28	132	15	17 x 25 x 1
AUD1B080A9241B	2	64,000	80.0	4	Silicon Nitride	40 x 17 1/2 x 28	139	15	17 x 25 x 1
AUD1B080A9361B	3	63,000	80.0	4	Silicon Nitride	40 x 17 1/2 x 28	142	15	17 x 25 x 1
AUD1B080A9481B	4	64,000	80.0	4	Silicon Nitride	40 x 17 1/2 x 28	142	15	17 x 25 x 1
AUD1C080A9601B	5	64,000	80.0	4	Silicon Nitride	40 x 21 x 28	154	20	20 x 25 x 1
AUD1B100A9361B	3	79,000	80.0	4	Silicon Nitride	40 x 17 1/2 x 28	151	15	17 x 25 x 1
AUD1B100A9451B	4	80,000	80.0	4	Silicon Nitride	40 x 17 1/2 x 28	153	15	17 x 25 x 1
AUD1C100A9481B	4	79,000	80.0	4	Silicon Nitride	40 x 21 x 28	162	15	20 x 25 x 1
AUD1C100A9601B	5	79,000	80.0	4	Silicon Nitride	40 x 21 x 28	162	20	20 x 25 x 1
AUD1D100A9721B	6	80,000	80.0	4	Silicon Nitride	40 x 24 1/2 x 28	170	20	24 x 25 x 1
AUD1C120A9541B	5	96,000	80.0	4	Silicon Nitride	40 x 21 x 28	170	20	20 x 25 x 1
AUD1D120A9601B	5	96,000	80.0	4	Silicon Nitride	40 x 24 1/2 x 28	186	20	24 x 25 x 1
AUD1D140A9601B	5	111,000	80.0	4	Silicon Nitride	40 x 24 1/2 x 28	183	20	24 x 25 x 1

Silver 80
Downflow

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

Unit Model No.	Airflow In Tons	Nominal Output (Btu/h)	ICP AFUE	Flue Size (in.)	Ignition Device	Uncorrelated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter** Size
ADD1A060A9241B	2	48,000	80.0	4	Silicon Nitride	40 x 14 1/2 x 28	129	15	(2) 14 x 25 x 1
ADD1A060A9361B	3	48,000	80.0	4	Silicon Nitride	40 x 14 1/2 x 28	129	15	(2) 14 x 25 x 1
ADD1B060A9361B	3	48,000	80.0	4	Silicon Nitride	40 x 17 1/2 x 28	134	15	(2) 14 x 25 x 1
ADD1B080A9361B	3	64,000	80.0	4	Silicon Nitride	40 x 17 1/2 x 28	146	15	(2) 14 x 25 x 1
ADD1B080A9451B	4	64,000	80.0	4	Silicon Nitride	40 x 17 1/2 x 28	146	15	(2) 14 x 25 x 1
ADD1B100A9451B	4	80,000	80.0	4	Silicon Nitride	40 x 17 1/2 x 28	150	15	(2) 14 x 25 x 1
ADD1C100A9481B	4	80,000	80.0	4	Silicon Nitride	40 x 21 x 28	160	15	(2) 16 x 25 x 1
ADD1C100A9601B	5	81,000	80.0	4	Silicon Nitride	40 x 21 x 28	167	20	(2) 16 x 25 x 1
ADD1C120A9541B	5	96,000	80.0	4	Silicon Nitride	40 x 21 x 28	177	20	(2) 16 x 25 x 1
ADD1D120A9601B	5	96,000	80.0	4	Silicon Nitride	40 x 24 1/2 x 28	189	20	(2) 16 x 25 x 1
ADD1D140A9601B	5	113,000	80.0	4	Silicon Nitride	40 x 24 1/2 x 28	196	20	(2) 16 x 25 x 1

* U.S. Standard Combustion System.

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

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

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)	ICB (1) AFUE	Pipe Size (in.)	Ignition Device	Uncoiled Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter** Sizes
ALUE1A040A9241A	2	31,000	80.0	4	Silicon Nitride	40 x 14 1/2 x 28	119	15	16 x 25 x 1
ALUE1A060A9241A	2	47,000	80.0	4	Silicon Nitride	40 x 14 1/2 x 28	124	15	16 x 25 x 1
ALUE1A060A9361A	3	47,000	80.0	4	Silicon Nitride	40 x 14 1/2 x 28	127	15	16 x 25 x 1
ALUE1B060A9361A	3	47,000	80.0	4	Silicon Nitride	40 x 17 1/2 x 28	132	15	17 x 25 x 1
ALUE1B080A9361A	3	63,000	80.0	4	Silicon Nitride	40 x 17 1/2 x 28	142	15	17 x 25 x 1
ALUE1B080A9481A	4	64,000	80.0	4	Silicon Nitride	40 x 17 1/2 x 28	142	15	17 x 25 x 1
ALUE1B100A9361A	3	79,000	80.0	4	Silicon Nitride	40 x 17 1/2 x 28	151	15	17 x 25 x 1
ALUE1C100A9481A	4	79,000	80.0	4	Silicon Nitride	40 x 21 x 28	162	15	20 x 25 x 1
ALUE1C100A9601A	5	79,000	80.0	4	Silicon Nitride	40 x 21 x 28	162	20	20 x 25 x 1
ALUE1D120A9601A	5	96,000	80.0	4	Silicon Nitride	40 x 24 1/2 x 28	186	20	24 x 25 x 1
ALUE1D140A9601A	5	111,000	80.0	4	Silicon Nitride	40 x 24 1/2 x 28	193	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)	ICB (1) AFUE	Pipe Size (in.)	Ignition Device	Uncoiled Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter** Sizes
ADE1A060A9361A	3	48,000	80.0	4	Silicon Nitride	40 x 14 1/2 x 28	125	15 (2)	14 x 20 x 1
ADE1B060A9361A	3	48,000	80.0	4	Silicon Nitride	40 x 17 1/2 x 28	134	15 (2)	14 x 20 x 1
ADE1B060A9481A	4	64,000	80.0	4	Silicon Nitride	40 x 17 1/2 x 28	146	15 (2)	14 x 20 x 1
ADE1B100A9481A	4	80,000	80.0	4	Silicon Nitride	40 x 17 1/2 x 28	156	15 (2)	14 x 20 x 1
ADE1C100A9601A	5	81,000	80.0	4	Silicon Nitride	40 x 21 x 28	167	20 (2)	16 x 20 x 1
ADE1D120A9601A	5	96,000	80.0	4	Silicon Nitride	40 x 24 1/2 x 28	189	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 factory production.

** Filters are not shipped with furnace. For Upflow furnaces, the shipper for a furnace selects filter.

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

Table FUR-16-A — Features

	AUD2-ACV/ ADD2-ACV 2 Stage 1 or 2 Pipe (1)	AUD2-9V ADD2-9V 2 Stage (1)	AUD2/ ADD2 2 Stage	AUD1-HV ADD1-H 1 Stage High Efficiency	AUD1/ ADD1 1 Stage	AUE1/ ADE1 1 Stage
+ Comfort-R [™] enhanced mode (cooling)	✓	✓	—	—	—	—
+ AcedLink [™] 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 accents	✓	✓	—	✓	✓	✓
+ Blower door safety switch	✓	✓	—	✓	✓	✓
+ Bottom Panel (upflow models only)	✓	✓	—	✓	✓	✓
+ Cleanable/reusable high velocity filters	✓	✓	—	✓	✓	✓
+ Common vent capability	✓	✓	—	✓	✓	✓
+ 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**	✓	✓	—	✓	✓	✓
+ Gasketed blower door	✓	✓	—	✓	✓	✓
+ Heavy gauge reinforced wrap-around steel cabinet	✓	✓	—	✓	✓	✓
+ Horizontal left/right without conversion required	✓	✓	—	✓	✓	✓
+ Humidifier/EAC hook-up capability	✓	✓	—	✓	✓	✓
+ Inner blower door panel (downflow models only)	✓	✓	—	✓	✓	✓
+ Insulated blower compartment 4 sides (upflow models only)	✓	✓	—	✓	✓	✓
+ Integrated auto state control w/ self diagnostics	✓	✓	—	✓	✓	✓
+ Left/right gas connection	✓	✓	—	✓	✓	✓
+ Manual reset flame roll out switch	✓	✓	—	✓	✓	✓
+ Masonry Chimney Venting w/BAYVENT8008	✓	✓	—	✓	✓	✓
+ Multi-port in shot burners	✓	✓	—	✓	✓	✓
+ Painted cabinet single color	✓	✓	—	✓	✓	✓
+ Perfect fit door latches (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 starter tabs (upflow models only)	✓	✓	—	✓	✓	✓
+ Silicon Nitride hot surface igniter w/ adaptive heat up	✓	✓	—	✓	✓	✓
+ Single door filter access	✓	✓	—	✓	✓	✓
+ Single wire wiring	✓	✓	—	✓	✓	✓
+ Slide out blower assembly	✓	✓	—	✓	✓	✓
+ 3-way vent option on downflow models (top/right or left) (downflow models only)	✓	✓	—	✓	✓	✓
+ 20 gauge aluminized steel heat exchanger	✓	✓	—	✓	✓	✓
+ 24 volt secondary fuse	✓	✓	—	✓	✓	✓
+ Multiple heating blower speeds	✓	✓	—	✓	✓	✓
+ Two speed venter motor	✓	✓	—	✓	✓	✓
+ Two tone color	✓	✓	—	✓	✓	✓
+ Two-stage gas valve	✓	✓	—	✓	✓	✓
+ Registered limited lifetime heat exchanger warranty and 10-year on all other functional parts (Residential Use)(1)	✓	✓	—	✓	✓	✓
+ Registered 20-year heat exchanger limited warranty and 10-year on all other functional parts (Residential Use)	✓	✓	—	✓	✓	✓
+ Optional extended warranties available	✓	✓	—	✓	✓	✓

Note: Variable speed blower motors are not approved for indirect applications.

(1) Registered Limited Warranty terms are available when you register within 90 days of installation. You can register online at americanstandard.com or by phone at 800-854-8025; otherwise American Standard Heating & Air Conditioning's Basic Limited Warranty (see below) will apply. Basic Limited Warranty information on specific products can be found on ASDewaried.com.

(2) Variable Speed

(3) Selectable through thermostat

*Constant torque ECM (electronically commutated motor)

**Constant airflow ECM (electronically commutated motor)

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	AUD2-ACWADD2-ACV 2 Stage Variable Speed	AUD2-9V ADD2-9V 2-Stage Variable Speed
BAYBASE205	Downflow subbase for downflow models only	8	✓	✓
BAYFLTR200	Side Filter Rack (External)	5	✓	✓
BAYFLTR203	Filter kit horiz conversion for 17.5" cabinet	3	✓	✓
BAYFLTR204	Filter kit horiz conversion for 21" cabinet	3	✓	✓
BAYFLTR205	Filter kit horiz conversion for 24.5" cabinet	3	✓	✓
BAYFLTR206	Filter Access Door Kit (Downflow only)	2	✓	✓
BAYFLTR321(1)	Cleanable filter for 21" cabinet upflow only	2	✓	✓
BAYFLTR324(1)	Cleanable filter for 24.5" cabinet upflow only	2	✓	✓
BAYLPKT210B	Propane conversion kit	1	✓	✓
BAYLPSS210B	LP Kit with Stainless Steel Burners	1	✓	✓
BAYRACK96A(1)	Filter Rack Kit for upflow models only (internal)	5	✓	✓
BAYVENT800B	Masonry chimney vent kit	2	✓	✓

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

(1) Internal filter rack for sides or bottom return air. Includes 17 x 25" cleanable filter for use in side return applications. Bottom return applications require different sizes of filter which are not included. Airflow requirements: over 1800 CFM require filters on both sides or a whole unit bottom or bottom only.

Table FUR-17-B — Optional Accessories

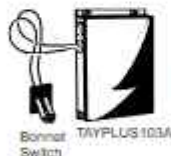
Model Number	Description	Shipping Weight	AUD2/ADD2 2 Stage	AUD1-HVADD1-H 1 Stage High Efficiency	AUD1/ADD1 1 Stage	AUE1/ADE1 1 Stage
BAYBASE205	Downflow subbase for downflow models only	8	✓	✓	✓	✓
BAYFLTR200	Side Filter Rack (External)	5	✓	✓	✓	✓
BAYFLTR203	Filter kit horiz conversion for 17.5" cabinet	3	✓	✓	✓	✓
BAYFLTR204	Filter kit horiz conversion for 21" cabinet	3	✓	✓	✓	✓
BAYFLTR205	Filter kit horiz conversion for 24.5" cabinet	3	✓	✓	✓	✓
BAYFLTR206	Filter Access Door Kit (Downflow only)	2	✓	✓	✓	✓
BAYFLTR317(1)	Cleanable filter for 14.5" and 17.5" cabinet upflow only	2	✓	✓	✓	✓
BAYFLTR321(1)	Cleanable filter for 21" cabinet upflow only	2	✓	✓	✓	✓
BAYFLTR324(1)	Cleanable filter for 24.5" cabinet upflow only	2	✓	✓	✓	✓
BAYLPKT210B	Propane conversion kit	1	✓	✓	✓	✓
BAYLPSS210B	LP Kit with Stainless Steel Burners	1	✓	✓	✓	✓
BAYRACK96A(1)	Filter Rack Kit for upflow models only (internal)	5	✓	✓	✓	✓
BAYVENT800B	Masonry chimney vent kit	2	✓	✓	✓	✓

Note: Variable speed furnaces should not be returned applications not approved for burning applications.

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

(1) Internal filter rack for sides or bottom return air. Includes 17 x 25" cleanable filter for use in side return applications. Bottom return applications require different sizes of filter which are not included. Airflow requirements: over 1800 CFM require filters on both sides or a whole unit bottom or bottom only.

Special Use Furnace Accessories



Bonnet Switch
 TAYPLUS103A

Table FUR-17-C — High Altitude Pressure Switch 80%

Model Number	Description	Used With	Shipping Weight
BAYHALT248	1 Switch	AUD1, ADD1, AUE1, ADE1	2
BAYHALT249	1 Switch	AUD-R-K, ADD-R-F, AUE-R-K, ADE-R-F	2

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

Model Number	Case Weight	Used With
TAYPLUS103A	Heat Pump Control Kit	Gas, LP, Oil and Electric Furnaces
TAYSTAT250B	Outdoor Thermostat	TAYPLUS103A for Restricted Mode

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

(2) Applicable for all furnaces with 24 VAC or larger low voltage transformer (separate high voltage panel not required).

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 gage 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 door is opened for maintenance or cleaning

- Designed for flush fit on both sides and rear of equipment cabinet
- No transitions required on **AccuClean™** applications
- Gaskets included with the air cleaner
- **AccuLink™** communicating or 24 volt capability
- **Base Limited Warranty 6-years**
- **Registered Limited Warranty 10-years**
- **American Standard AccuClean™** is now certified as **asthma & allergy friendly™** by AAAFA.

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

Model Number	Airflow Range	AccuClean™ Air Handler Width	Uncrated Dimensions(In.) H x W x D	Shipping Weight
AFD175CLAH000E	300-1200	17 1/2 inch	7 1/2 x 17 1/2 x 21	37
AFD215CLAH000E	300-1200	21 1/2 inch	7 1/2 x 21 1/2 x 21	42
AFD235CLAH000E	350-1600	23 1/2 inch	7 1/2 x 23 1/2 x 21	44
AFD260CLAH000E	400-2000	26 inch	7 1/2 x 26 x 21	46

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

Model Number	Airflow Range	AccuClean™ Furnace Width	Uncrated Dimensions(In.) H x W x D	Shipping Weight
AFD145CLFR000E	300-1200	14 1/2 inch(0)	7 1/2 x 14 1/2 x 27	39
AFD175CLFR000E	300-1600	17 1/2 inch(0)	7 1/2 x 17 1/2 x 27	43
AFD210CLFR000E	300-2000	21 inch(0)	7 1/2 x 21 x 27	47
AFD245CLFR000E	400-2000	24 1/2 inch(0)	7 1/2 x 24 1/2 x 27	49

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

Model Number	Airflow Range	AccuClean™ Furnace Width	Uncrated Dimensions(In.) H x W x D	Shipping Weight
AFD17DCLFR000E	300-1600	17 1/2 inch	7 1/2 x 17 1/2 x 21	37
AFD21DCLFR000E	300-2000	21 inch	7 1/2 x 21 x 21	41

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

Model Number	Description	Used With	Shipping Weight
BAYTRANS12024	120 to 24 Volt Transformer	All AFD Air Cleaners	5

- (0) Side return no transition required.
 (0) Side return transition required.



Perfect Fit™ Media Filters

- Four sizes to flush fit bottom of Transi furnaces
- TFM175 (17 1/2") 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 keeps 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	Uncoated Dimensions (in.) H x W x D	Shipping Weight	Return Air Opening
TFM215B0VH0	100-1400	21 1/2 inch	7 1/2 x 21 1/2 x 21	22	18 1/2 x 18 1/2
TFM235B0VH0	1400-1700	23 1/2 inch	7 1/2 x 23 1/2 x 21	24	20 1/2 x 18 1/2
TFM250B0VH0	400-2100	25 inch	7 1/2 x 25 x 21	25	23 1/2 x 18 1/2

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	Uncoated Dimensions (in.) H x W x D	Shipping Weight	Return Air Opening
TFM145B0FR0	300-1200	14 1/2 inch	7 1/2 x 14 1/2 x 27	18	11 1/2 x 24 1/2
TFM175B0FR0	100-1500	17 1/2 inch	7 1/2 x 17 1/2 x 27	21	14 1/2 x 24 1/2
TFM210B0FR0	300-2000	21 inch	7 1/2 x 21 x 27	24	19 1/2 x 24 1/2
TFM245B0FR0	400-2000	24 1/2 inch	7 1/2 x 24 1/2 x 27	27	21 1/2 x 24 1/2

- (1) Side return no transition required.
 (2) Side return transition required.
 (3) Actual opening does not include flanges.

SlimFit Filters



- Available in all cabinet widths for the TEM Air Handlers.
- Available for the S-Series Furnaces with side return.
- Polystyrene 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 retail filter.
- Easy installation and competitively priced.

New for 2013

- Fully insulated R-4.2 door
- Insulated cabinet to prevent sweating

Table IAQ-2-C - SlimFit Filters

Part Number	Part Description	Dimensions (in.)	Supersedes
BAYSF1165BAA	1" Filter and Frame (Side Return Furnace)	16 1/2 x 20 1/2 x 2	BAYSF1165AAA
BAYSF1185BAA	1" Filter and Frame, 18 1/2"	18 1/2 x 21 x 2	BAYSF1185AAA
BAYSF1235BAA	1" Filter and Frame, 23 1/2"	23 1/2 x 21 x 2	BAYSF1235AAA
BAYSF1265BAA	1" Filter and Frame, 26 1/2"	26 1/2 x 21 x 2	BAYSF1265AAA
FLRSF1165*	1" Media Filter (Side Return Furnace)	16 1/2 x 20 1/2 x 1/2	
FLRSF1185*	1" Media Filter	17 1/2 x 19 1/2 x 1/2	
FLRSF1235*	1" Media Filter	22 1/2 x 19 1/2 x 1/2	
FLRSF1265*	1" Media Filter	25 1/2 x 19 1/2 x 1/2	

*Shipped in cartons of 12

QuikBox™ Media Cabinet and Filters



New for 2018

- New Cost Improved Replacement for TFM Perfect Fit Media Filter
- 9 Perfect Fit Sizes to match Air Handler or Furnace Cabinet dimensions
- 5" Depth 18 Gauge Metal Painted Cabinet w/ Fully Insulated R-4.2 Door
- New MERV 11 Collapsible "Shift-Box" type filter included
- Air Tight Door Construction with Gasketing and Quarter Turn Easy Open Latch
- Cabinet Gasketing included for improved leakage at equipment connection
- QuikBox Replacement Filters are Backward Compatible to Fit Every TFM FilterBox

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
TFM175BQFR0	EOBFM175AQFR11	5" x 17.5" x 27"	300-1500	20
TFM17DAQFR0	EOBFM17DAQFR11	5" x 17.5" x 21"	300-1600	20
TFM210BQFR0	EOBFM210AQFR11	5" x 21.0" x 27"	300-2000	22
TFM215BQAH0	EOBFM215AQAH11	5" x 21.5" x 21"	300-1400	20
TFM235BQAH0	EOBFM235AQAH11	5" x 23.5" x 21"	300-1700	22
TFM245BQFR0	EOBFM245AQFR11	5" x 24.5" x 27"	400-2000	24
TFM260BQAH0	EOBFM260AQAH11	5" x 26.0" x 21"	400-2000	24
N/A	EOBFM185AQFR11	5" x 20.5" x 16.75"	400-1600	20
N/A	EOBFM185AQAH11	5" x 18.5" x 21"	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
TFM145BQFR0	BAYFTFR14M2	13.7 x 26 x 4.7	FLROB3FR14M11	MERV 11
TFM175BQFR0	BAYFTFR17M2	16.7 x 26 x 4.7	FLROB5FR17M11	MERV 11
TFM210BQFR0	BAYFTFR21M2	20.2 x 26 x 4.7	FLROB5FR21M11	MERV 11
TFM245BQFR0	BAYFTFR24M2	23.7 x 26 x 4.7	FLROB5FR24M11	MERV 11
New	N/A	15.75 x 19 x 4.7	FLROB5FR16M11	MERV 11
TFM17DAQFR0	BAYFTDN17M2	16.7 x 20 x 4.7	FLROB5CN17M11	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
TFM215BQAH0	BAYFTHQ21M2	20.7 x 20 x 4.7	FLROB5AHQ21M11	MERV 11
TFM235BQAH0	BAYFTHQ23M2	22.7 x 20 x 4.7	FLROB5AHQ23M11	MERV 11
TFM260BQAH0	BAYFTHQ26M2	25.2 x 20 x 4.7	FLROB5AHQ26M11	MERV 11
New	N/A	17.75 x 20 x 4.7	FLROB5AH18M11	MERV 11

Perfect Fit™ Filter Accessories

Table IAQ-4-A — Furnace Cartridge Media

Model				
Number	Description	Qty	Enclosure Used with	Shipping Weight
BAYFTFEXM2	Expandable 5" Cartridge Media Filter	2 / Box	14 1/2" x 24 1/2" x 21"	5

Table IAQ-4-B — Air Handler Cartridge Media

Model				
Number	Description	Qty	Enclosure Used with	Shipping Weight
BAYFTAHEXM2	Expandable 5" Cartridge Media Filter	2 / Box	21 1/2" x 26" x 27"	5

Table IAQ-4-C — Furnace Frames

Model				
Number	Description	Qty	Enclosure Used with	Shipping Weight
BAYFRAME1450	Expandable Media Filter	1 / Box	14 1/2"	5
BAYFRAME1750	Expandable Media Filter	1 / Box	17 1/2"	5
BAYFRAME2100	Expandable Media Filter	1 / Box	21"	5
BAYFRAME2450	Expandable Media Filter	1 / Box	24 1/2"	5

Table IAQ-4-D — Air Handler Frames

Model				
Number	Description	Qty	Enclosure Used with	Shipping Weight
BAYFRAME2150	Expandable Media Frame	1 / Box	21"	5
BAYFRAME2350	Expandable Media Frame	1 / Box	23 1/2"	5
BAYFRAME2600	Expandable Media Frame	1 / Box	26"	5

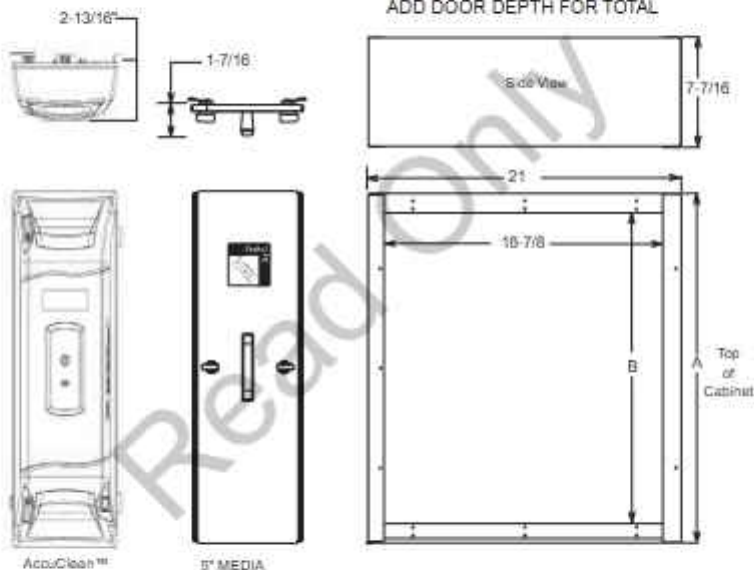
00 Includes one filter.

AccuClean™ Dimensions

Table IAQ-5-A — Air Handler Filters

FD Filter	AIR HANDLER MODEL NUMBER	
	A	B
AFD215	21 1/4	19
AFD235	23 1/4	21
AFD250	26	23 1/4

OUTLINE DRAWING AIR HANDLER MODELS

 21" CABINET DEPTH ONLY
 ADD DOOR DEPTH FOR TOTAL


AccuClean™ Dimensions

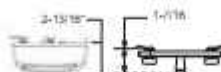


Table IAQ-6-A — Upflow Furnace Filters

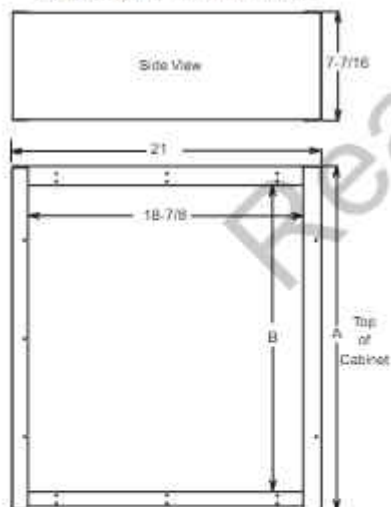
FURNACE MODEL NUMBER		
IFD Filter	A	B
AFD14S	14 ¹ / ₂	12
AFD17S	17 ¹ / ₂	15
AFD21D	21	18 ¹ / ₂
AFD24S	24 ¹ / ₂	22

Table IAQ-6-B — Downflow Furnace Filters

FURNACE MODEL NUMBER		
IFD Filter	A	B
AFD14D	14 ¹ / ₂	11 ¹ / ₂
AFD17D	17 ¹ / ₂	14 ¹ / ₂
AFD21D	21	18 ¹ / ₂
AFD24D	24 ¹ / ₂	21 ¹ / ₂

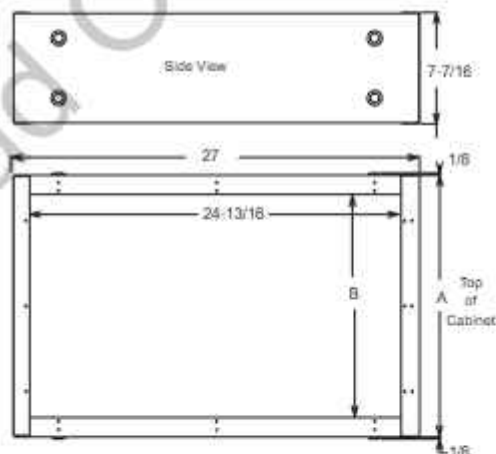
OUTLINE DRAWING DOWNFLOW FURNACE MODELS

21" CABINET DEPTH ONLY
 ADD DOOR DEPTH FOR TOTAL



OUTLINE DRAWING UPFLOW FURNACE MODELS

27" CABINET DEPTH ONLY
 ADD DOOR DEPTH FOR TOTAL



Humidifiers Steam



EHUMD800A SMO0BA
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 34.6 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 controls 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.

**Replace once a year*

EHUMD800LC

- EnviroWise model 800LC Steam Humidifier is recommended for all 120V installations.
- Two Different Capacities at 11.5 gallons per day and 15 gallons per day.
- Comes with model 8043 LCDRP Canister
- Faster start-up and 35% more electrode surface area than model 800 with 120V application

Table IAQ-7-A — Steam Humidifier Models

Part Number	Part Description	Dimensions - W"xD"xH"	Weight (lbs)
EHUMD800ASMO0B	Steam Humidifier w/ Manual Control	10.125 x 7.125 x 20.875	23
EHUMD800BSMLCBA	Steam Humidifier Low Conductivity w/ Manual Control	10.125 x 7.125 x 20.875	23

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

Conductivity	Grains/Gal	Hardness	Recommended Model Installed at 258/240v
75-100	0-3	Naturally Soft	Model 800LC
100-300	3-9	Naturally Soft	Model 800LC
300-500	9-15	Slightly Hard	Model 800
500-600	15-20	Moderately Hard	Model 800
650-800	20-25	Hard	Model 800
850-1250	25-36	Very Hard	Model 800
above 1250	above 36	Extremely Hard	Installation Not Recommended

Table IAQ-7-C — Accessories

Model Number	Description
8043RP	Canister, Role, 6-Pk, Serv First
8043LCDRP	Replacement Steam Canister-Low Conductivity Model
5625RP	Humidistat, Manual, Serv First
5628RP	Drain Trap Assy, Serv First
5629RP	Air Flow Switch, Serv First
5630RP	High Humidity Switch, Serv First
5632RP	Condensate Pump Kit, Serv First
56TR	Convertible Automatic Humidifier Control, Trans Brand

1. What model is recommended for 120VAC installations?

a. The Model 800LC and 80LC canister are recommended regardless of water conditions.

Humidifiers Fan Powered and Bypass



AHUMD500A



AHUMD200A, 300A

AHUMD500A

- Flow Through Fan Powered Humidifier
- High Performance Humidifier Delivers up to 18 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
- Polystyrene Gray Housing matches Furnace Cabinet Color
- Decorative nameplate
- 120V Power Line Cord
- 110V Primary/24V Transformer

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
- Field Convertible Duct Connection, Left or Right Side
- Built in Summer / Winter Damper
- Saddle Valve
- Polystyrene Gray Housing matches Furnace Cabinet Color
- Decorative nameplate
- 110V Primary/24V Secondary, 10VA Transformer

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

Model	Description	Used With	Shipping Weight
AHUMD500A/PA000C00	Fan Powered Humidifier	All Furnace Models	20
AHUMD300A/BA00B00	Large Bypass Humidifier	All Furnace Models	15
AHUMD200A/BA00B00	Small Bypass Humidifier	All Furnace Models	14

(0) Includes Automatic Humidifier Control (Duct Mount Only)

(0) Includes Automatic Humidifier Control (Wall Mount Only) 120/24V Transformer

(0) Includes Manual Humidifier Control and 120/24V Transformer

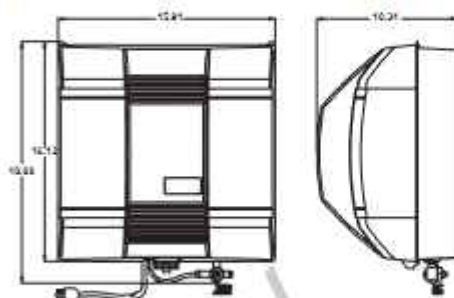
(0) Not applicable for horizontal installations

Table IAQ-8-B — Accessories

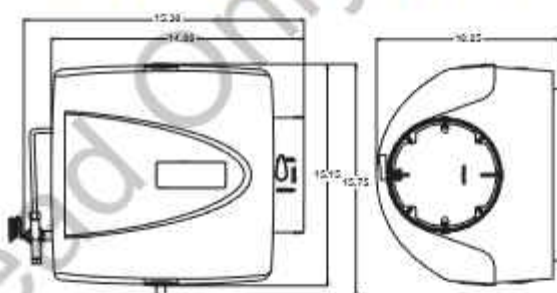
Model	Description	Used With
BAYPAD02A1310A	Large Humidifier Pad 13"x10"	AHUMD500, 300A
BAYPAD01A1010A	Small Humidifier Pad 9-7/8"x9-5/8"	AHUMD200A
ACONTH01AAUT0A	Automatic Humidifier Control	AHUMD200A
BAYRLY10ASENSA	Current Sensing Relay	All
BAYPLT01AMHCOA	Adapter Plate (Duct Mount)	Manual Humidifier Control

Humidifiers Fan Powered and Bypass

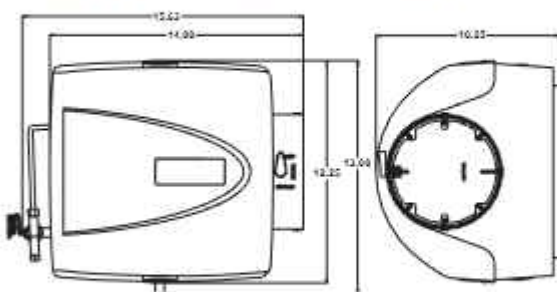
AHUMD500APA00C FAN POWERED HUMIDIFIER



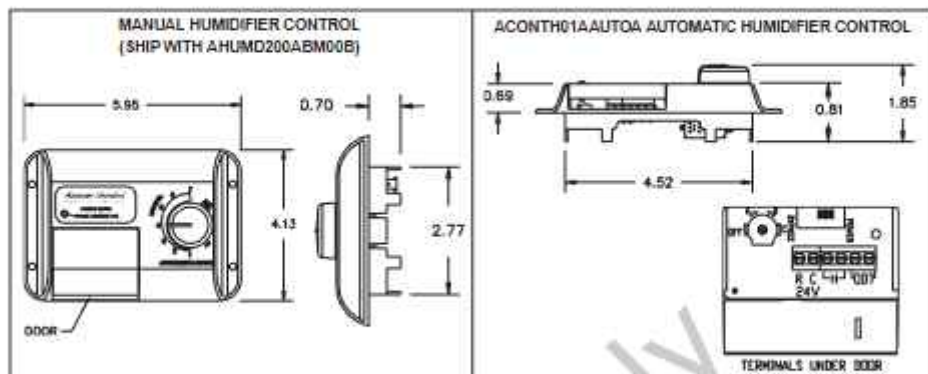
AHUMD300ABA00B LARGE BYPASS HUMIDIFIER



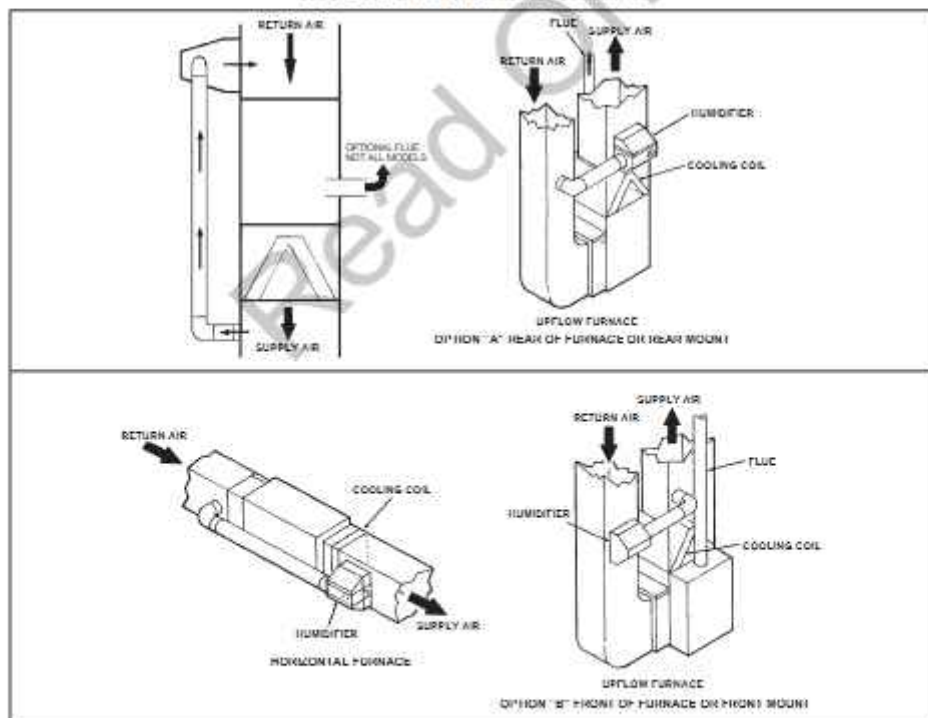
AHUMD200ABM00B SMALL BYPASS HUMIDIFIER



Humidifiers Fan Powered and Bypass



SUGGESTED BYPASS HUMIDIFIER LOCATIONS



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



EVENQF130V1NAAA

EnviroWise™ QF130V Inline Ventilator

EVENQF130V

- Full ECM motor, adjustable airflow from 40 to 130 cfm
- Programmable to prevent temperature and humidity extremes
- Includes MERV 8 filter for improved indoor air quality
- Quiet fan (4 – 1.5 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 brackets

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	16.75 x 12.75 x 23	18

Table IAQ-11-B — Accessories

Model Number	Description	Dimensions - "W"x"D"x"H"	Weight (lbs)
E1650034	Heater Model EDH400	14.5 x 14 x 10.25	8.25
E1650020	Heater Model EDH500	14.5 x 14 x 10.25	8.25
E1650026	6" Motorized Damper	6.3 x 9.45 x 10.63	4.5
E1650001	6" Screened Wall Cap	8 x 9 x 17	3
E1650123	2 Pack 16x10x2 Filter	10 x 10 x 4	0.95



EDHUM70V1H1MDA

EnviroWise™ QF70V Inline Ventilator

EDHUM70V

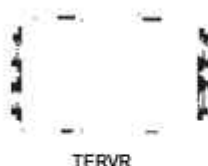
- 62.2 Compliant Ventilation with Dehumidification Control
- Controls mechanical ventilation for humid climates, especially Climate Zones 1, 2, and 3
- Automatically turns on compressor when entering air is above enthalpy set-point based on climate setting using on-board sensor
- Ventilation up to 125 cfm – sufficient for a 4BR, 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 Nexia (trademark) enabled Thermostats to control ventilation or dehumidification
- Up to 70 pints/per day for dehumidification or up to 30 grains of moisture/lb. 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	55
		12 x 12 x 22 without Collars	54

Table IAQ-11-D — Accessories

Model Number	Description	Dimensions - "W"x"D"x"H"	Efficiency (Rating)
E4037861	6" Motorized Damper		
E4037863	6" Gravity Damper (70)		
E4037869	Hang Kit, Small (70 & 98)		
E4037874	Filter Case (qty 4)	9"x11"x1"	MERV 11 (70)
E4037887	MERV 14 Filter Housing		
E4037891	Filter Case (qty 3)	20" X 24" X 4"	MERV 14 (Filter Housing)
E4037901	Condensate Pump Kit (70)		
E4037907	6" Inlet Hood		
E4037881	Filter Case (qty 12)	9"x11"x1"	MERV 11 (70)
E4037893	D30 Control		
E4037897	D30R Control w/ Remote		



TERVV

Energy Recovery Ventilator (ERV)

- American Standard ERV technology for all seasons and climates
- Static plate energy transfer core for efficient transfer of heat and moisture
- Passive draftstop - 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 quick service access
- Heavy gauge, powder painted steel cabinet
- Permanently lubricated motor bearings (ball bearings)
- 8" and 8" double collar duct connections for TERVR100 and 200
- 8" round compatible duct connection for TERVR300
- Closed cell foam gasketing for insulation integrity
- 1" duct board insulation with cleanable foil face
- May be installed in conditioned and unconditioned spaces
- Cabinet / Door color: American Standard Polyslate Gray
- Based 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	Unrated Dimensions (in.) H x W x D	Shipping Weight
TERVR100A1P00B(0)	130	120V/60	20 1/4" x 28 1/2" x 13"	65
TERVR200A1P00B(0)	200	120V/60	20 1/4" x 28 1/2" x 23 1/4"	85
TERVR300A1P00B(0)	300	120V/60	20 1/4" x 28 1/2" x 23 1/4"	95

(0) Percent Timer Control included with the ERV.

Table IAQ-12-B — Specifications: ERV

Model Number	Sensible Recovery Effectiveness (32°F)	Latent Recovery (32°F)	Total Recovery (32°F)
TERVR100A1P00B	72% @ 124 cfm	55% @ 124 cfm	48% @ 125 cfm
TERVR200A1P00B	78% @ 181 cfm	62% @ 181 cfm	52% @ 180 cfm
TERVR300A1P00B	70% @ 295 cfm	51% @ 295 cfm	43% @ 295 cfm

Table IAQ-12-C — Optional Accessories

Model Number	Description	Used With	Shipping Weight
TCONTV10AFBCDA	Point of Use Push Button Control	ERV models 100, 200, 300	1
FLR08S18	Filters - 2 per pack	ERV models 100	1
FLR08S19	Filters - 2 per pack	ERV models 200, 300	1
BAYVHT10AVENTA(0)	6 inch White Vinyl Ventilation Hood	ERV models 100, 200	1
BAYBRN10AVENTA(0)	6 inch Brown Vinyl Ventilation Hood	ERV models 100, 200	1
BAYGLY10AVENTA(0)	6 inch Galvalume Ventilation Hood	ERV models 300	2

(0) Qty 1.


GOLD 824
ACONT824A S52DA


Conventional 24 Volt Connected Controls

ACONT824A S52DA

- Nexia™ Z-Wave Bridge Inside
- Connect over 200 Z-Wave devices (00)
- WiFi or Ethernet connection
- Control from a smartphone, tablet, or computer (00)
- 4.3" Color touchscreen
- 7 Day programmable with up to four schedules per day
- Five day weather forecast, weather radar, and weather alerts (0)
- 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 (0)
- Over-the-air software upgrade (0)
- 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): ZSENS930AW00MA
- Remote wired outdoor temperature sensor (optional): BAYSEN01ATEMPA
- PWM Circuit (BK terminal): controls indoor unit variable speed blower
- Wall cover plate BAYCOVER800A

Dimensions:

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


SILVER 724
ACONT724A S42DA


ACONT724A S42DA (0)

- Nexia™ compatible (00)
- WiFi connectivity
- Control from a smartphone, tablet, or computer (00)
- 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 BAYCOVER800A
- Nexia™ Bridge is required for control of Z-Wave devices and remote climate access. The Nexia™ Bridge is purchased separately. (00)

Dimensions:

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

- (0) Requires internet service and Nexia™ smart home system registration.
- (00) 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.
- (01) Available 2018



SILVER 624
ACONT624AS42DA



ACONT624AS42DA

- Nexia™ compatible
- Z-wave connectivity
- Control from a smartphone, tablet, or computer (optional)
- 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. 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.

Dimensions:

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

Read Only



PLATINUM 1050
 AZON1050AC52ZA



AccuLink™ Communicating Connected Controls

AZON1050AC52ZA

- Nexia™ Z-Wave Bridge Inside
- Connect over 200 Z-Wave devices (00)
- Nexia™ Diagnostics (0)
- WiFi or Ethernet connection
- Control from a smartphone, tablet, or computer (00)
- 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 (0)
- Indoor relative humidity display
- Test modes and alert diagnostics
- Over-the-air Software Upgrade (0)
- 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) ZSENSAL0400AA
- Remote wireless indoor temperature and humidity sensor (optional): ZSENS930AW00MA
- 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



AccuLink™ Communicating Connected Controls

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

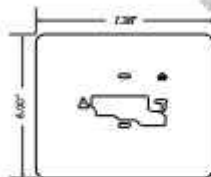
Application:

- 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) ZZSENSALD400AA
- Remote wireless indoor temperature and humidity sensor (optional): ZSENS930AW00MA
- 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

Wall Cover Plate



BAYCOVR800A

BAYCOVR800A

Application:

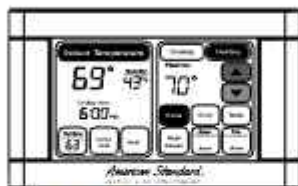
- Use with
ACONT824AS42DA,
ACONT724AS42DA,
ACONT824AS52DA,
ACONT850AC52UA

Dimensions:

- Product: 7.38" w x 6.00" h
- Finish: Silver

⁽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.
 Effective 1/1/18

Zoning Communicating Sensor with Display


AZONE940AC52ZA
AZONE940AC52ZA

- Compatible with AccuLink™ Zoning Systems
- 3-Wire Communicating Zone Sensor
- 4.5" backlit 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:

- 5.5" 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



BAY24VRPAC52DC

Conventional 24 Volt HVAC System Interface Relay Panel for AccuLink™ Controls

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:

- 8.6" width x 9.3" height x 1.9" depth

Storage Temperature:

- -40° to 175°F, 5% - 95% RH
non-condensing

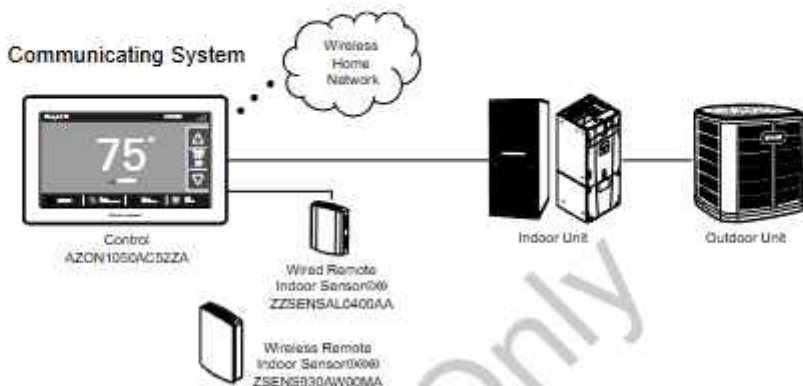
Operating Temperature:

- -40° to 150°F, 5% - 95% RH
non-condensing

Read Only

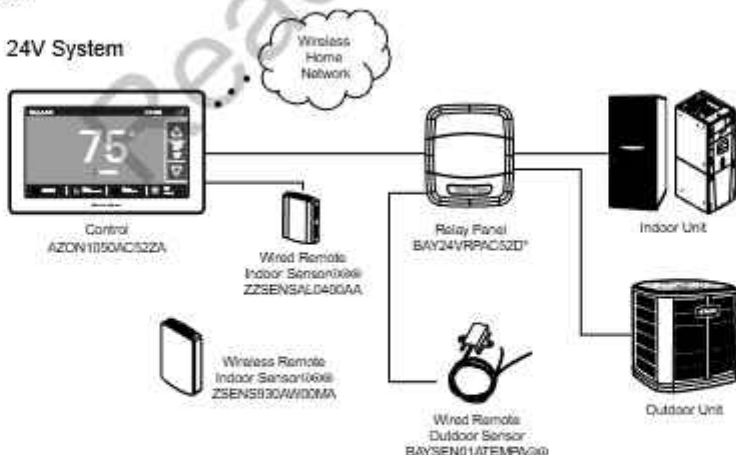
AccuLink™ Platinum 1050 Control Component Overview

Communicating System



24V System

24V System



- ① Optional Accessory
- ② Can alternatively be connected to the Relay Panel
- ③ Can alternatively be connected to the 1050 Control
- ④ Z-wave sensor may be added to 1050 built in bridge
- ⑤ 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.

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)



ZZONEEXPAC52ZA

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

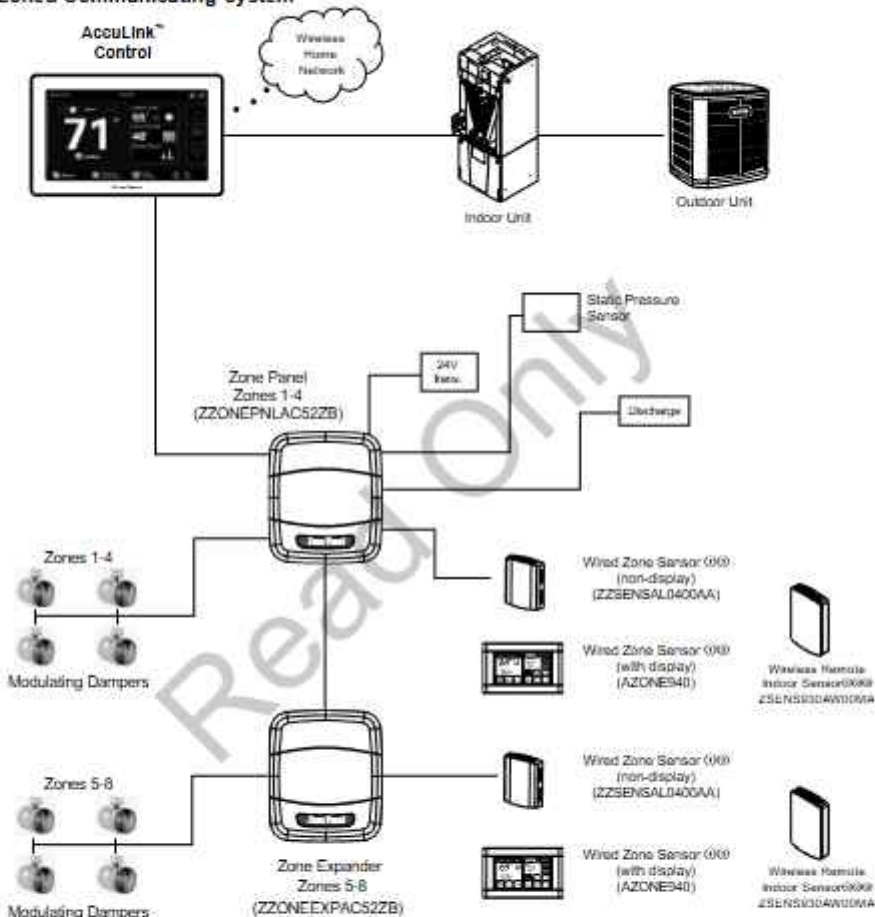
Operating Temperature:

- -40° to 150°F, 5% to 95% RH non-condensing

*This is the same Zone Panel that ships as part of the Zoning Assembly

AccuLink™ Zoning Component Overview

Zoned Communicating System



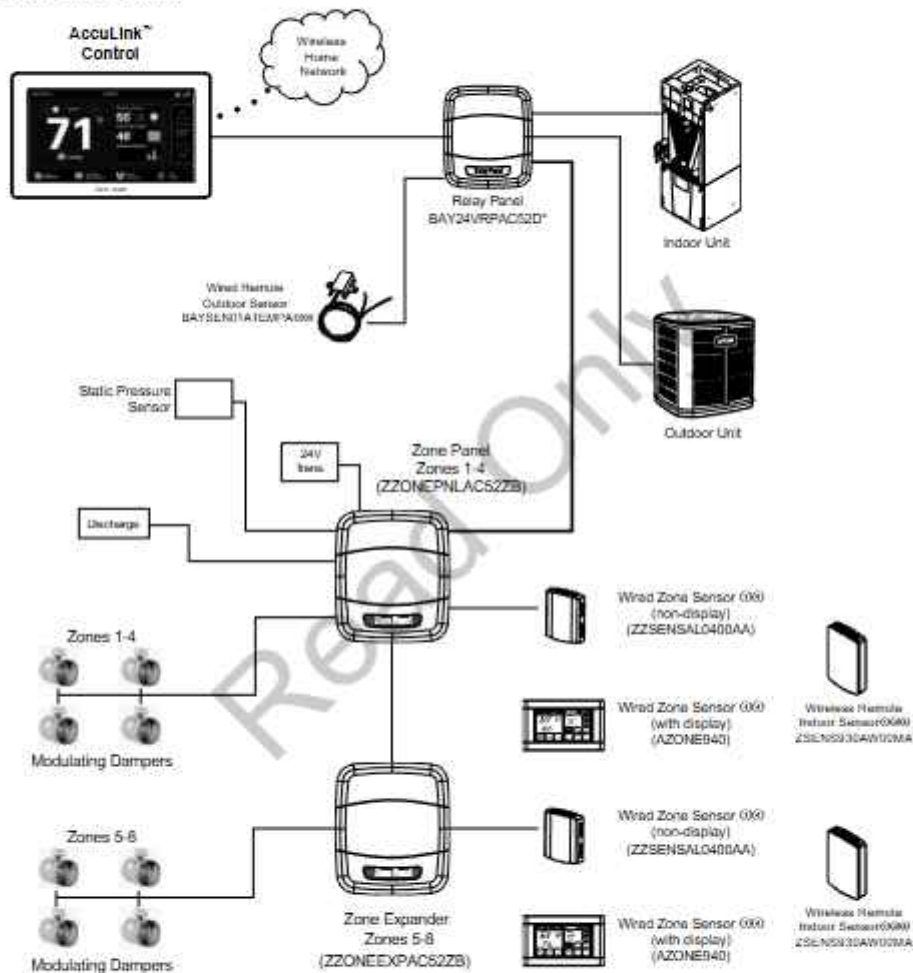
① Up to four of the following zone sensor options, one per zone, may be installed per zone panel or zone expander: AZONE940, ZZSENSAL0400, or ZSENS000.

② Z-sense sensor may be added to 1050 built-in bridge.

③ Use one wireless or wired sensor per zone.

AccuLink™ Zoning Component Overview (Cont.)

Zoned 24V System



(1) Up to four of the following zone sensor options, one per zone, may be installed per zone panel or zone expander: AZONE940, ZZSENSAL0400, or ZSENS9330.

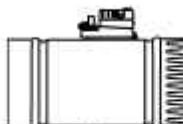
(2) Can alternatively be connected to the Relay Panel.

(3) Z-wave sensor may be added to 1500 built-in bridge.

(4) 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.

24 Volt Modulating Dampers



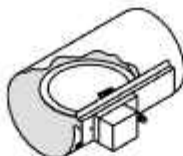
Round Dampers

Round Dampers

- 24 VAC Powered open/Powered closed
- Three wire connection - 18 gauge
- 1.5 VA damper actuator with 60 second travel time
- 18 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
ZDAMPROMA0004A	24 VAC	Round	4"
ZDAMPROMA0006A	24 VAC	Round	6"
ZDAMPROMA0007A	24 VAC	Round	7"
ZDAMPROMA0008A	24 VAC	Round	8"
ZDAMPROMA0009A	24 VAC	Round	9"
ZDAMPROMA0010A	24 VAC	Round	10"
ZDAMPROMA0012A	24 VAC	Round	12"
ZDAMPROMA0014A	24 VAC	Round	14"
ZDAMPROMA0016A	24 VAC	Round	16"
ZDAMPROMA0018A	24 VAC	Round	18"
ZDAMPROMA0020A	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
- 18 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
ZDAMPRRMA0004A	24 VAC	Retrofit Round	4"
ZDAMPRRMA0005A	24 VAC	Retrofit Round	5"
ZDAMPRRMA0006A	24 VAC	Retrofit Round	6"
ZDAMPRRMA0007A	24 VAC	Retrofit Round	7"
ZDAMPRRMA0008A	24 VAC	Retrofit Round	8"
ZDAMPRRMA0009A	24 VAC	Retrofit Round	9"
ZDAMPRRMA0010A	24 VAC	Retrofit Round	10"

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
- 1.5 VA damper actuator with 60 second travel time
- 18 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***MMA**1012A will have the motor mounted on the 12" dimension

Table CCZS-12-A — Specifications: Rectangular Dampers with Side Mount Actuator

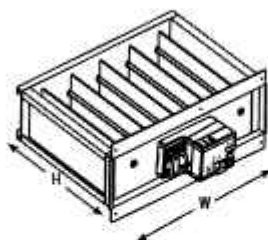
Model Number	Power Supply	Description	Unrated Dimensions (in.)	
			W	H
ZDAMP* MMA 0806A	24 VAC	Rectangular-Side Mount Actuator	8	6
ZDAMP* MMA 0808A	24 VAC	Rectangular-Side Mount Actuator	8	8
ZDAMP* MMA 1006A	24 VAC	Rectangular-Side Mount Actuator	10	6
ZDAMP* MMA 1008A	24 VAC	Rectangular-Side Mount Actuator	10	8
ZDAMP* MMA 1010A	24 VAC	Rectangular-Side Mount Actuator	10	10
ZDAMP* MMA 1206A	24 VAC	Rectangular-Side Mount Actuator	12	6
ZDAMP* MMA 1208A	24 VAC	Rectangular-Side Mount Actuator	12	8
ZDAMP* MMA 1210A	24 VAC	Rectangular-Side Mount Actuator	12	10
ZDAMP* MMA 1212A	24 VAC	Rectangular-Side Mount Actuator	12	12
ZDAMP* MMA 1406A	24 VAC	Rectangular-Side Mount Actuator	14	6
ZDAMP* MMA 1408A	24 VAC	Rectangular-Side Mount Actuator	14	8
ZDAMP* MMA 1410A	24 VAC	Rectangular-Side Mount Actuator	14	10
ZDAMP* MMA 1412A	24 VAC	Rectangular-Side Mount Actuator	14	12
ZDAMP* MMA 1414A	24 VAC	Rectangular-Side Mount Actuator	14	14
ZDAMP* MMA 1606A	24 VAC	Rectangular-Side Mount Actuator	16	6
ZDAMP* MMA 1608A	24 VAC	Rectangular-Side Mount Actuator	16	8
ZDAMP* MMA 1610A	24 VAC	Rectangular-Side Mount Actuator	16	10
ZDAMP* MMA 1612A	24 VAC	Rectangular-Side Mount Actuator	16	12
ZDAMP* MMA 1814A	24 VAC	Rectangular-Side Mount Actuator	18	14
ZDAMP* MMA 1616A	24 VAC	Rectangular-Side Mount Actuator	16	16
ZDAMP* MMA 1806A	24 VAC	Rectangular-Side Mount Actuator	18	6
ZDAMP* MMA 1808A	24 VAC	Rectangular-Side Mount Actuator	18	8
ZDAMP* MMA 1810A	24 VAC	Rectangular-Side Mount Actuator	18	10
ZDAMP* MMA 1812A	24 VAC	Rectangular-Side Mount Actuator	18	12
ZDAMP* MMA 1814A	24 VAC	Rectangular-Side Mount Actuator	18	14
ZDAMP* MMA 1816A	24 VAC	Rectangular-Side Mount Actuator	18	16
ZDAMP* MMA 1818A	24 VAC	Rectangular-Side Mount Actuator	18	18
ZDAMP* MMA 2006A	24 VAC	Rectangular-Side Mount Actuator	20	6
ZDAMP* MMA 2008A	24 VAC	Rectangular-Side Mount Actuator	20	8
ZDAMP* MMA 2010A	24 VAC	Rectangular-Side Mount Actuator	20	10
ZDAMP* MMA 2012A	24 VAC	Rectangular-Side Mount Actuator	20	12
ZDAMP* MMA 2014A	24 VAC	Rectangular-Side Mount Actuator	20	14
ZDAMP* MMA 2016A	24 VAC	Rectangular-Side Mount Actuator	20	16
ZDAMP* MMA 2018A	24 VAC	Rectangular-Side Mount Actuator	20	18
ZDAMP* MMA 2020A	24 VAC	Rectangular-Side Mount Actuator	20	20

24 Volt Modulating Dampers -
Side Mount

Table CCZS-13-A — Specifications: Rectangular Dampers with Side Mount Actuator (continued)

Model Number	Power Supply	Description	Unframed 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
ZDAMPSMMA2626A	24 VAC	Rectangular-Side Mount Actuator	26	26
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
ZDAMPSMMA2826A	24 VAC	Rectangular-Side Mount Actuator	28	26
ZDAMPSMMA2828A	24 VAC	Rectangular-Side Mount Actuator	28	28
ZDAMPSMMA3006A	24 VAC	Rectangular-Side Mount Actuator	28	6
ZDAMPSMMA3008A	24 VAC	Rectangular-Side Mount Actuator	28	8
ZDAMPSMMA3010A	24 VAC	Rectangular-Side Mount Actuator	28	10
ZDAMPSMMA3012A	24 VAC	Rectangular-Side Mount Actuator	28	12
ZDAMPSMMA3014A	24 VAC	Rectangular-Side Mount Actuator	28	14
ZDAMPSMMA3016A	24 VAC	Rectangular-Side Mount Actuator	28	16
ZDAMPSMMA3018A	24 VAC	Rectangular-Side Mount Actuator	28	18
ZDAMPSMMA3020A	24 VAC	Rectangular-Side Mount Actuator	28	20
ZDAMPSMMA3022A	24 VAC	Rectangular-Side Mount Actuator	28	22
ZDAMPSMMA3024A	24 VAC	Rectangular-Side Mount Actuator	28	24
ZDAMPSMMA3026A	24 VAC	Rectangular-Side Mount Actuator	28	26
ZDAMPSMMA3028A	24 VAC	Rectangular-Side Mount Actuator	28	28
ZDAMPSMMA3030A	24 VAC	Rectangular-Side Mount Actuator	28	30

24 Volt Modulating Dampers - Bottom Mount



Rectangular Dampers with Bottom Mount Actuator

Rectangular Dampers with Bottom Mount Actuator

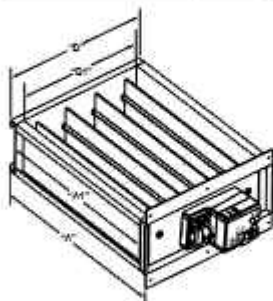
- 24 VAC Powered open/Powered closed
- Three wire connection - 18 gauge
- 1.5 VA damper actuator with 60 second travel time
- 18 in. lbs. of torque
- Manual force release
- Screw terminal blocks
- 97% leak proof rating
- Sturdy aluminum blades and frame
- Motor is always located on the second dimension of the model number, i.e. ZDAMPBMMMA1012A 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	Uncracked Dimensions (in.)	
			H	W
ZDAMPBMMMA0810A	24 VAC	Rectangular-Bottom Mount Actuator	8	10
ZDAMPBMMMA0812A	24 VAC	Rectangular-Bottom Mount Actuator	8	12
ZDAMPBMMMA0814A	24 VAC	Rectangular-Bottom Mount Actuator	8	14
ZDAMPBMMMA0816A	24 VAC	Rectangular-Bottom Mount Actuator	8	16
ZDAMPBMMMA0818A	24 VAC	Rectangular-Bottom Mount Actuator	8	18
ZDAMPBMMMA0820A	24 VAC	Rectangular-Bottom Mount Actuator	8	20
ZDAMPBMMMA0822A	24 VAC	Rectangular-Bottom Mount Actuator	8	22
ZDAMPBMMMA0824A	24 VAC	Rectangular-Bottom Mount Actuator	8	24
ZDAMPBMMMA0826A	24 VAC	Rectangular-Bottom Mount Actuator	8	26
ZDAMPBMMMA0828A	24 VAC	Rectangular-Bottom Mount Actuator	8	28
ZDAMPBMMMA0830A	24 VAC	Rectangular-Bottom Mount Actuator	8	30
ZDAMPBMMMA1012A	24 VAC	Rectangular-Bottom Mount Actuator	10	12
ZDAMPBMMMA1014A	24 VAC	Rectangular-Bottom Mount Actuator	10	14
ZDAMPBMMMA1016A	24 VAC	Rectangular-Bottom Mount Actuator	10	16
ZDAMPBMMMA1018A	24 VAC	Rectangular-Bottom Mount Actuator	10	18
ZDAMPBMMMA1020A	24 VAC	Rectangular-Bottom Mount Actuator	10	20
ZDAMPBMMMA1022A	24 VAC	Rectangular-Bottom Mount Actuator	10	22
ZDAMPBMMMA1024A	24 VAC	Rectangular-Bottom Mount Actuator	10	24
ZDAMPBMMMA1026A	24 VAC	Rectangular-Bottom Mount Actuator	10	26
ZDAMPBMMMA1028A	24 VAC	Rectangular-Bottom Mount Actuator	10	28
ZDAMPBMMMA1030A	24 VAC	Rectangular-Bottom Mount Actuator	10	30
ZDAMPBMMMA1214A	24 VAC	Rectangular-Bottom Mount Actuator	12	14
ZDAMPBMMMA1216A	24 VAC	Rectangular-Bottom Mount Actuator	12	16
ZDAMPBMMMA1218A	24 VAC	Rectangular-Bottom Mount Actuator	12	18
ZDAMPBMMMA1220A	24 VAC	Rectangular-Bottom Mount Actuator	12	20
ZDAMPBMMMA1222A	24 VAC	Rectangular-Bottom Mount Actuator	12	22
ZDAMPBMMMA1224A	24 VAC	Rectangular-Bottom Mount Actuator	12	24
ZDAMPBMMMA1226A	24 VAC	Rectangular-Bottom Mount Actuator	12	26
ZDAMPBMMMA1228A	24 VAC	Rectangular-Bottom Mount Actuator	12	28
ZDAMPBMMMA1230A	24 VAC	Rectangular-Bottom Mount Actuator	12	30
ZDAMPBMMMA1416A	24 VAC	Rectangular-Bottom Mount Actuator	14	16
ZDAMPBMMMA1418A	24 VAC	Rectangular-Bottom Mount Actuator	14	18
ZDAMPBMMMA1420A	24 VAC	Rectangular-Bottom Mount Actuator	14	20
ZDAMPBMMMA1422A	24 VAC	Rectangular-Bottom Mount Actuator	14	22
ZDAMPBMMMA1424A	24 VAC	Rectangular-Bottom Mount Actuator	14	24
ZDAMPBMMMA1426A	24 VAC	Rectangular-Bottom Mount Actuator	14	26
ZDAMPBMMMA1428A	24 VAC	Rectangular-Bottom Mount Actuator	14	28
ZDAMPBMMMA1430A	24 VAC	Rectangular-Bottom Mount Actuator	14	30
ZDAMPBMMMA1618A	24 VAC	Rectangular-Bottom Mount Actuator	16	18
ZDAMPBMMMA1620A	24 VAC	Rectangular-Bottom Mount Actuator	16	20
ZDAMPBMMMA1622A	24 VAC	Rectangular-Bottom Mount Actuator	16	22
ZDAMPBMMMA1624A	24 VAC	Rectangular-Bottom Mount Actuator	16	24
ZDAMPBMMMA1626A	24 VAC	Rectangular-Bottom Mount Actuator	16	26
ZDAMPBMMMA1628A	24 VAC	Rectangular-Bottom Mount Actuator	16	28
ZDAMPBMMMA1630A	24 VAC	Rectangular-Bottom Mount Actuator	16	30
ZDAMPBMMMA1820A	24 VAC	Rectangular-Bottom Mount Actuator	18	20
ZDAMPBMMMA1822A	24 VAC	Rectangular-Bottom Mount Actuator	18	22
ZDAMPBMMMA1824A	24 VAC	Rectangular-Bottom Mount Actuator	18	24
ZDAMPBMMMA1826A	24 VAC	Rectangular-Bottom Mount Actuator	18	26
ZDAMPBMMMA2022A	24 VAC	Rectangular-Bottom Mount Actuator	20	22
ZDAMPBMMMA2024A	24 VAC	Rectangular-Bottom Mount Actuator	20	24

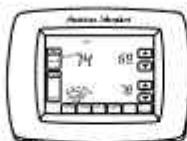
24 Volt Modulating Dampers

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
			7.813	9.813	11.813	13.813	15.813	17.813	19.813	21.813	23.813	25.813	27.813	29.813	
Wide	A	A1	5.813	7.813	9.813	11.813	13.813	15.813	17.813	19.813	21.813	23.813	25.813	27.813	Act. Inside Size D1
			3	3	4	5	6	7	7	8	9	10	11	11	
Net Free Area															
8	5.812	4.313	13.5	26.1	34.9	41.5	48.8	55.1	61.8	70.5	77.3	84.0	90.8	99.4	
8	7.812	6.313	26.5	41.1	51.0	60.9	70.8	80.7	93.3	103.2	113.1	123.0	132.9	145.5	
10	8.812	7.313	37.5	54.2	67.2	80.2	93.2	106.3	122.3	135.9	148.9	162.0	175.0	191.6	
12	11.812	10.313	46.5	67.2	83.3	99.5	115.8	131.8	152.5	166.5	184.5	200.9	217.1	237.7	
14	13.812	12.313	55.8	80.2	99.5	118.8	138.1	157.4	182.0	201.3	220.8	239.9	259.2	283.8	
16	15.812	14.313	64.8	93.2	115.7	138.1	160.5	183.0	211.6	234.0	256.4	278.9	301.3	329.9	
18	17.812	16.313	73.8	108.5	131.8	157.4	183.0	208.5	241.1	266.7	292.3	317.8	343.4	376.0	
20	19.812	18.313	82.7	119.3	148.0	176.7	205.4	234.1	270.7	299.4	328.1	356.8	385.5	422.1	
22	21.812	20.313	91.7	132.3	164.2	194.5	227.8	259.8	300.3	332.1	363.8	395.8	427.8	468.2	
24	23.812	22.313	100.7	145.4	180.9	218.5	250.2	285.2	329.5	364.8	399.8	435.2	469.7	514.3	
26	25.812	24.313	109.8	158.4	198.5	254.8	272.7	310.8	359.4	397.5	435.8	473.7	511.8	560.4	
28	27.812	26.313	118.8	171.4	212.6	263.9	295.1	336.3	389.0	430.2	471.4	512.7	553.8	605.9	
30	29.812	28.313	127.8	184.4	228.8	273.2	317.5	361.8	418.5	462.9	507.3	551.8	596.0	652.6	

Programmable 7 Day Comfort Controls



ACONT800A

ACONT800A S11AA

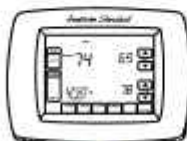
- Interactive Touchscreen
- Effortless Programming
- Large, Backlit Display
- Streamlined Design
- Armchair Programming
- Real Time Clock
- Visual Reminder Cues
- BAYCOVR600A - Wall cover plate
- Energy Saver

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 1.35" d
- Finish: Bright White



ACONT802A

ACONT802A S32DA

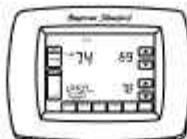
- Interactive Touchscreen
- Effortless Programming
- Large, Backlit Display
- Streamlined Design
- Armchair Programming
- Real Time Clock
- Visual Reminder Cues
- BAYCOVR600A - Wall cover plate
- Energy Saver

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 1.35" d
- Finish: Bright White



ACONT803A

ACONT803A S32DA

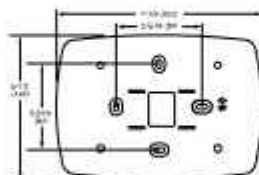
- Built-in Humidity Sensor
- Dehumidification Control
- Interactive Touchscreen
- Effortless Programming
- Large, Backlit Display
- Streamlined Design
- Armchair Programming
- Real Time Clock
- Visual Reminder Cues
- BAYCOVR600A - Wall cover plate
- Energy Saver

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 1.35" d
- Finish: Bright White



BAYCOVR600A

BAYCOVR600A

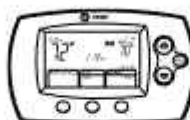
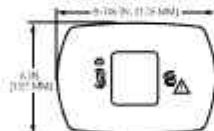
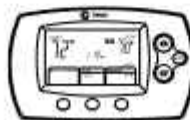
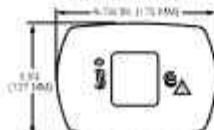
Application:

- Use with ACONT800/900A Series Comfort Controls

Dimensions:

- 7.87" w x 5.50" h
- Finish: Bright White

Programmable 5/2 Day Comfort Controls

**ACONT600A**MEDIUM COVER PLATE
BAYCOVR700A**ACONT602A**MEDIUM COVER PLATE
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
- 8.87" w x 5.0" h

Finish: Bright White

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
- 8.87" 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

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



ACONT402A



ACONT401A



ACONT200A

Non-Programmable Comfort Controls

ACONT402AN32DA

Auto Changeover
 Backlit Display & Keys
 Comfort Information Compartment
 Energy Savings Mode
 Filter Reminder
 BAYSEN01ATEMPAA Outdoor
 Temperature Sensor included*

Keypad Lock

Application (3-9 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

ZZSENSAL0400AA - 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

ACONT401AN21MA

Auto Changeover
 Backlit Display & Keys
 Comfort Information Compartment
 Energy Savings Mode
 Filter Reminder
 Outdoor Temperature Sensor
 Keypad Lock

Application (3-9 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 TAYPLUS103A required for dual fuel applications.

BAYSEN01ATEMPA required for outdoor temperature sensing and display

ACONT200AN11AA (1)

Auto Changeover
 Backlit Display & Keys
 Comfort Information Compartment
 Energy Savings Mode
 Filter Reminder
 Key Pad Lock

Application (4 wire hookup - power
 stealing)*

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 1.20" d

(1) Power Stealing 4 Wire - Heatster terminal in Box. 4 - wire system to supply power with heating mode; both heatsters must be installed for proper operation.

Remote Sensors



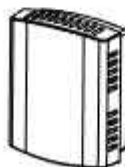
BAY SEN02ATEMPA

- Outdoor Temperature Sensor for use with ACONT800, 802, 803
- Accuracy $\pm 1^\circ\text{F}$ from -40 to 120°F



BAY SEN01ATEMPA

- Outdoor Temperature Sensor for use with AZON1050AC, AZONE950AC, ACONT850AC, ACONT824AS, ACONT824AS, ACONT402AN, ACONT401AN, BAY24VRPAC52D*
- Accuracy $\pm 1.5^\circ\text{F}$ over 32°F to 100°F
- Display Range -40°F to 140°F

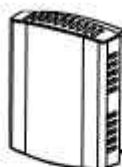


ZZ SEN SAL0400AA

- 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: $\pm 1.5^\circ\text{F}$ 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 (16)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: $\pm 1.5^\circ\text{F}$ at 70°F ($\pm .84$ 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: $\pm 1.1^\circ\text{F}$ over the sensing range of 32°F to 120°F (0° to 48.9°C)
- Operating Relative Humidity: 10% to 90% non-condensing

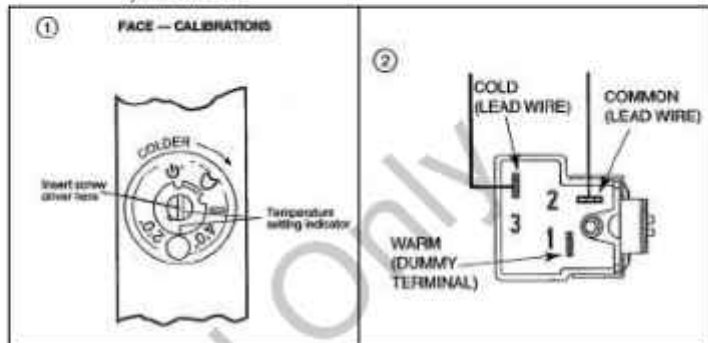
Dimensions in in. (mm):

- 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

Outdoor Thermostat Kit

TAY STAT250B

- 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.



Packaged Cooling Convertible 2-5 Tons



4TCY5

Table PK-1-A — 4TCY5 - Gold 15 - Convertible Packaged Cooling - R-410A

Model Number	Cooling Capacity (Btu/h)	SEER/EER	Shipping Weight	MCA	Max Fuse	Sound Rating	Uncoated Dimensions (in.) H x D x W
4TCY5 — 208-230/1/50							
4TCY5024A1000A	23,800	15.00/12.00	388	18.4	25	65	36 x 42 x 49
4TCY5030A1000A	28,400	15.00/12.00	418	21.2	30	70	36 x 42 x 49
4TCY5036A1000A	35,000	15.00/12.00	422	23.8	35	69	38 x 42 x 49
4TCY5042A1000A	40,500	15.00/12.00	547	28.6	45	71	38 x 45 x 59
4TCY5048A1000A	48,000	15.00/12.00	570	34.2	50	71	42 x 45 x 59
4TCY5060A1000A	57,500	15.00/11.40	582	44.4	60	73	42 x 45 x 59



4TCY4
 (3-phase only)

Table PK-1-B — 4TCY4 - Gold 14 - Convertible Packaged Cooling - R-410A

Model Number	Cooling Capacity (Btu/h)	SEER/EER	Shipping Weight	MCA	Max Fuse	Sound Rating	Uncoated Dimensions (in.) H x D x W
4TCY4 — 208-230/3/50							
4TCY4036B3000A	36,000	14.30/12.00	450	19.8	30	69	38 x 42 x 49
4TCY4048B3000A	48,000	14.30/11.90	607	26.4	40	72	38 x 45 x 59
4TCY4060A3000B	60,000	14.30/12.00	612	30.6	45	76	42 x 45 x 59



4TCC4

Table PK-1-C — 4TCC4 - Silver 14 - Convertible Packaged Cooling - R-410A

Model Number	Cooling Capacity (Btu/h)	SEER/EER	Shipping Weight	MCA	Max Fuse	Sound Rating	Cabinet Dimensions (in.) H x D x W
4TCC4 — 208-230/1/50							
4TCC4024A1000A	24,600	14.00/12.00	432	19.1	30	67	36 x 42 x 49
4TCC4030A1000A	28,200	14.00/12.00	451	22.6	35	69	36 x 42 x 49
4TCC4036A1000A	37,000	14.00/12.00	453	24.5	40	69	38 x 42 x 49
4TCC4042A1000A	40,500	14.00/12.00	561	28.5	45	75	36 x 45 x 59
4TCC4048A1000A	48,500	14.00/11.50	567	32.0	50	73	40 x 45 x 59
4TCC4060A1000A	58,000	14.00/11.50	586	39.1	60	73	40 x 45 x 59

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 Cooling
 Convertible 2-5 Tons**

Table PK-2-A — Features

	4TCY5 2-5	4TCY4 3-5	4TCC4 2-5
• SEER up to.....	15.00	14.25	14.00
• Exclusive Duration™ high efficiency compressor with internal overload protection.....	✓	✓	✓
• Factory supplied charge.....	R-410A	R-410A	R-410A
• Composite Vortice® 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.....	—	—	—
• Polystyrene gray cabinet.....	✓	✓	✓
• Single stage cooling.....	2-3½	✓	✓
• Two stage cooling.....	4, 5	—	—
• High pressure cutout.....	✓	✓	✓
• Low pressure cutout.....	✓	✓	✓
• Liquid line drier - factory installed.....	✓	✓	✓
• Non-bleed expansion valves on indoor coil.....	✓	✓	✓
• 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 basepan features deep drawn duct connections.....	✓	✓	✓
• Steeply sloped composite drainpan.....	✓	✓	✓
• 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)†	✓	✓	✓
• Extended warranties available	✓	✓	✓

†† Registered Limited Warranty terms are available when you register within 90 days of installation. You can register online at americanstandard.com or by phone at 800-354-8026; otherwise American Standard Heating & Air Conditioning's Basic Limited Warranty terms will apply. See Limited Warranty information on specific products can be found on ASDquarter.com.

* Constant torque ECM (electronically commutated motor).

™ Constant airflow ECM (electronically commutated motor).

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 Installer
 Guides and Limited Warranty Handbooks.

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	2-3	2-3
BAYACCDOR2A	Hinged Filter Access Door(9)		3 1/4-5	3 1/4-5	3 1/4-5
BAYACEADP1A	Adapter Kit for installation of AccuClean™ and 5" Media Filter (Horizontal)(9)	10	2-3	3	2-3
BAYACEADP2A	Adapter Kit for installation of AccuClean™ and 5" Media Filter (Horizontal)(9)	12	3 1/4-5	3 1/4-5	3 1/4-5
BAYADAP060A	Adapter Curb (Cabinet A/B)		2-3	2-3	2-3
BAYADAP061A	Adapter Curb (Cabinet C)		2-3	2-3	2-3
BAYADAP062A	Adapter Curb (Cabinet A/B)		3 1/4-5	3 1/4-5	3 1/4-5
BAYADAP063A	Adapter Curb (Cabinet C)		3 1/4-5	3 1/4-5	3 1/4-5
BAYADAP064A	Adapter Curb (Cabinet D)		3 1/4-5	3 1/4-5	3 1/4-5
BAYASCT001	Anti-Short Cycle Timer(9)		✓	✓	—
BAYCCHT102A	Crankcase Heater (230V) (Scroll)		3 1/4-5	3 1/4-5	3 1/4-5
BAYCCHT103A	Crankcase Heater (230V) (Scroll)		2-3	3	2-3
BAYCOVR112A	12" Duct Shroud (Govers Horizontal Ducts)(9)		2-5	2-5	2-5
BAYCOVR118A	18" Duct Shroud (Govers Horizontal Ducts)(9)		2-5	2-5	2-5
BAYCURB050A	Flat Roof Full Perimeter Curb (Insulated)	74	2-3	3	2-3
BAYCURB051A	Flat Roof Full Perimeter Curb (Insulated)	74	3 1/4-5	3 1/4-5	3 1/4-5
BAYDMFR101A	2-Position Motorized Fresh Air Damper(9)(9)(9)(9)		2-3	2-3	2-3
BAYDMFR102A	2-Position Motorized Fresh Air Damper(9)(9)(9)(9)		3 1/4-5	3 1/4-5	3 1/4-5
BAYECCN101A	Economizer with Barometric Relief (Downflow)(9)(9)(9)(9)	50	2-3	2-3	2-3
BAYECCN102A	Economizer with Barometric Relief (Downflow)(9)(9)(9)(9)	65	3 1/4-5	3 1/4-5	3 1/4-5
BAYECCN104AB	Economizer with Barometric Relief (Downflow)(9)(9)(9)(9)	65	4-5	—	—
BAYECCN200A	Economizer (Horizontal)(9)(9)(9)	85	2-3	2-3	2-3
BAYECCN201A	Economizer (Horizontal)(9)(9)(9)	85	3 1/4-5	3 1/4-5	3 1/4-5
BAYECCN204A	Economizer (Horizontal)(9)(9)(9)	85	4-5	—	—
BAYENTH001A	Enthalpy Control Kit(9)	2	✓	✓	✓
BAYEXMK001A	Extreme Conditions Mounting Kit (Used on BAYCURB & BAYADAP)		✓	✓	✓
BAYEXMK002B	Extreme Conditions Mounting Kit (Used on BAYUTIL)		✓	✓	✓
BAYEXMK003A	Extreme Conditions Mounting Kit (Used on Sub Mounts)		✓	✓	✓
BAYFLTR101C	1-2" Filter Frame (requires one 18x25 filter which is not included) (9)	6	2-3	2-3	2-3
BAYFLTR201C	1-2" Filter Frame (requires one 18x20 and one 18x15 filter which are not included)(9)(9)	6	3 1/4-5	3 1/4-5	3 1/4-5
BAYLIFT002B	Lifting Lug Kit	5	✓	✓	✓
BAYLOAM011A	Evaporator Defrost Control Kit		✓	✓	✓
BAYLOAM105A	Low Ambient Control Kit	5	✓	✓	✓
BAYOSAH001A	Manual Fresh Air Damper(9)	6	2-3	2-3	2-3
BAYOSAH002A	Manual Fresh Air Damper(9)	8	3 1/4-5	3 1/4-5	3 1/4-5
BAYSTK300A	Start Kit		✓	✓	✓
BAYSQRD001A	16" Round Duct Adapter(9)	5	2-3	2-3	2-3
BAYSQRD002A	16" Round Duct Adapter(9)	3	2-5	2-5	2-5
BAYUTIL101B	Roof Curb Utility Extension Kit		2-3	2-3	2-3
BAYUTIL102B	Roof Curb Utility Extension Kit		3 1/4-5	3 1/4-5	3 1/4-5

(9) Must use filter frame when economizer/fresh air kit is used.

(9) Dry bulb control standard with economizer.

(9) 2-Stage cooling control required when using economizer.

(9) Do not use with electronic thermostats.

(9) BAYCOVR112, 115A will not cover BAYSQRD002A applications.

(9) Does not contain barometric relief.

(9) Max fresh air = 25%.

(9) For non-continuous fan gas-heating applications, the damper opens only when the O2 ambient is above 50%.

(9) It is the design/engineer/installer's responsibility to review product specifications and technical literature to ensure optimal performance and compliance to codes.

(9) Temperature of mixed air entering the heat exchanger is monitored and fresh air intake may be reduced under certain conditions.

(9) BAYACCDOR1A requires BAYFLTR101D & BAYACCDOR2A requires BAYLIFT002B. They are not backward compatible to BAYFLTR101D/2A.

(9) When using a BAYACCDOR2A, two 18x20 filters are required.

EXISTING CURB	NEW UNIT 4TCY4/6	USE BAYADAP06A
BAYCURB030, 38A	024-030	50
BAYCURB030, 38A	042-060	52
BAYCURB033A	024-030	51
BAYCURB033A	042-060	53
BAYCURB034A	042-060	54

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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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 (15.0/2.0 Sg.)	SEER/EER	HSPF AFUE(%)	Shipping Weight	MCA	Max Fuse	Sound Rating	Uncrated Dimensions (in.) H x D x W
4DCZ6-208-230/1/80									
4DCZ6036C1070A	36,000	45,000/57,000	16.00/12.20	8.30	81.0	488	24.3	35	70 38 x 42 x 40
4DCZ6048C1090A	47,500	58,000/73,000	16.00/12.00	8.50	81.0	655	24.2	35	72 42 x 45 x 50
4DCZ6060C1115A	57,000	75,000/93,000	15.00/11.50	8.30	81.0	676	42.0	60	74 42 x 45 x 50
4DCZ6-208-230/3/80									
4DCZ6036B3075A	36,000	48,400/60,000	16.00/12.20	8.30	79.5	488	19.7	30	70 38 x 42 x 40
4DCZ6048B3096A	47,500	62,000/77,000	16.00/12.00	8.50	80.0	655	25.2	35	72 42 x 45 x 50
4DCZ6060B3120A	57,000	77,600/96,000	15.00/11.50	8.30	80.0	676	30.0	45	74 42 x 45 x 50



4DCY4

Table PK-4-B — 4DCY4 - Gold 14 - Convertible Packaged Dual Fuel - R-410A

Model Number	Cooling Capacity (BTUH)	Gas Capacity Heating Output (15.0/2.0 Sg.)	SEER/EER	HSPF AFUE(%)	Shipping Weight	MCA	Max Fuse	Sound Rating	Uncrated Dimensions (in.) H x D x W
4DCY4-208-230/1/80									
4DCY4024C1060A	24,000	30,000/40,000	14.00/12.00	8.00	81.0	481	15.1	25	68 36 x 42 x 40
4DCY4030C1070A	30,000	45,000/57,000	14.25/12.00	8.00	81.0	481	19.1	30	70 38 x 42 x 40
4DCY4024D1060A	24,000	30,000/40,000	14.00/12.00	8.00	81.0	481	15.1	25	68 36 x 42 x 40
4DCY4030D1070A	30,000	45,000/57,000	14.25/12.00	8.00	81.0	481	19.1	30	70 38 x 42 x 40
4DCY4036C1070A	37,000	45,000/57,000	14.00/12.00	8.00	81.0	488	25.2	40	69 38 x 42 x 40
4DCY4042C1090A	43,000	58,000/73,000	14.00/12.00	8.00	81.0	653	30.8	45	74 38 x 45 x 50
4DCY4048C1090A	47,500	58,000/73,000	14.00/12.00	8.00	81.0	653	35.5	50	73 42 x 45 x 50
4DCY4060C1115A	58,000	75,000/93,000	14.00/12.00	8.00	81.0	676	39.9	60	75 42 x 45 x 50
4DCY4-208-230/3/80									
4DCY4036B3075A	36,000	48,400/60,000	14.00/11.40	8.00	79.5	488	19.8	30	69 38 x 42 x 40
4DCY4048B3096C	47,000	62,000/77,000	14.30/10.80	8.00	80.0	653	26.4	30	73 42 x 45 x 50
4DCY4060A3120C	57,500	77,500/96,000	14.00/11.50	8.00	80.0	676	30.8	60	75 42 x 45 x 50

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 Installer
 Guides and Limited Warranty Handbooks.

Packaged Hybrid/Dual Fuel Convertible 2-5 Tons

Table PK-5-A — Features

	4DCZ5 3-5	4DCY4 2-5
• SEER up to	16.00	14.25
• HSPF up to	8.50	8.00
• Exclusive Duration™ high efficiency compressor with internal overload protection	✓	✓
• Factory supplied charge	R-410A	R-410A
• Composite Vortice® 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	✓	✓
• Polyslate gray cabinet	✓	✓
• Stainless steel heat exchanger and burners	✓	✓
• Single stage heating & cooling	✓	✓
• Two stage heating & cooling	✓	✓
• 2-stage gas	✓	✓
• Start kit - factory installed (single phase only)	✓	2, 2½
• High pressure cutout	✓	✓
• Low pressure cutout	✓	✓
• Liquid line drier - factory installed	✓	✓
• Non-biased 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 basepan features deep drain duct connections	✓	✓
• Steeply sloped composite drainpan	✓	✓
• 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 coil, & 10-year all other functional parts registered limited warranty (Residential Use)(1)	✓	✓
• 20-year heat exchanger, 10-year compressor, 10-year coil, & 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 90 days of installation. You can register online at americanstandardhvac.com or by phone at 800-554-8005; otherwise American Standard Heating & Air Conditioning's Basic Limited Warranty terms will apply. See Limited Warranty information on specific products can be found on ASDcentral.com.

**Constant airflow ECM (electronically commutated motor)

For dimensional/outline drawings, please refer to Product Data.
 For information on Roof Curbs, please refer to the Accessories/Information Tab.

BUILT TO A HIGHER STANDARD:
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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	4DCZE 3-5	4DCY4 2-5
BAYACCDH1A	Hinged Filter Access Door®		3	2-3
BAYACCDH2A	Hinged Filter Access Door®		4-5	3½-5
BAYACCDH12A	Adaptor Kit for Installation of AccuClean™ and 5" Media Filter (Horizontal)®	10	2-3	2-3
BAYACCDH12A	Adaptor Kit for Installation of AccuClean™ and 5" Media Filter (Horizontal)®	12	3½-5	3½-5
BAYACD1050A	Adaptor Curb (Cabinet A/B)		3	2-3
BAYAD1051A	Adaptor Curb (Cabinet C)		3	2-3
BAYAD1052A	Adaptor Curb (Cabinet A/B)		4-5	3½-5
BAYAD1053A	Adaptor Curb (Cabinet C)		4-5	3½-5
BAYAD1054A	Adaptor Curb (Cabinet C)		4-5	3½-5
BAYASC1001	Ach-Smart Cycle Timer®		✓	✓
BAYCCH101A	Centricase Heater (230V) (Reciprocating)		—	2-2½
BAYCCH102A	Centricase Heater (230V) (Scroll)		4-5	3½-5
BAYCCH103A	Centricase Heater (230V) (Scroll)		3	3
BAYCCH104B	Centricase Heater (480V) (Scroll)		4-5	—
BAYCCH105A	Centricase Heater (480V) (Scroll)		3	—
BAYCCH112A	12" Duct Shroud (Covers Horizontal Ducts)®		3-5	2-5
BAYCCH118A	18" Duct Shroud (Covers Horizontal Ducts)®		3-5	2-5
BAYCCH1050A	Flat Roof Full Perimeter Curb (Horizontal)	74	3	2-3
BAYCCH1051A	Flat Roof Full Perimeter Curb (Horizontal)	84	4-5	3½-5
BAYDM1010A	2-Function Motorized Damper®000000		3	2-3
BAYDM1020A	2-Function Motorized Damper®000000		4-5	3½-5
BAYECON101A	Economizer with Barometric Relief (Downflow)®000000		—	2-3
BAYECON102A	Economizer with Barometric Relief (Downflow)®000000		—	3½-5
BAYECON103A	Economizer with Barometric Relief (Downflow)®000000	50	3	—
BAYECON104A	Economizer with Barometric Relief (Downflow)®000000	65	4-5	—
BAYECON200A	Economizer (Horizontal)®000000		—	2-3
BAYECON201A	Economizer (Horizontal)®000000		—	3½-5
BAYECON203A	Economizer (Horizontal)®000000	85	3	—
BAYECON204A	Economizer (Horizontal)®000000	85	4-5	—
BAYENT1001A	Emergency Control Kit®	2	✓	✓
BAYEXM0010A	Extreme Conditions Mounting Kit		✓	✓
BAYEXM0020A	Extreme Conditions Mounting Kit		✓	✓
BAYEXM0030A	Extreme Conditions Mounting Kit (Used on Split Mounts)		✓	✓
BAYFLH1010C	1-2" Filter Frame®(Requires one 18x26 filter not included)	8	3	2-3
BAYFLH2010C	1-2" Filter Frame®(Requires one 18x26 and one 18x18 not included)	8	4-5	3½-5
BAYLF1002B	Lifting Lug Kit	5	✓	✓
BAYLORM105A	Low Ambient Control Kit	5	✓	✓
BAYLR1004A	Economizer Relay®		✓	✓
BAYLR1005A	Economizer Relay®	1	✓	—
BAYOSAC001B	Outside Air Control Kit V.S. Economizer®		3,4,5	—
BAYOSAC001A	Manual Fresh Air Damper®	6	3	2-3
BAYOSAC002A	Manual Fresh Air Damper®	6	4-5	3½-5
BAYOS1K300A	Start Kit		✓	✓
BAYSQH0001A	18" Round Duct Adaptor®	5	3	2-3
BAYSQH0002A	18" Round Duct Adaptor®	5	4-5	2-5
BAYTTL1010B	Roof Curb Extension Kit		3	2-3
BAYTTL1020B	Roof Curb Extension Kit		4-5	3½-5

① Relay required with economizer on all heat pump applications.

② Must use filter frame when economizer fresh air kit is used.

③ Dry Switch 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 BAYCCH1012, 118A will not cover BAYSQH0002A applications.

⑦ Does not contain barometric relief.

⑧ Max fresh air = 25%.

⑨ For non-continuous fan gas-heating applications, the damper opens only when the CO2 sensor is above 500 PPM.

⑩ It is the dealer's responsibility to review product specifications and technical literature to ensure optimal performance and compliance to codes.

⑪ Temperature of mixed air entering the heat exchanger is monitored and fresh air intake may be reduced under certain conditions.

⑫ BAYACCDH1A requires BAYFLH1010B & BAYACCDH2A requires BAYFLH2010B. They are not backward compatible to BAYFLH1010A.

⑬ BAYOSAC001B is not compatible with BAYCCH1010A or BAYACCDH2A.

⑭ When using a BAYACCDH2A, two 18x26 filters are required.

EXISTING CURB	NEW UNIT 4WC/DC™A	USE BAYADAP™A
BAYCURB030, 38A	024-036	50
BAYCURB030, 38A	042-060	52
BAYCURB033A	024-036	51
BAYCURB033A	042-060	53
BAYCURB034A	042-060	54

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.

Packaged Heat Pump Convertible 2-5 Tons



4WCZ6



4WCY5



4WCC4

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	Unrolled Dimensions (in.) H x D x W
4WCZ6 - 208-230/1160									
4WCZ6024A1000A	24,000	16.00	12.00/18.30	8.20	442	19.5	30	67	38 x 42 x 49
4WCZ6036B1000A	36,000	16.00	12.20/17.45	8.30	468	24.3	35	70	38 x 42 x 49
4WCZ6048B1000A	47,500	16.00	12.00/17.50	8.50	607	34.2	50	72	42 x 45 x 59
4WCZ6060B1000A	57,000	15.00	11.50/15.90	8.30	623	42.0	60	74	42 x 45 x 59
4WCZ6 - 208-230/3180									
4WCZ6036B3000A	36,000	16.00	12.20/17.45	8.30	468	19.7	30	70	38 x 42 x 49
4WCZ6048B3000A	47,500	16.00	12.00/17.50	8.50	607	25.2	35	72	42 x 45 x 59
4WCZ6060B3000A	57,000	15.00	11.50/15.90	8.30	623	30.0	45	74	42 x 45 x 59
4WCZ6 - 480/3180									
4WCZ6036B4000A	36,000	16.00	12.20/17.45	8.30	468	11.9	15	70	38 x 42 x 49
4WCZ6048B4000A	47,500	16.00	12.00/17.50	8.50	607	15.3	20	72	42 x 45 x 59
4WCZ6060B4000A	57,000	15.00	11.50/15.90	8.30	623	17.0	20	74	42 x 45 x 59

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	Unrolled Dimensions (in.) H x D x W
4WCY5 - 208-230/1160								
4WCY5024A1000A	25,000	15.00/13.00	8.30	453	18.1	25	69.1	36 x 42 x 49
4WCY5036A1000A	36,000	15.00/12.00	8.20	438	22.8	35	70.0	38 x 42 x 49
4WCY5036A1000A	36,000	15.00/12.00	8.40	438	24.7	40	69.4	38 x 42 x 49
4WCY5042A1000A	41,500	15.00/12.00	8.40	607	28.6	40	72.0	38 x 45 x 59
4WCY5048A1000A	47,500	15.00/12.00	8.40	607	34.2	50	72.0	42 x 45 x 59
4WCY5060A1000A	57,500	15.00/11.50	8.40	623	42.2	60	74.0	42 x 45 x 59

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	Unrolled Dimensions (in.) H x D x W
4WCC4 - 208-230/1160								
4WCC4024A1000A	24,000	14.00/12.00	8.00	402	19.1	30	66	36 x 42 x 49
4WCC4030A1000A	30,400	14.00/12.00	8.00	430	22.5	35	69	38 x 42 x 49
4WCC4036A1000A	35,800	14.00/12.00	8.00	439	24.4	40	69	38 x 42 x 49
4WCC4042A1000A	43,000	14.00/12.00	8.00	548	28.4	45	71	40 x 45 x 59
4WCC4048A1000A	48,000	14.00/12.00	8.00	529	31.1	50	72	40 x 45 x 59
4WCC4060A1000A	58,000	14.00/12.00	8.00	594	36.1	60	77	42 x 45 x 59

For dimensional/outline drawings, please refer to Product Data.
 For information on Roof Curbs, please refer to the Accessories/Information Tab.

BUILT TO A HIGHER STANDARD
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 HEATING & AIR CONDITIONING

Packaged Heat Pump Convertible 2-5 Tons

Table PK-8-A — Features

	4WCZ6 2-5	4WCY5 2-5	4WCY4 3-5	4WCC4 2-5
• SEER up to.....	16.00	15.00	14.25	14.00
• HSPF up to.....	8.50	8.20	8.00	8.00
• Exclusive Duration™ high efficiency compressor with internal overload 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.....	✓	✓	✓	—
• Polystyrene cabinet.....	✓	✓	✓	✓
• Single stage heating & cooling.....	—	2 - 31%	✓	✓
• Two stage heating & cooling.....	✓	4, 5	—	—
• Start kit - factory installed (single phase only).....	—	2, 21%	—	—
• High pressure cutoff.....	✓	✓	✓	✓
• Low pressure cutoff.....	✓	✓	✓	✓
• 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 basepan features deep drawn duct connections.....	✓	✓	✓	✓
• Steeply sloped composite drainpan.....	✓	✓	✓	✓
• 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)	—	✓	✓	✓
• 12-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 terms are available when you register within 90 days of installation. You can register online at americanstandardair.com or by phone at 800-594-8005; otherwise American Standard Heating & Air Conditioning's Basic Limited Warranty terms will apply. See Limited Warranty information on specific products can be found on ASDcareinfo.com.

*Constant torque ECM (electronically commutated motor).

**Constant airflow ECM (electronically commutated motor).

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 Installer
 Guides and Limited Warranty Handbooks.

Packaged Heat Pump Convertible 2-5 Tons

Table PK-5-A — Accessories

Model Number	Description	Shipping Weight	4WCZE 2-5	4WCY5 2-5	4WCY4 3-5	4WCCA 2-5
BAYACCD011A	Hinged Filter Access Door®		2-3	2-3	3	2-3
BAYACCD012A	Hinged Filter Access Door®		4-5	3½-5	3½-5	3½-5
BAYACCD011A	Adapter Kit for Installation of AccuClean™ and 5" Media Filter (Horizontal)®	10	2-3	2-3	3	2-3
BAYACCD012A	Adapter Kit for Installation of AccuClean™ and 5" Media Filter (Horizontal)®	12	3½-5	3½-5	3½-5	3½-5
BAYADA1051A	Adapter Curb (Cabinet A/B)		2-3	2-3	3	2-3
BAYADA1051A	Adapter Curb (Cabinet C)		2-3	2-3	3	2-3
BAYADA1052A	Adapter Curb (Cabinet A/B)		4-5	3½-5	3½-5	3½-5
BAYADA1053A	Adapter Curb (Cabinet C)		4-5	3½-5	3½-5	3½-5
BAYADA1054A	Adapter Curb (Cabinet D)		4-5	3½-5	3½-5	3½-5
BAYASC1001	Anti-Shock Cycle Valve®		✓	✓	✓	✓
BAYCCH1102A	Condensate Heater (230V) (Standard)		4-5	3½-5	3½-5	3½-5
BAYCCH1103A	Condensate Heater (230V) (Standard)		2-3	2-3	3	2-3
BAYCCH1400B	Condensate Heater (450V) (Standard)		4-5	—	—	—
BAYCCH1402A	Condensate Heater (450V) (Standard)		3	—	—	—
BAYCCHV1102A	12" Duct Stroud (Covers Horizontal Ducts)®		2-5	2-5	3-5	2-5
BAYCCHV1103A	18" Duct Stroud (Covers Horizontal Ducts)®		2-5	2-5	3-5	2-5
BAYCURB050A	Flat Roof Full Perimeter Curb (Insulated)	7½	2-3	2-3	3	2-3
BAYCURB051A	Flat Roof Full Perimeter Curb (Insulated)	7½	3-5	3½-5	3½-5	3½-5
BAYDMR1010A	2-Position Motorized Damper 600000000		2-3	2-3	3	2-3
BAYDMR1022A	2-Position Motorized Damper 600000000		4-5	3½-5	3½-5	3½-5
BAYECOR1010A	Economizer with Barometric Relief (Downflow) (600000000)		—	2-3	2-3	2-3
BAYECOR1022A	Economizer with Barometric Relief (Downflow) (600000000)		—	3½-5	3½-5	3½-5
BAYECOR1030A	Economizer with Barometric Relief (Downflow) (600000000)	33	2-3	—	—	—
BAYECOR1044A	Economizer with Barometric Relief (Downflow) (600000000)	35	4-5	—	—	—
BAYECOR2050A	Economizer (Horizontal) (600000000)		—	2-3	3	2-3
BAYECOR2010A	Economizer (Horizontal) (600000000)		—	3½-5	3½-5	3½-5
BAYENH1001A	Enthalpy Control Kit®	2	✓	✓	✓	✓
BAYENH1002A	Extreme Conditions Mounting Kit		✓	✓	✓	✓
BAYENH1003A	Extreme Conditions Mounting Kit		✓	✓	✓	✓
BAYENH1003B	Extreme Conditions Mounting Kit (Used on Split Units)		✓	✓	✓	✓
BAYENH1003C	1-2" Filter Frame/5" Replaces one 18x20 filter (not included)	8	2-3	2-3	2-3	2-3
BAYENH1003D	1-2" Filter Frame/5" Replaces one 18x20, and one 18x24 filter (not included)	8	4-5	3½-5	3½-5	3½-5
BAYLIF1002B	Lifting Lug Kit		3	✓	✓	✓
BAYLOR1050A	Low Ambient Control Kit		3	✓	✓	✓
BAYGLRY004A	Economizer Relay 0	1	—	✓	✓	✓
BAYGLRY006A	Economizer Relay 0	1	—	—	—	—
BAYGSAC001B	Outside Air Control (A/C S. Economizer)®		2, 4, 5	—	—	3-5
BAYGSAP001A	Manual Fresh Air Damper®	8	2-3	2-3	3	2-3
BAYGSAP002A	Manual Fresh Air Damper®	8	4-5	3½-5	3½-5	3½-5
BAYQST1030A	Start Kit		✓	✓	✓	✓
BAYSDH0010A	18" Round Duct Adapter®	5	2-3	2-3	2-3	2-3
BAYSDH0012A	18" Round Duct Adapter®	5	4-5	2-5	2-5	2-5
BAYTIL1010B	Roof Curb Extension Kit		2-3	2-3	2-3	2-3
BAYTIL1020B	Roof Curb Extension Kit		4, 5	3½-5	3½-5	3½-5

- (1) Relay required with economizer on all heat pump applications.
 (2) Must use filter frame when economizer fresh air kit 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) BAYCCHV112, 184 will not cover BAYSDH0010A applications.

(7) Does not contain barometric relief.

(8) Max fresh air - 25%.

(9) For non-continuous fan gas-heating applications, the damper opens only when the

OD unit is above 50°F.

(10) It is the design/engineer/installer's responsibility to review product specifications and technical literature to ensure optimal performance and compliance to codes.

(11) Temperature of mixed air entering the heat exchanger is monitored, and fresh air intake may be reduced under certain conditions.

(12) BAYACCD011A requires BAYTIL1010B and BAYACCD012A requires BAYTIL1020B. They are not backward compatible to BAYTIL1010B/1020A.

(13) BAYGSAC001B is not compatible with BAYACCD011A or BAYACCD012A.

(14) When using a BAYACCD012A, two 18x20 filters are required.

EXISTING CURB	NEW UNIT 4WCY4	USE BAYADA1051A
BAYCURB030, 36A	024-036	50
BAYCURB030, 36A	042-060	52
BAYCURB033A	024-036	51
BAYCURB033A	042-060	53
BAYCURB034A	042-060	54

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,
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 Guides and Limited Warranty Handbooks.

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 HEATING & AIR CONDITIONING



4WHC4

Packaged Heat Pump Over/Under 2-3.5 Tons

- **Duration*** compressor
- Over (supply) under (return) air
- Compressor internal overheat protection
- Solenoid operated switchover 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 Powder Paint
- Copper tube, aluminum plate fin coils
- Top discharge condensing fan
- Factory installed wrap-around coil guard
- Top access to supplementary heater
- Pressure taps for refrigerant checks
- Polarized plug for easy field connection of low voltage to supplementary heaters
- Low ambient cooling to 55°F as manufactured
- Low ambient cooling to 0°F with accessory BAYLOAM011A
- 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	SEER/HSPF	HSPF	Unbranded Dimensions (in.) H x D x W	Weight (lbs.)	MCA*	Max Fuse*	Sound Rating
4WHC4024A1000B	24,000	16/13.5	8.2	31 x 44 x 32	322	18.7	25	74
4WHC4030A1000B	30,000	14/12	8	31 x 44 x 32	322	21.1	30	74
4WHC4036A1000B	36,000	14/12	8	31 x 44 x 32	322	26.2	40	75
4WHC4042A1000B	42,000	14/12	8	31 x 44 x 32	353	30.5	45	75
Tons Supply H x W (Return) H x W								
2 — 3 1/2" 8 1/2" x 27 1/2" 16 1/2" x 27 1/2"								

Dimensions are in inches. See Outline Dimensions.

* Information subject to change. Please confirm with current Product Data/Service Packs for current factory production. Compressor types are: H1 = Reciprocating One Cylinder, H2 = Reciprocating Two Cylinder, S = Scroll

Table PK-10-B — Supplementary Heaters — Heater Matrix

Model No. (1)	Power Supply	kW Rating	Used With	Shipping Weight
BAYHTRC105A	208/240/1/60	4.33/5.76 kW	4WHC4024-42	8
BAYHTRC109A	208/240/1/60	6.12/8.16 kW	4WHC4036-42	10
BAYHTRC111A	208/240/1/60	7.98/10.56 kW	4WHC4024-42	10
BAYHTRC117A	208/240/1/60	12.66/17.28 kW	4WHC4036-42	23

Table PK-10-C — Accessories/Comfort Controls

Model No.	Description	Used With	Shipping Weight
BAYASCT0010(X)	Anti-Short Cycle Timer	All 4WHC4 Models	1
BAYECMT003A	Extreme Conditions Mounting Kit (Slab or Rack Mount)	All 4WHC4 Models	2
BAYLOAM011A	Low Ambient Cooling Kit	All 4WHC4 Models	5
TAYASCT501A(X)	5 Minute Delay Relay	All 4WHC4 Models	2
TCON7402A	3Heat/2Cig (Heat Pump/A/C)	All 4WHC4 Models	1
TCON7602A	2Heat/2Cig (Heat Pump/A/C)	All 4WHC4 Models	1
TCON7802A	3Heat/2Cig (Heat Pump/A/C)	All 4WHC4 Models	1
TCON7803A	3Heat/2Cig (Heat Pump/A/C) w/Humidity Display	All 4WHC4 Models	1

(1) Heaters must have an "A" to six-digit digit to work on 4WHC4 models.

(2) Not for use with electronic thermostats.

(3) Activated on Power Off.

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.

Packaged Gas/Electric Convertible 2-5 Tons



4YCZ6

Table PK-11-A — 4YCZ6 - Platinum 16 - Convertible Packaged Gas/Electric - R-410A

Model Number	Cooling Capacity (BTU/h)	Heating Capacity Output (1 Sg/2 Sg)	SEER	EER High/Low	AFUE(%)	Shipping Weight	MCA	Max Fuse	Sound Rating	Uncoated Dimensions (in.) H x D x W
4YCZ6 - 208-230/1/60										
4YCZ6024A1090A	24,000	38,800/48,600	16.00	12.00/17.60	81.0	440	18.5	30	65	36 x 42 x 49
4YCZ6036C1070A	36,000	45,000/57,000	16.60	12.00/13.60	81.0	488	24.2	35	70	38 x 42 x 49
4YCZ6036C1090A	36,000	58,000/73,000	16.60	12.00/13.60	81.0	488	24.2	35	70	38 x 42 x 49
4YCZ6048C1090A	48,000	58,000/73,000	16.00	12.00/13.48	81.0	650	34.1	50	71	42 x 45 x 59
4YCZ6048C1115A	48,000	75,000/93,000	16.00	12.00/13.48	81.0	660	34.1	50	71	42 x 45 x 59
4YCZ6060C1115A	57,500	73,000/93,000	15.10	11.40/12.54	81.0	676	44.4	60	73	42 x 45 x 59
4YCZ6 - 208-230/3/60										
4YCZ6036A3075B	36,000	45,000/60,000	16.60	12.00/13.60	80.0	488	19.7	30	70	38 x 42 x 49
4YCZ6036A3096B	36,000	57,600/77,000	16.60	12.00/13.60	80.0	493	19.7	30	70	38 x 42 x 49
4YCZ6048A3096B	48,000	57,600/77,000	16.00	12.00/13.48	80.0	650	25.2	35	71	42 x 45 x 59
4YCZ6048A3120B	48,000	72,000/96,000	16.00	12.00/13.48	80.0	660	25.2	35	71	42 x 45 x 59
4YCZ6060A3120B	57,500	72,000/96,000	15.10	11.40/12.55	80.0	676	28.6	40	73	42 x 45 x 59
4YCZ6 - 480/3/60										
4YCZ6036A4075C	36,000	45,000/60,000	16.60	12.00/13.60	79.0	488	11.9	15	70	38 x 42 x 49
4YCZ6036A4096C	36,000	57,600/77,000	16.60	12.00/13.60	80.0	493	11.9	15	70	38 x 42 x 49
4YCZ6048A4096C	48,000	57,600/77,000	16.00	12.00/13.48	80.0	650	15.3	20	71	42 x 45 x 59
4YCZ6048A4120C	48,000	72,000/96,000	16.00	12.00/13.48	80.0	660	15.3	20	71	42 x 45 x 59
4YCZ6060A4120C	57,500	72,000/96,000	15.10	11.40/12.55	80.0	676	17.2	20	73	42 x 45 x 59



4YCY5

Table PK-11-B — 4YCY5 - Gold 15 - Convertible Packaged Gas/Electric - R-410A

Model Number	Cooling Capacity (BTU/h)	Heating Capacity Output (1 Sg./2 Sg.)	SEER/SEER	AFUE(%)	Shipping Weight	MCA	Max Fuse	Sound Rating	Uncoated Dimensions (in.) H x D x W
4YCY5 - 208-230/1/60									
4YCY5024A1060A	24,000	48,000/60,000	15.00/12.00	81	425	18.4	20	65	36 x 42 x 49
4YCY5036A1070A	28,400	56,000/70,000	15.00/12.00	81	455	21.2	30	70	36 x 42 x 49
4YCY5036A1070A	36,000	56,000/70,000	15.00/12.00	81	460	23.8	35	69	38 x 42 x 49
4YCY5036A1090A	36,000	72,000/90,000	15.00/12.00	81	465	23.8	35	69	38 x 42 x 49
4YCY5042A1090A	41,000	72,000/90,000	15.00/12.00	81	593	28.6	40	71	38 x 45 x 59
4YCY5048A1090A	48,000	72,000/90,000	15.00/12.00	81	616	34.2	50	71	38 x 45 x 59
4YCY5048A1115A	48,000	90,000/115,000	15.00/12.00	81	622	34.2	50	71	38 x 45 x 59
4YCY5060A1115A	57,500	92,000/115,000	15.00/11.40	81	633	44.4	60	73	42 x 45 x 59



4YCY4
(3-phase only)

Table PK-11-C — 4YCY4 - Gold 14 - Convertible Packaged Gas/Electric - R-410A

Model Number	Cooling Capacity (BTU/h)	Heating Capacity Output (1 Sg/2 Sg)	SEER/SEER	AFUE(%)	Shipping Weight	MCA	Max Fuse	Sound Rating	Uncoated Dimensions (in.) H x D x W
4YCY4 - 208-230/3/60									
4YCY4036B3075A	36,000	45,000/60,000	14.30/12.00	80.0	488	18.5	20	69	38 x 42 x 49
4YCY4036B3096A	36,000	57,600/77,000	14.20/12.00	80.0	493	18.5	25	69	38 x 42 x 49
4YCY4048B3096A	48,000	57,600/77,000	14.20/12.00	80.0	653	25.3	35	73	38 x 45 x 59
4YCY4048B3120A	48,000	72,000/96,000	14.20/11.90	80.0	659	25.3	35	73	38 x 45 x 59
4YCY4060A3120B	58,500	72,000/96,000	14.30/12.00	80.0	676	28.6	40	76	42 x 45 x 59

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 Gas/Electric
Convertible 2-5 Tons****4YCC4****Table PK-12-A — 4YCC4 - Silver 14 - Convertible Packaged Gas/Electric - R-410A**

Model Number	Cooling Capacity (BTU/h)	Heating Capacity Input/Output	SEER/EER	APF/EER	Shipping Weight	MCA	Max Fuse	Sound Rating	Cabinet Dimensions (in.) H x D x W
4YCC4 — 208-230V/1/60									
4YCC4024A1060A	24,600	60,000/45,000	14.00/12.00	81.0	481	19.1	30	67	36 x 42 x 49
4YCC4030A1070A	28,200	70,000/57,000	14.00/12.00	81.0	481	22.6	35	69	36 x 42 x 49
4YCC4036A1070A	37,000	70,000/57,000	14.00/12.00	81.0	488	24.5	40	69	36 x 42 x 49
4YCC4036A1090A	37,000	90,000/73,000	14.00/12.00	81.0	493	24.5	40	69	36 x 42 x 49
4YCC4042A1060A	40,500	60,000/45,000	14.00/12.00	81.0	653	28.5	45	75	36 x 45 x 59
4YCC4042A1090A	40,500	90,000/73,000	14.00/12.00	81.0	653	28.5	45	75	36 x 45 x 59
4YCC4048A1070A	46,500	70,000/57,000	14.00/11.50	81.0	645	32.0	50	73	40 x 45 x 59
4YCC4048A1090A	46,500	90,000/73,000	14.00/11.50	81.0	653	32.0	50	73	40 x 45 x 59
4YCC4060A1090A	58,000	90,000/73,000	14.00/11.50	81.0	678	35.1	60	73	40 x 45 x 59
4YCC4060A1115A	58,000	115,000/93,000	14.00/11.50	81.0	684	39.1	60	73	40 x 45 x 59

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Packaged Gas/Electric Convertible 2-5 Tons

Table PK-13-A — Features

	4YCZ 2-5	4YCY 2-5	4YCY 2-5	4YCC 2-5
• SEER up to	16.60	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 Vortice® 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	✓	✓	✓	✓
• Sweep-blade outdoor fan for quiet operation	✓	✓	✓	✓
• Architecturally integrated louvers and corner guards	✓	✓	✓	✓
• Polyslate gray cabinet	✓	✓	✓	✓
• Stainless steel heat exchanger and burners	✓	✓	✓	✓
• Single stage cool	—	2-3%	✓	✓
• Single stage gas	—	—	✓	✓
• 2-stage cooling	—	4, 5	—	✓
• 2-stage gas	✓	✓	✓	✓
• Start kit - factory installed (single phase only)	✓	—	—	✓
• High pressure cutoff	✓	✓	✓	✓
• Low pressure cutoff	✓	✓	✓	✓
• Liquid line drier - factory installed	✓	✓	✓	✓
• Non-leak expansion valves on indoor coil	✓	✓	✓	✓
• 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 basepan features deep drawn duct connections	✓	✓	✓	✓
• Slightly sloped composite drainpan	✓	✓	✓	.5
• Ships in horizontal configuration and converts quickly for downflow	✓	✓	✓	2-4
• Copper tube, aluminum fin indoor coil	✓	3, 4, 5	✓	✓
• All aluminum indoor coil	—	2, 3%, 3%	✓	✓
• All models are certified to ANSI Z21.47/CSA 2.3	✓	✓	✓	—
• 20-year heat exchanger, 12-year compressor, 10-year coils, & 10-year all other functional parts registered limited warranty (Residential Use) †	✓	—	—	✓
• 20-year heat exchanger, 10-year compressor, 10-year coils, & 10-year all other functional parts registered limited warranty (Residential Use) †	—	✓	✓	✓
• Extended warranties available	✓	✓	✓	✓

† Registered Limited Warranty terms are available when registered within 60 days of installation. You can register online at americanstandard.com or by phone at 800-554-8000; otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on AS DealerNet.com.

*Constant torque ECM (electronically commutated motor).

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 HEATING & AIR CONDITIONING

Packaged Gas/Electric Convertible 2-5 Tons

Table PK-14-A — Accessories

Model Number	Description	Shipping Weight	4YCB 2-5	4YCY5 2-5	4YCY4 3-5	4YCC4 2-5
BAYACCD01A	Hinged Filter Access Door		2-3	2-3	2-3	2-3
BAYACCD02A	Hinged Filter Access Door		31-5	31-5	31-5	31-5
BAYACCD03A	Adapter Kit for installation of AccuClean™ and 5" Media Filter (Horizontal)	10	2-3	2-3	3	2-3
BAYADP010A	Adapter Kit for installation of AccuClean™ and 5" Media Filter (Horizontal)	12	31-5	31-5	31-5	31-5
BAYADA010A	Adapter Curb (Cabinet A)		2-3	2-3	2-3	2-3
BAYADA015A	Adapter Curb (Cabinet C)		2-3	2-3	2-3	2-3
BAYADA015A	Adapter Curb (Cabinet A)		4-5	31-5	31-5	31-5
BAYADA015A	Adapter Curb (Cabinet C)		4-5	31-5	31-5	31-5
BAYADA015A	Adapter Curb (Cabinet D)		4-5	31-5	31-5	31-5
BAYASC1001	Auto-Start Cycle Timer		✓	—	✓	✓
BAYCCH102A	Chimney Heater (220V) (Scroll)		—	31-5	—	31-5
BAYCCH103A	Chimney Heater (220V) (Scroll)		2-3	2-3	3	2-3
BAYCCH140A	Chimney Heater (480V) (Scroll)		4-5	—	—	—
BAYCCH140A	Chimney Heater (480V) (Scroll)		5	—	—	—
BAYCCH112A	12" Quot Shroud (Covers Horizontal Duct)		2-3	2-3	2-3	2-3
BAYCCH115A	15" Quot Shroud (Covers Horizontal Duct)		2-3	2-3	2-3	2-3
BAYCURB010A	Flat Roof Full Perimeter Curb (Insulated)	74	2-3	2-3	2-3	2-3
BAYCURB015A	Flat Roof Full Perimeter Curb (Insulated)	74	4-5	31-5	31-5	31-5
BAYDMF101A	Molten Fresh Air Damper		2-3	2-3	2-3	2-3
BAYDMF102A	Molten Fresh Air Damper		4-5	31-5	31-5	31-5
BAYCON101A	Economizer with Barometric Relief (Downflow)	50	—	2-3	2-3	2-3
BAYCON102A	Economizer with Barometric Relief (Downflow)	50	—	31-5	31-5	31-5
BAYCON103A	Economizer with Barometric Relief (Downflow)		2-3	—	—	—
BAYCON104A	Economizer with Barometric Relief (Downflow)		4-5	4-5	—	—
BAYCON201A	Economizer (Horizontal)	50	—	2-3	2-3	2-3
BAYCON201A	Economizer (Horizontal)	50	—	31-5	31-5	31-5
BAYCON203A	Economizer (Horizontal)		2-3	—	—	—
BAYCON204A	Economizer (Horizontal)		4-5	4-5	—	—
BAYEN1001A	Exhaust Control Kit	2	✓	✓	✓	✓
BAYEXM001A	Extreme Conditions Mounting Kit (Used on BAYCURB & BAYADA)		✓	✓	✓	✓
BAYEXM002A	Extreme Conditions Mounting Kit (Used on BAYCURB)		✓	✓	✓	✓
BAYEXM003A	Extreme Conditions Mounting Kit (Used on Flat Mounts)		✓	✓	✓	✓
BAYFL1101C	1-2" Filter Frame (Requires one 15x25 filter (not included))	6	2-3	2-3	2-3	2-3
BAYFL1102C	1-2" Filter Frame (Requires one 15x25 and one 15x13 filter (not included))	6	4-5	31-5	31-5	31-5
BAYLH1000	Lifting Lug Kit		✓	✓	✓	✓
BAYLH1001A	Low Ambient Control Kit	5	✓	✓	✓	✓
BAYLPH100A	LP Compressor Kit		115K	115K	115K	115K
BAYLPH101A	LP Compressor Kit		80K, 90K	80K, 90K	80K, 90K	80K, 90K
BAYLPH102A	LP Compressor Kit		70K	70K	70K	70K
BAYSD001A	Outside Air Control for VAV Economizer		54-5	4-5	—	—
BAYSD001A	Manual Fresh Air Damper	8	2-3	2-3	2-3	2-3
BAYSD002A	Manual Fresh Air Damper	8	4-5	31-5	31-5	31-5
BAYSD003A	Start Kit		✓	✓	—	✓
BAYSGR001A	18" Horizontal Quot Adapter	5	2-3	2-3	2-3	2-3
BAYSGR002A	18" Horizontal Quot Adapter	5	4-5	2-3	2-3	2-3
BAYUL101A	Horizontal Quot Adapter		2-3	2-3	2-3	2-3
BAYUL102A	Horizontal Quot Adapter		4-5	31-5	31-5	31-5

① Must use filter frame when economizer/fresh air kit is used.

② Dry bulb control standard 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 BAYCON112, 156A will not cover BAYSD002A applications.

⑦ Does not contain barometric relief.

⑧ Max fresh air - 25%.

⑨ For non-continuous fan gas-heating applications, the damper opens only when the

CO ambient is above 50° F.

⑩ It is the design/engineer/installer's responsibility to review product specifications and technical literature to ensure optimal performance and compliance to codes.

⑪ Temperature of fluid entering the heat exchanger is monitored and fresh air intake may be reduced under certain conditions.

⑫ BAYACCD01A requires BAYL1101C & BAYACCD02A requires BAYL1102C. They are not backward compatible to BAYL1101/102A.

⑬ BAYSD001A is not compatible with BAYACCD01A or BAYACCD02A.

⑭ When using a BAYACCD02A, two 15x25 filters are required.

EXISTING CURB	NEW UNIT 4TCWG/CY/MA	USE BAYADAP/MA
BAYCURB030, 35A	024-036	50
BAYCURB030, 35A	042-060	52
BAYCURB033A	024-036	51
BAYCURB033A	042-060	53
BAYCURB034A	042-060	54

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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	2-4	2-5	2-3	2-3½	2-3
		BAYHTRV108	2-4	2-5	2	—	—
		BAYHTRV110	2-4	2-3	—	—	—
	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	4TCC3	4TCX3	4TCY4	4WCC3	4WCX3	4WCY4	4WCZ5
3 PHASE (208/240V)	BAYSPEK064	BAYHTRV315	—	—	—	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	—	—	—	5	5	5	5
	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
3 PHASE (480V)	BAYSPEK061	BAYHTRV315	3-5	3-5	3-5	—	—	—	—
		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

For dimensional/outline drawings, please refer to Product Data.
 For information on Roof Curbs, please refer to the Accessories/Information Tab.

BUILT TO A HIGHER STANDARD
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Supplemental Heater Table Packaged Convertible 2-5 Tons

	BAYH1RV10S 3.7/5.0 kW	BAYH1RV10S 5.0/6.0 kW	BAYH1RV110 7.5/10.0 kW	BAYH1RV115 11.2/15.0 kW	BAYH1RV120 15.0/20.0 kW	BAYH1RV125 18.7/25.0 kW
41CY5024A1	Y	X	Y	—	—	—
41CY5030A1	Y	Y	Y	Y	—	—
41CY5036A1	Y	X	Y	Y	—	—
41CY5042A1	Y	Y	Y	Y	Y	Y
41CY5048A1	Y	Y	Y	Y	Y	Y
41CY5054A1	Y	X	Y	Y	Y	X
41CC4024A1	Y	Y	Y	—	—	—
41CC4030A1	Y	X	Y	Y	—	—
41CC4036A1	Y	Y	Y	Y	—	—
41CC4042A1	X	X	Y	Y	—	—
41CC4048A1	Y	Y	Y	Y	Y	—
41CC4054A1	X	X	Y	Y	Y	X
4WC2R024A1	Y	Y	Y	—	—	—
4WC2R030A1	Y	Y	Y	Y	—	—
4WC2R040A1	Y	Y	Y	Y	Y	Y
4WC2R060A1	Y	X	Y	Y	Y	X
4WCY5024A1	Y	Y	Y	—	—	—
4WCY5030A1	Y	Y	Y	Y	—	—
4WCY5036A1	Y	Y	Y	Y	—	—
4WCY5042A1	Y	X	Y	Y	Y	X
4WCY5048A1	Y	Y	Y	Y	Y	Y
4WCY5054A1	Y	Y	Y	Y	Y	Y
4WCC4024A1	Y	Y	Y	—	—	—
4WCC4030A1	Y	Y	Y	Y	—	—
4WCC4036A1	Y	Y	Y	Y	—	—
4WCC4042A1	Y	Y	Y	Y	—	—
4WCC4048A1	Y	Y	Y	Y	Y	—
4WCC4054A1	Y	X	Y	Y	Y	X

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Supplemental Heater Table Packaged Convertible 2-5 Tons

	BAYH1RV305 3.765.0 kW (31PH)	BAYH1RV308 6.018.0 kW (31PH)	BAYH1RV310 7.5010.0 kW (31PH)	BAYH1RV315 11.27/15.0 kW (31PH)	BAYH1RV320 15.020.0 kW (31PH)	BAYH1RV325 18.7625.0 kW (31PH)
41CY4038B3	Y	Y	Y	Y	Y	Y
41CY4048B3	Y	Y	Y	Y	Y	Y
41CY4080B3	Y	Y	Y	Y	Y	Y
41CX3038A3	Y	Y	Y	Y	Y	Y
41CX3048A3	Y	Y	Y	Y	Y	Y
41CX3080A3	Y	Y	Y	Y	Y	Y
41CC3038A3	Y	Y	Y	Y	Y	Y
41CC3048A3	Y	Y	Y	Y	Y	Y
41CC3080A3	Y	Y	Y	Y	Y	Y
4WC28038B3	Y	Y	Y	Y	Y	Y
4WC28048B3	Y	Y	Y	Y	Y	Y
4WC28080B3	Y	Y	Y	Y	Y	Y
4WCY4038A3	Y	Y	Y	Y	Y	Y
4WCY4048A3	Y	Y	Y	Y	Y	Y
4WCY4080A3	Y	Y	Y	Y	Y	Y
4WCX3038A3	Y	Y	Y	Y	Y	Y
4WCX3048A3	Y	Y	Y	Y	Y	Y
4WCX3080A3	Y	Y	Y	Y	Y	Y
4WCC3038A3	Y	Y	Y	Y	Y	Y
4WCC3048A3	Y	Y	Y	Y	Y	Y
4WCC3080A3	Y	Y	Y	Y	Y	Y
	BAYH1RV405 5.0 kW (31PH)	BAYH1RV410 8.0 kW (480V 3 PH)	BAYH1RV415 10.0 kW (31PH)	BAYH1RV415 15.0 kW (480V 3 PH)	BAYH1RV420 20.0 kW (480V 3 PH)	BAYH1RV425 25.0 kW (480V 3 PH)
41CX3038A4	Y	Y	Y	Y	Y	Y
41CX3048A4	Y	Y	Y	Y	Y	Y
41CX3080A4	Y	Y	Y	Y	Y	Y
41CC3038A4	Y	Y	Y	Y	Y	Y
41CC3048A4	Y	Y	Y	Y	Y	Y
41CC3080A4	Y	Y	Y	Y	Y	Y
4WC28038B4	Y	Y	Y	Y	Y	Y
4WC28048B4	Y	Y	Y	Y	Y	Y
4WC28080B4	Y	Y	Y	Y	Y	Y
4WCY4038A4	Y	Y	Y	Y	Y	Y
4WCY4048A4	Y	Y	Y	Y	Y	Y
4WCY4080A4	Y	Y	Y	Y	Y	Y
4WCX3038A4	Y	Y	Y	Y	Y	Y
4WCX3048A4	Y	Y	Y	Y	Y	Y
4WCX3080A4	Y	Y	Y	Y	Y	Y
4WCC3038A4	Y	Y	Y	Y	Y	Y
4WCC3048A4	Y	Y	Y	Y	Y	Y
4WCC3080A4	Y	Y	Y	Y	Y	Y

For dimensional/outline drawings, please refer to Product Data.
 For information on Roof Curbs, please refer to the Accessories/Information Tab.

Variable Speed Packaged Units

TVGX Variable Speed
Packaged Heat Pumps

Brand

T = EnviroWise™

Compressor Type

V = Full Modulation Compressor

Product Category

G = Geothermal

Product Type

X = Premium Packaged Water to Air

Unit Capacity (MBTUH)

036, 048, 060

*Discharge Air Configuration

T = Top (Vertical)

B = Bottom (Vertical)

E = End (Horizontal)

S = Side (Horizontal)

R = Rear (Vertical)

*Return Air Configuration

L = Left

R = Right

Voltage/Frequency/Phases

1 = 208-230/60/1

*Hot Water Options

0 = No Hot Water, No IntelliStart

1 = Hot Water Generator with external factory pump, No IntelliStart

*Coax Options

C = Copper

N = Cupronickel

Blower Motor Options

1 = ECM Blower

Controls Option

K = Aurora V & Control w/ Performance Monitoring

Capacities

Variable Capacities = 036, 048, 060

*Select desired options to create specific model number.

Variable Speed Packaged Units



- Extended range operation (20-120°F EWT)
- Earth friendly R-410A refrigerant
- Aurora advanced variable speed control
- "Superboost" cooling mode
- Duration™ Variable Speed Compressor
- Variable Speed ECM fan motor
- FormShield Plus™ coated air coil
- Electronic expansion valve
- Internal electric heat (optional on vertical units only)
- 1" Swivel fittings
- Gray powder coated heavy gauge galvanized cabinet
- Factory computer run test
- ARI/ASHRAE/ISO 13255-1 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 AID Tool

Table GEO-2-A — VGX - Variable Speed Water Source Heat Pumps

Unit Model No.	Power Supply Volts/Hz/Phase	Nominal Cooling Capacity (Btu/h) ECM 2 Motor	Dimensions (in.) ⁽¹⁾ H x W x L	Shipping Weight (lbs.)	Nominal Supply Operating (Wd)°	Nominal Return Operating (CoH)°	Filter Size (°)	Water Inlet/Outlet Size	Min Cdc Amp ECM 2 Motor	Max Fuse
TVGX036	208-230/60/1	38,000	26x32x55	372	18x18	28x30	32x30	1" Swivel	37.3	40
TVGX048	208-230/60/1	48,000	26x32x55	381	18x18	28x30	32x30	1" Swivel	47.8	50
TVGX060	208-230/60/1	60,000	26x32x55	400	18x18	28x34	36x30	1" Swivel	54.1	60

°) Vertical Applications

°) For models not listed and LRI details, please refer to the Geothermal/Water Source Heat Pump Product Line publications.

Models listed are representative ONLY. Please refer to model nomenclature for product line configuration.

Variable Speed Packaged Units

Table GEO-3-A — Optional Accessories for VGX Units *

Model Number	Description
Thermostats	
TPCC32U01E	Communicating Color Touchscreen Thermostat w/Energy Monitoring and Humidity Control
TPCM32U04E	Communicating Thermostat with Energy Monitoring capabilities and Humidity Control
Notes: Must use TPCC32U01, TPCM32U04 or IntelliZone2 - No other thermostats will operate the heat pump.	
Diagnostic Tool	
AUX81	Aurora Interface Display Service Tool
Variable Speed Flow Center	
FCV1-GL	High impact polystyrene plastic cabinet, one Grundfos Magna Geo 32-140 variable speed pump (1 pump flow center) and one WP26-99 fixed speed pump (2nd pump on 2 pump flow center)
IntelliZone2 with MasterStat and AXB Communication Harness	
IntelliZone 21A	Communicating Zone System (Only works with XV Series Units)
	Multiple level zone calls communicate exact zone load requirements
	Controls up to 6 zones with Variable Speed units, 4 zones with dual capacity compressor (2 w/ single-speed compressor)
	Direct control of Variable speed ECM fan motor to match needs of the space. 6-8 fan speeds on line, up to 12 speeds available
	Zone starts as small as 15% of whole house (17% Variable Speed and 27% Dual Capacity)
	Individual zone selectable economy or comfort mode
	Four staging options: normal, quicker, faster or faster w/ timer for various application scenarios
	Dehumidification mode lowers airflow in cooling for better dehumidification
	Power consumption displayed on MasterStat for all XV Series with advanced controls
Zone Thermostat	
ZoneStat	Option for any of Zones 2 through 6. Full setback capability with communication to the IntelliZone2 System
Zone SensorThermostat	
SensorStat	Option for any of Zones 2 through 6. Full setback capability (through the MasterStat only) with communication to the IntelliZone2 System
Trouble Shooting Kit	
ZTK	Back plate of the MasterStat w/ harness to plug into IntelliZone2 relay board for set up and service at the zone panel
ZTK240	Zone Transformer Kit - 208/240V - 24V

*Note: These accessories are dedicated for Variable Speed *VGX units ONLY

Table GEO-3-B — Optional Accessories for VGX Units (Non-Dedicated)

Model Number	Description
Vertical Auxiliary Heaters	
EAL10A	Internal mount, electronic control board, sequenced operation, - 15-20kW include internal fuses
EAL15A	Internal mount, electronic control board, sequenced operation, - 15-20kW include internal fuses
EAL20A	Internal mount, electronic control board, sequenced operation, - 15-20kW include internal fuses
Horizontal Auxiliary Heaters	
EALH10A	Internal mount control box, coil assembly external mount, electronic control board, sequenced operation, 15-20kW include internal fuses
EALH15A	Internal mount control box, coil assembly external mount, electronic control board, sequenced operation, 15-20kW include internal fuses
EALH20A	Internal mount control box, coil assembly external mount, electronic control board, sequenced operation, 15-20kW include internal fuses
Air Pads for Vertical Topflow Units	
AP32	AP = High Density Plastic
APF2634	APF = 2" PEX foam, cuttable
Electronic Air Cleaner	
EAC3032	Vertical Units (30x32)
EAC3036	Vertical Units (30x36)
EAC3036	Bottom Flow Units (30x36)
EAC2042	Horizontal Units (20x42)
EAC2047	Horizontal Units (20x47)

Water to Air Packaged Units

1GX - 2GX Water Source Heat Pumps

Brand
T = Envirowise™

Compressor Type

1 = Single Speed
2 = Dual Capacity

Product Category

G = Geothermal

Product Type

X = Premium Packaged System (Water-to-Air)

Nominal BTU's

Thousands of BTU's

Discharge Air Configuration

T = Top (Vertical)
B = Bottom (Vertical 022-072)
E = End (Horizontal)
S = Side (Horizontal)
R = Rear (Vertical 043-072)

Return Air Configuration

L = Left
R = Right

Heating and/or Cooling

R = Heating and Cooling (Reversible)

Voltage/Frequency/Phases

1 = 208-230/60/1

Hot Water Options

0 = No Hot Water, No IntelliStart
1 = Hot Water Generator with factory installed pump, No IntelliStart
3 = No Hot Water, IntelliStart
4 = Hot Water Generator with factory installed pump, IntelliStart

Coax Options

C = Copper, Uncoated Aluminum Air Coil
N = Cupronickel, Uncoated Aluminum Air Coil

Blower Motor Options

0 = PSC
1 = Variable Speed ECM (018-072)
2 = High Static Variable Speed ECM (036-049)
4 = 5-Speed ECM (022-072)

Capacities

Single - 022, 030, 036, 042, 048, 060, 070

Dual - 26, 036, 049, 064, 072

*Select desired options to create specific model number:

Notes:

1. All models have IntelliStart.
2. HWG available 018-072.
3. IntelliStart available 022-072.

2GC Water Source Heat Pumps

Brand

T = Envirowise™

Compressor Type

2 = Dual Capacity

Product Category

G = Geothermal

Product Type

C = Mid Level Packaged System

Unit Capacity

024, 030, 048, 060, 072

Discharge Air Configuration

T = Top (Vertical)
E = End (Horizontal)
S = Side (Horizontal)

Return Air Configuration

L = Left
R = Right

Heating and/or Cooling

R = Heating and Cooling (Reversible)

Voltage/Frequency/Phases

1 = 208-230/60/1

Hot Water Options

0 = No HWG, No IntelliStart
1 = HWG with Factory Installed Pump, No IntelliStart
3 = No HWG, IntelliStart
4 = HWG with Factory Installed Pump, IntelliStart

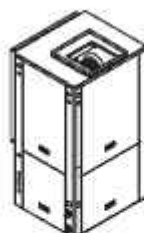
Water, Coax & Air Coil Options

C = Copper, Uncoated Aluminum Air Coil
N = Cupronickel, Uncoated Aluminum Air Coil

Blower Motor Options

4 = 5-Speed ECM, Duct Flanges, No Filter
0 = 5-Speed ECM, 1" Filter Rack with 1" MERV8

Water to Air Packaged Units



- Extended range operation (25-120 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
- ARI/ASHRAE/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 (Btu/h) ECM 2 Motor	Dimensions (in.) ⁽¹⁾ H x W x L	Shipping Weight (lbs.)	Nominal Supply Operating (Wd/ly) ⁽¹⁾	Nominal Return Operating (Df/ly) ⁽¹⁾	Filter Size ⁽¹⁾	Water Inlet/Outlet Size	Min Circ Amp ECM 2 Motor	Max Fuse
T1GX022	208-230/60/1	21,700	48.4x22.3x26.3	313	14x14	22x26	28x24	1" Swivel	15.2	20
T2GX026	208-230/60/1	27,200	48.4x22.3x26.3	313	14x14	22x26	28x24	1" Swivel	18.8	25
T1GX030	208-230/60/1	29,400	48.4x22.3x26.3	328	14x14	22x26	28x24	1" Swivel	20.0	30
T1GX036	208-230/60/1	35,000	50.4x25.4x31.4	373	18x18	28x26	28x30	1" Swivel	21.6	35
T2GX038	208-230/60/1	40,200	50.4x25.4x31.4	378	18x18	28x26	28x30	1" Swivel	24.8	40
T1GX042	208-230/60/1	42,000	54.4x25.4x31.4	388	18x18	28x30	32x30	1" Swivel	24.8	40
T1GX048	208-230/60/1	49,300	54.4x25.4x31.4	428	18x18	28x30	32x30	1" Swivel	28.8	45
T2GX048	208-230/60/1	50,000	54.4x25.4x31.4	428	18x18	28x30	32x30	1" Swivel	30.4	50
T1GX060	208-230/60/1	66,800	58.4x25.4x31.4	463	18x18	28x34	36x30	1" Swivel	40.0	60
T2GX064	208-230/60/1	67,600	58.4x25.4x31.4	473	18x18	28x34	36x30	1" Swivel	39.0	60
T1GX070	208-230/60/1	73,200	58.4x25.4x31.4	488	18x18	28x34	36x30	1" Swivel	44.6	70
T2GX072	208-230/60/1	73,800	58.4x25.4x31.4	488	18x18	28x34	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 publications.

Models listed are representative ONLY. Please refer to model nomenclature for product line configuration.

Water to Air Packaged Units

Table GEO-6-A — Optional Accessories 1GX - 2GX

Model Number		Description	Used With ¹	
			Single Speed Models	Dual Capacity Models
Vertical Auxiliary Heaters				
EAS4A			012	
EAM5A		(U)	022, 030	026
EAM8A		(U)	030	026
EAM10A		(U)	030	026
EAL10A		(U)	036, 042, 048, 060, 070	038, 049, 064, 072
EAL15A		(U)	036, 042, 048, 060, 070	038, 049, 064, 072
EAL20A		(U)	048, 060, 070	049, 064, 072
Horizontal Auxiliary Heaters				
EASH4A			012	
EAMH5A		(U)	022, 030	026
EAMH8A		(U)	022, 030	026
EAMH10A		(U)	030	026
EALH10A		(U)	036, 042, 048, 060, 070	038, 049, 064, 072
EALH15A		(U)	036, 042, 048, 060, 070	038, 049, 064, 072
EALH20A		(U)	048, 060, 070	049, 064, 072
Air Pads for Vertical Topflow Units				
AP2430		AP= High density plastic	022, 030	026
AP32		AP= High density plastic	036, 042, 048, 060, 070	038, 049, 064, 072
APF2634		APF= 2" PEX foam, cuttable	022, 030, 036, 042, 048, 060, 070	026, 038, 049, 064, 072
Thermostats (All Controls- 2H, 2C, Dual Fuel Compatible)				
AZONE950AC52ZA		950 Premium Control (Requires Relay Panel)		
BAY24VRPAC52DA		24 Volt Interface Relay Panel for 950 Control		
ACONT802AS32DA		Programmable Touch Screen Digital Control		
ACONT803AS32DA		Programmable Touch Screen Digital Control with Dehumidification Control		
ACONT402AN32DA		Non-Programmable Comfort Control		
Disposable Pleated Filters, 2" MERV11[®]				
59P505-04		Vertical Units (24x28x0)	022, 030	026
59P505-08		Vertical Units (28x30)	036	038
59P505-07		Vertical Units (30x32)	042, 048	049
59P505-06		Vertical Units (30x36W)	060, 070	064, 072
59P505-09		Horizontal Units (18x32)	022, 030	026
59P505-10		Horizontal Units (20x37)	036	049
59P505-02		Horizontal Units (20x40)	042, 048	049
59P505-11		Horizontal Units (20x22)	042, 048, 060, 070	049, 064, 072
59P505-03		Horizontal Units (20x25)	060, 070	064, 072

(1) Internal Mount, Electronic Control Board, Sequenced Operation, 15-20kW include Internal Fans.

(2) Internal mount control box, cut assembly external mount, Electronic Control Board, Sequenced Operation, 15-20kW include Internal Fans (Use in Horizontal & Near Discharge Units).

(3) 6 month life (Minimum order qty 2).

(4) Return flow 22-30

(5) Return flow 35-72

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 indicator lights
- Duration™ single speed or dual capacity scroll compressor
- 5-Speed ECM fan motor
- Aluminum air coil
- Optional internal electric heat
- 1" Swivel fittings
- Special gray color powder coated heavy gauge galvanized cabinet
- Factory computer run test
- ARJ/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)

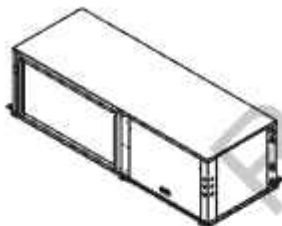
Table GEO-7-A — 2GC Water Source Heat Pumps - Vertical Application

Unit Model No.	Power Supply Voltage/Hz/Phase	Nominal Cooling Capacity (Btu/h) ECM 2 Motor	Dimensions (in.) ⁽¹⁾ H x W x L	Shipping Weight (lbs.)	Nominal Supply Opening (WxD) ⁽²⁾	Nominal Return Opening (DxH) ⁽²⁾	Filter Size (in.)	Water Inlet/Outlet Size	Min Circ Amp ECM 2 Motor	Max Fuse
T2GC024	208-230/60/1	23,100	39.4x22.5x26.5	218	14x14	22x18	20x24	1" Swivel	24.5	35
T2GC036	208-230/60/1	35,100	44.5x22.5x26.5	244	14x14	22x22	20x24	1" Swivel	28.0	40
T2GC048	208-230/60/1	49,000	50.4x25.6x31.6	323	18x18	28x26	28x30	1" Swivel	39.8	60
T2GC060	208-230/60/1	59,900	50.4x25.6x31.6	349	18x18	28x26	28x30	1" Swivel	47.2	70
T2GC072	208-230/60/1	67,000	54.4x25.6x31.6	370	18x18	28x30	36x32	1" Swivel	50.4	80

⁽¹⁾ Vertical Applications

⁽²⁾ 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



- Side air and discharge for horizontal units
- Left or right return locations
- Cabinet design - improved access panels and narrow profile

Table GEO-7-B — 2GC Water Source Heat Pumps - Horizontal Application

Unit Model No.	Power Supply Voltage/Hz/Phase	Nominal Cooling Capacity (Btu/h) ECM 2 Motor	Dimensions (in.) ⁽¹⁾ W x D x H	Shipping Weight (lbs.)	Nominal Supply Opening (HxD) ⁽²⁾	Nominal Return Opening (DxH) ⁽²⁾	Filter Size (in.)	Water Inlet/Outlet Size	Min Circ Amp ECM 2 Motor	Max Fuse
T2GC024	208-230/60/1	23,100	22.5x63.0x19.3	248	10.5x9.5	21.8x16.5	18x24	1" Swivel	24.5	35
T2GC036	208-230/60/1	35,100	22.5x63.0x19.3	270	10.5x9.5	30.5x16.7	20x32	1" Swivel	28.0	40
T2GC048	208-230/60/1	49,000	25.6x72.0x21.3	345	13.6x13.2	35.5x18.6	20x37	1" Swivel	39.8	60
T2GC060	208-230/60/1	59,900	25.6x72.0x21.3	378	13.6x13.2	35.5x18.6	20x37	1" Swivel	47.2	70
T2GC072	208-230/60/1	67,000	25.6x77.0x21.3	389	13.6x13.2	40.4x18.7	09	1" Swivel	50.4	80

⁽¹⁾ Horizontal Applications

⁽²⁾ A2GC072 Horizontal application requires a 20x20 filter and a 20x22 filter.

⁽³⁾ 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

Table GEO-8-A — Optional Accessories 2GC

Model Number	Description	Dual Capacity Models	Used With
Air Pads for Vertical Units			
AP2430	AP High Density Plastic	026	
AP32	AP High Density Plastic	038, 049, 064, 072	
APF2634	APF - 2" PEX Foam, Cutable	026, 038, 049, 064, 072	
Vertical Auxiliary Heaters			
EAM5A	(0)	026, 038	
EAM8A	(0)	026, 038	
EAM10A	(0)	026, 038	
EAL10A	(0)	049, 064, 072	
EAL15A	(0)	049, 064, 072	
EAL20A	(0)	049, 064, 072	
Horizontal Auxiliary Heaters			
EAMH5A	(0)	026, 038	
EAMH8A	(0)	026, 038	
EAMH10A	(0)	026, 038	
EALH10A	(0)	049, 064, 072	
EALH15A	(0)	049, 064, 072	
EALH20A	(0)	049, 064, 072	
Field Installed 1" Filter Rails, Must Order 2 Each Per Unit (Top & Bottom) Note: Filter/Air Cleaner Not Included, Select From Below			
46P626-96T	Vertical 1" Filter Rails	026	
46P628-96T	Vertical 1" Filter Rails	038	
46P628-97T	Vertical 1" Filter Rails	049, 064, 072	
Field Installed 1" Filter Rails, Must Order 2 Each Per Unit (Top & Bottom) Note: Filter/Air Cleaner Not Included, Select From Below			
46P662-01T	Horizontal 1" Filter Rails	026	
46P663-01T	Horizontal 1" Filter Rails	038	
46P661-01T	Horizontal 1" Filter Rails	049, 064	
46P664-01T	Horizontal 1" Filter Rails	072	
Electronic Air Cleaner			
EAC2024	Vertical Units (20x24)	026	
EAC2424	Vertical Units (24x24)	038	
EAC2830	Vertical Units (28x30)	049, 064	
EAC3032	Vertical Units (30x32)	072	
EAC1824	Horizontal Units (18x24)	026, 038	
EAC1832	Horizontal Units (18x32)	049	
EAC2037	Horizontal Units (20x37)	064	
EAC2042	Horizontal Units (20x42)	072	
Disposable Pleated Filters, 1" MERV8			
99P503B12	Vertical Units (20x24)	026	
99P503B27	Vertical Units (24x24)	038	
99P503B28	Vertical Units (28x30)	049, 064	
99P503B21	Vertical Units (30x32)	072	
99P503B07	Horizontal Units (18x24)	026	
99P503B23	Horizontal Units (18x32)	038	
99P503B08	Horizontal Units (20x37)	049, 064	
99P503B02	Horizontal Units (20x20)	072 (0)	
99P503N24	Horizontal Units (20x22)	072 (0)	

(0) Internal Mount, Electronic Control Board, 15-200V Include Internal Fuses

(0) Internal Mount Control Box, Coil Assembly External Mount, Electronic Control Board, 15-200V Include Internal Fuses

(0) 072 Horizontal unit requires both filters to span the width of the filter opening.

Water to Water Packaged Units

1GW Water
Packaged Units

Brand
T = EcoNetWise™

Compressor Type
1 = Single Stage Compressor

Product Category
G = GeoThermal

Product Type
W = Hydronic Packaged System (Water-to-Water)

Normal B1U's
Thousands of B1U's

Discharge Air Configuration
N = None

Return Air Configuration
N = None

Heating and/or Cooling
H = Heating Only
R = Heating and Cooling (Reversible)

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; No Inlet/Start
3 = No Hot Water, Inlet/Start
E = Hot Water Generator without factory installed pump; Inlet/Start

Cooling Options
C = Copper
N = Caprisnickel
L = Source Caprisnickel / Lead Copper
S = Source Copper / Lead Caprisnickel

Control Options
A = Aurora™ Basic Control (ABC)
B = Aurora™ Advanced Control (ABC and AXV)
D = Aurora™ Performance and Refrigeration Package

(1) Available on D4D-D75 only. Hot Water Generator requires field installed external pump kit.
(2) D18-D25 heating only models are available only with copper piping and vented load coils for potable water.

2GW Water
Packaged Units

Brand
T = EcoNetWise™

Compressor Type
2 = Two Stage Compressor

Product Category
G = GeoThermal

Product Type
W = Hydronic Packaged System (Water to Water)

Normal B1U's
Thousands of B1U's

Discharge Air Configuration
1 = Top Mounted Connections
R = Rear Mounted Connections

Return Air Configuration
N = None

Heating and/or Cooling
H = Heating Only
R = Heating and Cooling (Reversible)

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; No Inlet/Start

Cooling Options
C = Copper
N = Caprisnickel

Slower Motor Options
N = None

1GH Water
Packaged Units

Brand
T = EcoNetWise™

Compressor Type
1 = Single Stage Compressor

Product Category
G = GeoThermal

Product Type
H = Hydronic Packaged System (High Temp Water Injection Compressor)

Normal B1U's
Thousands of B1U's (940, 050, 000)

Discharge Air Configuration
N = None

Return Air Configuration
N = None

Heating and/or Cooling
H = Heating Only
R = Heating and Cooling (Reversible)

Voltage/Frequency/Phases
1 = 208-230/60/1

Hot Water Options
0 = No Inlet/Start
2 = Inlet/Start

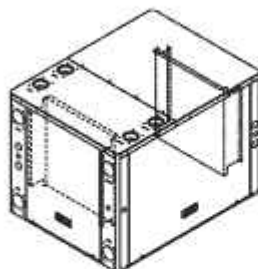
Cooling Options
C = Copper

Slower Motor Options
N = None

NOTES:
110°FSL is standard warranty and included in price.
Aurora™ Advanced Controls
Water 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.

Water to Water Packaged Units



1GW Series

- Extended range operation (20-120°F EWT)
- Earth friendly R-410A refrigerant
- GW Series Aurora™ based controls
- Duration™ Scroll (single speed) compressors
- Expansion valve
- Special gray powder coated cabinet
- Factory computer run test
- ARI/ASHRAE/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**

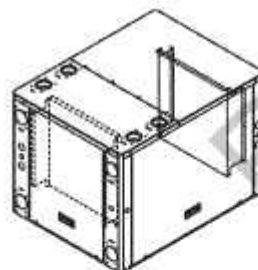
2GW Series

- Ultra-compact 25"W x 33"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 IntelliStart
- Aurora™ Advanced Control package
- 10-year parts and 5-year labor allowance**

Table GEO-10-A — 1GW - 2GW Hydronic Heat Pumps

Unit Model No.	Power Supply Volts/Hz/Phase	Nominal Cooling Capacity (Btu/h)	Nominal Heating Capacity (Btu/h)	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Water Supply and Return Size	Min. Circ. Amp	Max. Fuse
T1GW015	208-230/60/1	17,000	15,000	26 1/8 x 19 5/8 x 23 5/8	213	1	20.1	30
T1GW025	208-230/60/1	24,700	22,000	26 1/8 x 19 5/8 x 23 5/8	247	1	24.1	30
T1GW040	208-230/60/1	37,700	31,000	26 1/8 x 22 5/8 x 31 1/8	305	1	32.2	60
T1GW050	208-230/60/1	51,800	44,000	26 1/8 x 22 5/8 x 31 1/8	340	1 1/2	40.2	60
T1GW060	208-230/60/1	58,000	50,000	26 1/8 x 22 5/8 x 31 1/8	360	1 1/2	44.8	70
T1GW075	208-230/60/1	68,400	62,000	26 1/8 x 22 5/8 x 31 1/8	360	1 1/2	40.8	60
T2GW100	208-230/60/1	100,000	82,000	24 1/2 x 25 5/8 x 33 5/8	395	2	33.0/41.4	60/60
T2GW120	208-230/60/1	114,000	93,000	24 1/2 x 25 5/8 x 33 5/8	395	2	37.6/46.0	60/70
T2GW150	208-230/60/1	147,000	123,000	24 1/2 x 25 5/8 x 33 5/8	395	2	33.0/42.0	60/60
T2GW180	208-230/60/1	165,000	139,000	24 1/2 x 25 5/8 x 33 5/8	415	2	40.1/48.5	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 (20-120°F EWT)
- Hi-Temp (50°F) Leaving Water Temps
- Earth friendly R-410A refrigerant
- Aurora™ Advanced Controls
- Single Stage Vapor Injection Scroll Compressor
- Expansion Valve
- 3 sizes - 040, 050 and 066 Capacity
- Boiler Replacement Option
- Powder coated cabinet
- ARI/ASHRAE/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 (3-6 Tons)

Unit Model No.	Power Supply Volts/Hz/Phase	Nominal Cooling Capacity (Btu/h)	Nominal Heating Capacity (Btu/h)	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 (V)	30,600	34,000	26 1/8 x 22 5/8 x 31 1/8	320	1	29.5	45
T1GH050	208-230/60/1	44,500	45,000	26 1/8 x 22 5/8 x 31 1/8	355	1	37.5	60
T1GH066	208-230/60/1	54,000	55,000	26 1/8 x 22 5/8 x 31 1/8	375	1	39.5	60

*For models not listed and unit details, please refer to the Geothermal Hydronic Heat Pump Product Data publication.

(V) Voltage and soft start available in this area.

Models listed are representative ONLY. Please refer to model nomenclature for product line configuration.

Water to Water Packaged Units

Table GEO-11-A — Optional Accessories 1GW

Model Number	Description	Used With
Circulating Pump Kits		
24S516-10	Load-side low flow pump (Potable Water)	018, 025
EWPK10	Load-side pump kit, 1" cast iron valve	018, 025, 040
EWPK2	Load-side pump kit, 1" bronze valve	018, 025
EWPK30	Load-side pump kit, 1 1/4" cast iron valve	050, 060, 075
13P003B	Low voltage pump signal relay (combined source pumps)	018, 025, 040, 050, 060, 075
Water Connection Kits		
MA4FPT	1" MPT x 1" FPT w/1/4" tap, Load Side W-W	018, 025, 040
MA5FPT	1 1/4" MPT x 1" FPT w/1/4" tap, Load Side W-W	050, 060, 075
2-HVAC-1.00X24	Stainless steel hose kit 1"	018, 025, 040
2-HVAC-1.25X24	Stainless steel hose kit 1 1/4"	050, 060, 075
Hot Water Generator Pump Kit		
DFK5	Includes 230v 1/25 hp pump and fittings	040, 050, 060, 075
Air Pads		
AP2430	AP= High density plastic	018, 025, 040
AP32	AP= High density plastic	050, 060, 075
APF2430	2" PEX foam, cutable	018, 025
APF2034	2" PEX foam, cutable	040, 050, 060, 075

(0) Not for use in 018 and 025 potable water applications.

Table GEO-11-B — Optional Accessories 2GW

Model Number	Description
Hose Kits	
CRSUBY-200-24	2" Stainless Steel hose kit, Y-Strainer, ball valves, and end fittings
Water Connection Kit	
CKNDW1	Source side OR Load side unit fittings, R/T plugs
Large Flow Centers	
FCL1-5028	1 Grundfos 3 speed pump (28 feet of head at 50 GPM)
FCL2-5028	2 Grundfos 3 speed pump (56 feet of head at 50 GPM)
FCL1-5038	1 Grundfos 3 speed pump (38 feet of head at 50 GPM)
FCL2-5038	2 Grundfos 3 speed pump (76 feet of head at 50 GPM)
FCL1-5055	1 Grundfos 3 speed pump (55 feet of head at 50 GPM)
FCL2-5055	2 Grundfos 3 speed pump (110 feet of head at 50 GPM)
Load-Side Pump (pump and 2 "GL" fittings)	
PML22-160	1 Grundfos 3 speed pump (28 feet of head at 50 GPM)
PML40-160	1 Grundfos 3 speed pump (38 feet of head at 50 GPM)
PML40-240	1 Grundfos 3 speed pump (55 feet of head at 50 GPM)
Large Flow Centers Fittings (sets of 2)	
GL5FPT	1.5" FPT X 2" GeoLink
GL8FPT	3" FPT X 2" GeoLink
GL-PFL	Flushing Adapter
Flow Switch Kit	
FFS300	Flow Switch Kit
Connection Kit	
CKSL	1 1/4" MPT X 1 1/4" hose barb, brass elbow w/ 1/4" R/T plugs
Rubber Hose Kit w/ Strainer	
CKSL-XLS	CKSL, 2 - 8' 1 1/4" rubber hose, pair 1 1/4" hose barb x 1 1/4" XL style fittings, steel hose clamps, with mesh bronze strainer

(0) This part can be used for both load and source side. 2 kits must be purchased for fittings for both sides.

(0) Drop shipped from vendor. 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" FPT cast iron volute	040
EWPK3	Load-side pump kit, 1 1/4" cast iron volute	050, 066
13P003B	Low voltage pump signal relay (combined source pumps)	040, 050, 066
Water Connection Kits		
MA4FFT	1" MPT x 1" FPT w/1/4 tps, Load Side W-W	040
MA6FFT	1 1/4" MPT x 1" FPT w/1/4 tps, Load Side W-W	050, 066
WFI-HKM-100-24-M0	Stainless steel hose kit 1"	040
WFI-HKM-125-24-M0	Stainless steel hose kit 1 1/4"	050, 066
Hot Water Generator Pump Kit		
DPK5	Includes 230v 1/25 hp pump and fittings	040, 050, 066
Air Pads		
AP2430	AP= High density plastic	040
AP32	AP= High density plastic	050, 066
APF2634	2" PEX horn, cuttable	040, 050, 066

HydroLogic™ Control

- Water to Water Load Side Zone Control
- Menu Driven Software
- Adjustable setpoints and deadbands
- Three 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
H2C	HydroLogic™ Control Only	All
HLP2EXPU	HydroLogic™ Control 2 Zone Expansion Panel - uninsulated	All
HLP4EXPU	HydroLogic™ 4 Zone Expansion Panel - uninsulated	All
HLP2EXPI	HydroLogic™ 2 Zone Expansion Panel - insulated	All
HLP4EXPI	HydroLogic™ 4 Zone Expansion Panel - insulated	All
HLP3CU	HydroLogic™ Control Panel - Combination Systems - Up to 3 Tons - uninsulated	*2GY
HLP3CU	HydroLogic™ Control Panel - Combination Systems - Up to 6 Tons - uninsulated	*2GY
HLPW3U	HydroLogic™ Control Panel - Water-to-Water Systems - Up to 3 Tons - uninsulated	*1GW, *1GH
HLPW6U	HydroLogic™ Control Panel - Water-to-Water Systems - Up to 6 Tons - uninsulated	*1GW, *1GH
HLP3CI	HydroLogic™ Control Panel - Combination Systems - Up to 3 Tons - insulated	*2GY
HLP3CI	HydroLogic™ Control Panel - Combination Systems - Up to 6 Tons - insulated	*2GY
HLPW3I	HydroLogic™ Control Panel - Water-to-Water Systems - Up to 3 Tons - insulated	*1GW *1GH
HLPW6I	HydroLogic™ Control Panel - Water-to-Water Systems - Up to 6 Tons - insulated	*1GW *1GH
TP42HD1	Touchscreen Thermostat - 4 heat / 2 cool	All
TP10HD1	Radiant Touchscreen Thermostat - 1 heat / 6 cool	All
TA10HD1	Radiant Thermostat - 1 Heat / 6 Cool	All
ADFLD12	Thermostat Adapter Plate	All

Note: H2C is for tank control only with no sensor.
 HydroLogic Parts Supplier Map by Water

Triple Function Hybrid Water to Air Systems

GY Series Hybrid Systems

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 049-072 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 IntelliStart

 2 = Hot Water Generator without factory installed pump
 (022-072 Only) No IntelliStart

3 = No Hot Water, IntelliStart

 5 = Hot Water Generator without factory installed pump
 (022-072 Only) IntelliStart

*Coax Options

C = Copper

N = Cupronickel

L = Source Cupronickel/Load Copper

S = Source Copper/Load Cupronickel

*Blower Motor Options

1 = ECM Blower

2 = Oversized ECM Blower (038 & 049 Only)

Capacities

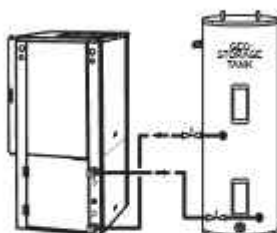
Two Stage = 038, 049, 064, 072

*Select desired options to create specific model number.

Note: The factory installed water option (hot water generator) does not include factory mounted circulating pump or temperature control.

DPWS (ordered separately) includes field installed circulator, hot water tank adaptor, temperature limit and installer instructions.

Triple Function Hybrid Water to Air Systems



- Extended range operation (25-120°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
- Duration™ dual capacity scroll compressor
- ECM variable speed fan motor
- FormShield™ coated air coil
- Expansion valve
- Optional internal electric heat
- 1" Swivel fittings
- Special gray powder coated heavy gauge galvanized cabinet
- Factory computer run test
- ARI/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

Table GEO-15-A — GY Series Hybrid Systems

Unit Model No.	Power Supply Voltage/Hz/Phase	Nominal Cooling Capacity (Btu/h)	Dimensions (in.) H x W x L	Shipping Weight (lbs.)	Supply Opening (WxH)	Return Opening (DxH)	Floor Size	Water Inlet/Outlet Size	Min. Circ. Amp.	Max. Fuse
T2GY038	208-230/60/1	35,200	50.4x25.6x31.6	445	18x18	28x26	28x30	1" Swivel	31.2	45
T2GY049	208-230/60/1	43,800	54.4x25.6x31.6	550	18x18	28x30	32x36	1" Swivel	36.8	50
T2GY064	208-230/60/1	59,400	58.4x25.6x31.6	560	18x18	28x34	36x30	1" Swivel	45.0	70
T2GY072	208-230/60/1	69,100	58.4x25.6x31.6	560	18x18	28x34	36x36	1" Swivel	47.5	70

* For models not listed and unit details, please refer to the Geothermal Heat Pump with Water Heating for Radiant Floor Applications Product Data publication.

Table GEO-15-B — Optional Accessories

Model Number	Description	Used With
Disposable Pleated Filters, 2" MERV11®		
59P509-08	Vertical Units (28x30)	038
59P509-07	Vertical Units (30x32)	048
59P509-06	Vertical Units (30x36)	064, 072
Air Pads for Vertical Units		
AP32	AP - High density plastic	038, 049, 064, 072
APF2034	APF - 2" PEX foam, suitable	038, 049, 064, 072
Vertical Auxiliary Heaters		
EAL10A0	Vertical Auxiliary Heaters	038, 049, 064, 072
EAL15A0	Vertical Auxiliary Heaters	038, 049, 064, 072
EAL20A0	Vertical Auxiliary Heaters	049, 064, 072
Horizontal Auxiliary Heaters		
EALH10A0	Horizontal Units (Rear Discharge Units Only)	038, 049, 064, 072
EALH15A0	Horizontal Units (Rear Discharge Units Only)	038, 049, 064, 072
EALH20A0	Horizontal Units (Rear Discharge Units Only)	049, 064, 072
Hot Water Generator Pump Kit		
HPK30		038, 049, 064, 072

Thermostats (All Controls- 3H, 2C, Dual Fuel Compatible)

AZQNR50AC52ZA	550 Premium Control (Requires Relay Panel)
BAY24VRP5C52DA	24 Volt Interface Relay Panel for 550 Control
ACQNT802AS32DA	Programmable Touch Screen Digital Control
ACQNT803AS32DA	Programmable Touch Screen Digital Control with Dehumidification Control
ACQNT802AN32DA	Non-Programmable Comfort Control

(1) Minimum order qty. 2.

(2) Sequenced Operation, 15-20kW include internal fuses.

(3) Sequenced Operation, 15-20kW include internal fuses. (Rear discharge units only)

(4) Must be purchased with any Y with hot water generator option.

Note: For hydraulic accessories, please see Hydraulic price book.

Models listed are representative ONLY. Please refer to model nomenclature for product line configuration.

Split Heat Pump Units

2GN Indoor Split Heat Pumps

Brand — T = EnviroWise[™]

*Compressor Type — 2 = Two Stage Compressor

(Product Category) — Q = GeoThermal

(Product Type) — N = Premium Split System Interior Grade

Maximal BTU's — Thousands of BTU's

Discharge Air Configuration — N = None

Return Air Configuration — N = None

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
 1 = Hot Water Generator with external factory pump, No Inlet/Start
 3 = Hot Hot Water, Inlet/Start
 4 = Hot Water Generator with external factory pump, Inlet/Start

*Coax Options —
 C = Copper
 N = Copper/Nickel

Blower Motor Options — N = None

Capacitors — Dual = 025, 035, 040, 064

*Select desired options to create specific model number

GE Outdoor Split Heat Pumps

Brand — T = EnviroWise[™]

*Compressor Type — 2 = Two Stage Compressor

(Product Category) — Q = GeoThermal

(Product Type) — E = Premium Split System Exterior Grade

Maximal BTU's — Thousands of BTU's

Discharge Air Configuration — N = None

Return Air Configuration — N = None

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
 3 = No Hot Water, Inlet/Start

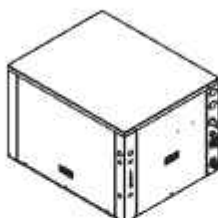
*Coax Options —
 C = Copper
 N = Copper/Nickel

Flow Center Options —
 A = One Pump Flow Center
 B = Two Pump Flow Center

Capacitors — Dual = 025, 035, 040, 064

*Select desired options to create specific model number

Split Heat Pump Units



- Extended range operation (20-120°F EWT)
- Earth friendly R-410A refrigerant
- Duration™ Dual capacity scroll compressor
- Premier 2 microprocessor based controls with fault indicator lights
- Expansion valve
- 1" Swivel fittings
- Special gray 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 — 2GN Indoor 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	Refrigerant Suction Line (in.)	Refrigerant Liquid Line (in.)	Min. Circ. Amp.	Max. Fuse
T2GN026	208-230/60/1	26,280	19.5x22.5x25.5	209	R410A	3/8	1/2	19.9	30
T2GN038	208-230/60/1	35,000	21.25x25.5x31.5	256	R410A	3/8	1/2	24.4	40
T2GN048	208-230/60/1	47,700	21.25x25.5x31.5	270	R410A	3/8	1/2	31.8	50
T2GN064	208-230/60/1	63,100	21.25x25.5x31.5	291	R410A	3/8	1/2	36.3	70

(1) 20" Low Side Length. Consult Guide for other lengths.

* For models not listed and unit details, please refer to the Geothermal Indoor Split Heat Pump Product Data Book.

Table GEO-17-B — Optional Accessories

Model Number	Description	Used With
Air Pads		
AP32	AP= High density plastic	026, 038, 048, 064
APF2E34	APF= 2" PEX foam, cuttable	026, 038, 048, 064
Thermostats (All Controls- 3H, 2C, Dual Fuel Compatible)		
AZONE90BAC52ZA	950 Premium Control (Requires Relay Panel)	
BAV24VRPAC52DA	24 Volt Interface Relay Panel for 950 Control	
ACONT402AN32DA	Non-Programmable Comfort Control	
ACONT824AS42DA	24 Volt Color Touchscreen Control	

Models listed are representative ONLY. Please refer to model nomenclature for product line configuration.

Split Heat Pump Units



- Extended range operation (20-120°F EWT)
- Earth Friendly R-410A Refrigerant
- Rated for outdoor installation
- Premier 2 microprocessor based controls with fault indicator lights
- Duration[™] 2 stage scroll compressor
- Expansion valve
- Gray powder coated heavy gauge galvanized cabinet
- Accumulator on all models
- Factory computer run test
- AR/ASHRAE/ISO 13256-1 performance certified and UL/ETL safety listed
- Internally mounted flow center in cabinet (factory installed)
- 10-year parts and 5-year labor allowance

Table GEO-18-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 Line (1)	Refrigerant Liquid Line (1)	Min CIRC Amp	Max Fuse
T2GE026	208-230/60/1	26,200	26.7x36.0x23.9	209	3/8	1/2	1.7	25
T2GE038	208-230/60/1	35,000	26.7x36.0x23.9	256	3/8	1/2	23.4	40
T2GE049	208-230/60/1	47,700	26.7x36.0x23.9	270	3/8	1/2	27.0	50
T2GE064	208-230/60/1	59,100	26.7x36.0x23.9	281	3/8	1/2	33.4	60
T2GE072	208-230/60/1	62,700	26.7x36.0x23.9	310	3/8	1/2	34	60

(1) 20' Line Set Length. Consult Guide for other lengths.

* For models not listed and unit details, please refer to the Geothermal/Water Source Outdoor Split Heat Pump Product Data publication.

Table GEO-18-B — Optional Accessories

Model Number	Description	All GE Unit Size
Mounting Pad		
AP3042	Brace, 18" 6"x 6" modular construction	
Thermostats (All Controls-3H, 2C, Dual Fuel Compatible)		
AZONE900AC62ZA	950 Premium Control (Requires Relay Panel)	
BAY24VRFAC62DA	24 Volt Interface Relay Panel for 950 Control	
ACONT402AN32DA	Non-Programmable Comfort Control	
ACONT824AS42DA	24 Volt Color Touchscreen Control	

Models listed are representative ONLY. Please refer to model nomenclature for product line configuration.

Air Handlers and Coils

TAMG Air Handler

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	T	A	M	G	S	E	C	S	V	S	I	D	A	
Brand														
T = Enviroware™														
Product Type														
A = Air Handler														
Convertibility														
M = Multi-point 4-way														
Product Line														
G = Best GeoThermal														
Major Design Change														
B = Current														
No Descriptor														
S = Air Handler / Coil														
Size (Footprint)														
A = 17.5 x 23.5														
B = 23.5 x 23.5														
C = 28.5 x 23.5														
Cooling Size: Air Handler or Coil														
(A) = AH Coil - 1000 BTU/h (24, 36, 48, 60)														
Airflow Type & Capability														
V = High CFM Variable, 1-6 - nom. tonnage (Whisper)														
Power Supply														
T = 208-230V/1/60														
System Control Type														
D = Dual (24 VAC / CLUT 115 VAC) (Epoxy Coated)														
Minor Design Change														

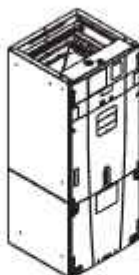
GCX Coils

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	T	G	C	X	C	H	S	S	S	A	A	A	A	
Brand														
T = Enviroware™														
Product Category														
G = GeoThermal														
Product Type														
C = Split System Dual Fuel Coil														
Coil Design														
X = Direct Expansion														
Superior Coil™/V Included														
Coil Material														
C = Copper Coated														
U = Uncoated														
Model Type														
H = HydroHeat Coil														
Nominal Coil Capacity														
Refrigerant Models - Recommended Airflow CFM														
G25 R tdu														835-920
G35 R tdu														1000
G45 R tdu														1425-1525
G55 R tdu														1750
Hydronic Models														1750
Coil Width														
A = 20" / 26"														
Artwork Configuration														
Cased = Multi-point														
Uncoated = Multi-point														
Series														
A = Current														
Voltage														
A = Current														
Blower Design Change - Not Orderable														

Hydronic Air Handler

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	T	G	A	Z	S	R	S	C	S	I	R	S	A	
Brand														
T = Enviroware™														
Product Category														
G = GeoThermal														
Product Type														
A = Split System Air Handler														
Unit Capacity														
Hydronic Models - Recommended Airflow CFM														
25 = 120 R tdu														835
35 = 130 R tdu														1025
45 = 140 R tdu														1525
55 = 150 R tdu														1625
Air Coil Type														
H = Hydronic														
Electric Line														
55 = 1/2" Electric Line														
55 = 3/4" Electric Line														
55 = 1" Electric Line														
55 = 1 1/2" Electric Line														
55 = 2" Electric Line														
Disconnect														
S = Air Handler Installed														
Water/Glycol														
T = TCM Available Only														
Power Supply														
T = 208-230V/1/60														
Application														
M = Multi-Phase														
043-053 Dual-Phase Application Only Requires 100 AMP/100														
System Control Type														
S = Standard - 24 VAC														
Series														
A = Current														

Split Air Handlers



- Unique cabinet design
- 2% or less air leakage
- Double wall foamed cabinet system
- 2 R-4.2 insulating value (Avg. Insulating Value R-8.2)
- No loose fiber design
- Smooth cleanable interior design
- Sweat eliminating design
- Composite foamed cabinet doors
- Water proof cabinet design
- Integrated horizontal drain pans
- Modular cabinet
- Control board protection pocket built into cabinet wall
- Epoxyl coated coil

- Multi-position up/down flow horizontal left/right
- Variable speed ECM motor
- Electronic Expansion Valve (EEV)
- Aluminum coil with integrated slide deck for easy removal and polarized plug connections on coil EEV
- Molded in 1" standard filter rail
- Alert port to view control board codes without door removal
- Vortice[®] blower with polarized plug connections and integrated slide deck 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 200-230F1/S0

Unit Model No.	Cooling Capacity (Btu/h)	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Supply Opening	Return Opening	Filter Size	Line Size Gas / Liquid
TAMGB0A24V21DA	24000	49.5x 17.5x 21.8	126	14.5x 14.35	14.5x 17.15	16x20x1	1/4" / 1/4"
TAMGB0C36V1DA	36000	56.5x 23.5x 21.8	167	20.5x 14.35	20.5x 17.15	22x20x1	1/4" / 1/4"
TAMGB0C48V1DA	48000	61.7x 23.5x 21.8	174	20.5x 14.35	20.5x 17.15	22x20x1	1/4" / 1/4"
TAMGB0C60V1DA	60000	61.7x 23.5x 21.8	175	20.5x 14.35	20.5x 17.15	22x20x1	1/4" / 1/4"

Table GEO-20-B — Optional Accessories

Model Number	Description	Used With
BAYEAAC05BK1AB	5 kW (16400 BTU) electric heater, breakers	TAMGB0A24-C60
BAYEAAC08BK1AB	8 kW (23200 BTU) electric heater, breakers	TAMGB0A24-C60
BAYEAAC10BK1AB	10 kW (32800 BTU) electric heater, breakers	TAMGB0A24-C60
BAYEABC15BK1AB	15 kW (49200 BTU) electric heater, breakers	TAMGB0C36-C60
BAYEABC20BK1AA	20 kW (65600 BTU) electric heater, breakers	TAMGB0C36-C60
BAYWAA008SC1AA	40,000 BTUH, hydronic heater for A cabinet	TAMGB0A24
BAYWACC08SC1AA	80,000 BTUH, hydronic heater for C cabinet	TAMGB0C36-C60
BAYWACC18SC1AA	100,000 BTUH, hydronic heater for C cabinet	TAMGB0C60
BAYSUPFLGAA	Supply Duct Flange A cabinet	TAMGB0A24
BAYSUPFLGCA	Supply Duct Flange C cabinet	TAMGB0C36-C60
BAYRETLGAA	Return Duct Flange A cabinet	TAMGB0A24
BAYRETLGCA	Return Duct Flange C cabinet	TAMGB0C36-C60
TASB175SB090	Plenum Stand with Integrated Sound Baffle A cabinet	TAMGB0A24
TASB235SB090	Plenum Stand with Integrated Sound Baffle C cabinet	TAMGB0C36-C60
MTSRKIT16200	Size Return Kit with 16"x20" Filter	TAMGB0A24-C60
TASSBK175090	Sound Baffle Kit 17.5" Cabinet	TAMGB0A24
TASSBK235090	Sound Baffle Kit 23.5" Cabinet	TAMGB0C36-C60
BAYSPEKT200	Single Power Entry Kit	TAMGB0A24-C60
BAYSROKIT100	Size Return Kit	TAMGB0A24-C60
BAYC3K0T01	Internal Condensate Switch Kit	TAMGB0A24-C60
BAYHHKIT001	Horizontal Hanger Kit	TAMGB0A24-C60
BAYVVCUK001	UV Lights	TAMGB0A24-C60
BAYLVKIT100	Low Voltage Conduit Entry Kit	TAMGB0A24-C60

(A) A Cabinet is 17.5" wide and C Cabinet is 23.5" wide.

(B) Contact your distributor for information.

(C) In return plenum applications, use TASSB0A kit for sound reduction.

(D) In open air applications, Plenum Stand with Sound Baffle provides sound reduction.

Models listed are representative ONLY. Please refer to model nomenclature for product line configuration.

Heaters - Split Air Handlers

Table GEO-21-A — Heaters

AIR HANDLER	HEATER MODEL NUMBER BAYEA-					
MODEL NUMBER	AC05BK1BA 4.80 Kw BK	AC06BK1BA 7.68 Kw BK	AC10BK1BA 9.60 Kw BK	BC15BK1BA 14.40 Kw BK	BC20BK1BA 19.20 Kw BK	CC25BK1BA 24.00 Kw BK
TAMGB0A24V21DA	Y	Y	Y	—	—	—
TAMGB0C36V31DA	Y	Y	Y	Y	Y	—
TAMGB0C48V41DA	Y	Y	Y	Y	Y	Y
TAMGB0C60V51DA	Y	Y	Y	Y	Y	Y

Hydronic Air Handlers



- Heavy gauge galvanized steel with metallic silver powder coat finish
- Full interior cabinet insulated with 1/2" foil faced acoustic fiber insulation
- Multi-Phase configuration
- 2-Piece separable cabinet for ease of installation
- Slide out blower assembly
- Full ECM 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/Phases	Rated Airflow (CFM)	Dimensions (in.) H x W x L	Shipping Weight (lbs.)	Supply Opening (in.)	Return Opening (in.)	Filter Size	Water Inlet/Outlet Size	Min Circ Amp	Max Fuse
TGA29H	208-230/60/1	925	57.3x21.0x26.1	220	18x18	17x22	20x24	7/8"	5	10
TGA36H	208-230/60/1	1225	57.3x21.0x26.1	220	18x18	17x22	20x24	7/8"	5	10
TGA48H	208-230/60/1	1625	57.3x21.0x26.1	220	18x18	17x22	20x24	7/8"	8.8	15
TGA60H	208-230/60/1	1760	57.3x21.0x26.1	220	18x18	17x22	20x24	7/8"	8.8	15

GCX - Coils



- "A" 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)	Case/Cabinet Dimensions (in.) H x W x D	Supply Connection Width/Depth	Uncoiled Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Hydronic Connection In/Out	Condensate Drain Connection, FTF
TGCXCR026	T2GN/GEO26	925	29.1x20.8x26.0	19.0/24.1	20.7x20.0x24.9	100	N/A	1/4"
TGCXCR036	T2GN/GEO36	1225	29.1x20.8x26.0	19.0/24.1	20.7x20.0x24.9	100	N/A	1/4"
TGCXCR046	T2GN/GEO46	1625	29.1x20.8x26.0	19.0/24.1	20.7x20.0x24.9	100	N/A	1/4"
TGCXCR060	T2GN/GEO64	1760	29.1x20.8x26.0	19.0/24.1	20.7x20.0x24.9	100	N/A	1/4"
TGCXCR060	T2GN/GEO72	1760	29.1x20.8x26.0	19.0/24.1	20.7x20.0x24.9	100	N/A	1/4"
TGCXCH060	T2GN/GEO64	1760	N/A	19.0/24.1	25.2x20.0x24.9	100	1/4"	1/4"

Models listed are representative ONLY. Please refer to model nomenclature for product line configuration.

Standard Accessories

Table GEO-23-A — Accessories

Model Number	Description
GL Flow Centers and Accessories:	
Pre-assembled with pump(s), 3-way valves with flush ports, internal components injected with foam. Horizontal or vertical mounting capability. GL features a Die Cast Brass valve and pump volute, high-impact polystyrene cabinet, GLSPES, and uses GeoLink Connection Kit.	
FC1-GL	1 Grundfos Pump
FC2-GL	2 Grundfos Pumps
2 Brass adapters with R/T plugs for unit connector, 10' reinforced 1" rubber hose for unit to flow center and two 1" GL x 1" hose barb for flow center connection.	
CK4L-GL1	Unit Connection Kit 1" GL x 1" Insert
Rubber Hose	
1" rubber hose for connection from unit to flow center	
RH550	50' of 1" Rubber Hose
Geo Storage Tank	
Use with Hot Water Generator Option or Hydronic Storage.	
GEO-STORAGE-80	63 1/2" x 24
GEO-STORAGE-120	63 1/2" x 28
Loop Expansion Tank	
LET	1 1/2" Socket Fusion, 1/2 Gallon Capacity
Anti-Freeze	
EN2-D	55 Gallon Drum - Environol 2000 Pure
EN2-P	5 Gallon Pail - Environol 2000 Pure (minimum order quantity for EN2-P is 5 pails)
IntelliZone2-24V with Master Stat 4 Zone Control - with Cabinet and 10' Blower Wiring Harness	
IntelliZone2-24V Non communicating zone system that operates on typical 24VAC output. Multiple level zone calls communicate exact zone load requirements. Controls up to 4 zones w/ideal capacity compressor, and 2 wire/1/2 speed compressor. Zone sizes as small as 25% of whole house. Individual zone selectable economy or comfort mode. Separate staging options for heating and cooling. Kit includes - IntelliZone2-24V conversion board, IntelliZone2 relay board, Communicating MasterStat and outdoor temperature sensor.	
ZoneStat	Zone Thermostat
SensorStat	Zone Sensor Thermostat
Z2TK	Zone Transformer Kit - 208/240V - 24V
Earth Loop Flushing System⁽¹⁾	
High volume, high head, self-priming pump. Quick connect hoses. Heavy duty design. Mounted on a cart. All pipe is schedule 80 polypropylene.	
LFC-F	
GL-FP	1" Cam Lever Male Elbow for Flush Port
Adapter Sets	
2 pps. included in each set.	
B2B025-99	Unit Connector Insulation Kit
GLGH	Garden Hose Adapter for Loop Pump Replacement
Service Tool Kit	
Includes 0-100 PSI Pressure Gauge, Pressure Gauge to R/T Port Adapter, Digital Thermometer, Loop Pressurizer, Alcohol Specific Gravity Hydrometer.	
GEO-THERMAL-STK	99P247A01, LP1, CAMT, 11P53BA01, 11P53BA02 (Includes DPT168, PG100, GA120)
Intelli Start Kit	
Soft start retrofit kit, reduces locked rotor amps, reduces light flicker, compressor voltage protection	
IS60RKS	Up to 2.5 Ton Unit
IS60RKL	3 Ton and Larger

Ductless Single Zone System
Single Phase – 3/4 - 3 Tons

4TXK38



4MXW38

Table DU-1-A — 38 Series R-410A Single Zone System HP — Single Phase, 1/2 to 2 Ton⁽¹⁾

Outdoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTU/h)	Uncoiled Dimensions (in) W D H	Shipping Weight (lbs)	Sound Pressure Level**	MCA [†]	Max. Fuse (A) [†]	Line Size (in) OD Gas OD Liq.
4TXK3809A10NUA	208-230/1/60	9,000	35.4 14.9 23.5	105.8	53	9	15	1/2 1/4
4MXW3809A10NUA	208-230/1/60		39.2 8.9 11.9	36.4	19-44			1/2 1/4
4TXK3812A10NUA	208-230/1/60	12,000	35.4 14.9 23.5	105.8	53	9	15	1/2 1/4
4MXW3812A10NUA	208-230/1/60		39.2 8.9 11.9	36.4	22-49			1/2 1/4
4TXK3818A10NUA	208-230/1/60	18,000	39.4 16.8 31.1	152.1	59	22	30	3/4 1/2
4MXW3818A10NUA	208-230/1/60		43.3 9.6 12.9	44.1	34-51			3/4 1/2
4TXK3824A10NUA	208-230/1/60	22,000	39.4 16.8 31.1	152.1	59	22	35	3/4 1/2
4MXW3824A10NUA	208-230/1/60		43.3 9.6 12.9	44.1	37-52			3/4 1/2



4TXK27



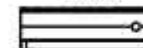
4MXW27

Table DU-1-B — 27 Series R-410A Single Zone System HP — Single Phase, 1/2 to 2 Ton⁽¹⁾

Outdoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTU/h)	Uncoiled Dimensions (in) W D H	Shipping Weight (lbs)	Sound Pressure Level**	MCA [†]	Max. Fuse (A) [†]	Line Size (in) OD Gas OD Liq.
4TXK2709A10NDA	208-230/1/60	9,000	35.4 14.9 23.5	91.3	49	10	15	1/2 1/4
4MXW2709A10NDA	208-230/1/60		34.1 8.2 11.5	30.9	23-42			1/2 1/4
4TXK2712A10NDA	208-230/1/60	12,000	35.4 14.9 23.5	91.3	49	10	15	1/2 1/4
4MXW2712A10NDA	208-230/1/60		34.1 8.2 11.5	30.9	24-44			1/2 1/4
4TXK2718A10NDA	208-230/1/60	18,000	37.6 15.6 27.6	119.0	56	15	20	3/4 1/2
4MXW2718A10NDA	208-230/1/60		40.0 9.1 12.6	38.6	33-51			3/4 1/2
4TXK2724A10NDA	208-230/1/60	24,000	38.6 16.8 31.1	165.3	59	20	30	3/4 1/2
4MXW2724A10NDA	208-230/1/60		46.4 10.4 12.9	47.4	38-52			3/4 1/2



4TXK86



4MXW86

Table DU-1-C — 86 Series R-410A Single Zone System HP — Single Phase, 1/2 to 3 Ton⁽¹⁾

Outdoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTU/h)	Uncoiled Dimensions (in) W D H	Shipping Weight (lbs)	Sound Pressure Level**	MCA [†]	Max. Fuse (A) [†]	Line Size (in) OD Gas OD Liq.
4TXK8609A10NDC	208-230/1/60	9,000	33.4 12.6 21.3	90.3	50	10	15	1/2 1/4
4MXW8609A10NDC	208-230/1/60		33.3 7.1 10.8	28.6	32-42			1/2 1/4
4TXK8612A10NDC	208-230/1/60	12,000	33.4 12.6 21.3	90.9	52	10	15	1/2 1/4
4MXW8612A10NDC	208-230/1/60		33.3 7.1 10.8	28.6	33-44			1/2 1/4
4TXK8618A10NDC	208-230/1/60	18,000	37.6 15.6 27.6	110.1	55	15	20	3/4 1/2
4MXW8618A10NDC	208-230/1/60		37 7.0 11.7	37.4	35-49			3/4 1/2
4TXK8624A10NDC	208-230/1/60	21,400	38.6 16.8 31.1	145.3	58	15	20	3/4 1/2
4MXW8624A10NDC	208-230/1/60		38.6 8.6 12.4	45.2	37-53			3/4 1/2
4TXK8636A10NDC	208-230/1/60	33,600	38.6 16.8 31.1	170	65	20	35	3/4 1/2
4MXW8636A10NDC	208-230/1/60		53.1 10 12.8	59.5	53-59			3/4 1/2

⁽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 (p3.3.3.3, dB (A))

Ductless Single Zone System

Single Phase – 3/4 - 2 Tons



4TXK23



4MXW23

Table DU-2-A — 23 Series R-410A Single Zone System HP — Single Phase, 1/2 to 3 Ton⁽¹⁾⁽²⁾

Outdoor Model Number Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTU/h)	Unrated Dimensions (in) W D H	Shipping Weight (lb)	Sound Pressure Level**	MCA*	Max. Fuse (A)	Line Size (in) OD Gas OD Lq.
4TXK2309A10N0A	208-230/1/60	9,000						
4MXW2309A10N0A	208-230/1/60							
4TXK2312A10N0A	208-230/1/60	12,000						
4MXW2312A10N0A	208-230/1/60							
4TXK2318A10N0A	208-230/1/60	18,000						
4MXW2318A10N0A	208-230/1/60							
4TXK2324A10N0A	208-230/1/60	24,000						
4MXW2324A10N0A	208-230/1/60							
4TXK2330A10N0A	208-230/1/60	30,000						
4MXW2330A10N0A	208-230/1/60							
4TXK2336A10N0A	208-230/1/60	36,000						
4MXW2336A10N0A	208-230/1/60							



4TXK16



4MXW16

Table DU-2-B — 16 Series R-410A Single Zone System HP — Single Phase, 1/2 to 2 Ton⁽¹⁾⁽²⁾

Outdoor Model Number Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTU/h)	Unrated Dimensions (in) W D H	Shipping Weight (lb)	Sound Pressure Level**	MCA*	Max. Fuse (A)	Line Size (in) OD Gas OD Lq.
4TXK1609A10N0A	208-230/1/60	9,000	30.6 12.6 21.3	70.6	52	9	15	1/4 1/4
4MXW1609A10N0A	208-230/1/60		31.1 7.9 10.8	24.3	28-43			1/4 1/4
4TXK1612A10N0A	208-230/1/60	12,000	30.6 12.6 21.3	75	53	9	15	1/4 1/4
4MXW1612A10N0A	208-230/1/60		33.3 8.2 11.4	26.7	29-45			1/4 1/4
4TXK1618A10N0A	208-230/1/60	18,000	37.6 15.6 27.6	105.8	56	16	25	1/2 1/4
4MXW1618A10N0A	208-230/1/60		38.2 8.8 11.8	36.4	35-46			1/2 1/4
4TXK1624A10N0A	208-230/1/60	22,000	37.6 15.6 27.6	120.2	59	16	25	1/2 1/4
4MXW1624A10N0A	208-230/1/60		42.4 9.7 12.8	45.2	36-48			1/2 1/4



4TYK16



4MYW16

Table DU-2-C — 16 Series R-410A Single Zone System AC — Single Phase, 1/2 to 2 Ton⁽¹⁾⁽²⁾

Outdoor Model Number Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTU/h)	Unrated Dimensions (in) W D H	Shipping Weight (lb)	Sound Pressure Level**	MCA*	Max. Fuse (A)	Line Size (in) OD Gas OD Lq.
4TYK1609A10N0A	208-230/1/60	9,000	30.6 12.6 21.3	71.7	52	9	15	1/4 1/4
4MYW1609A10N0A	208-230/1/60		31.1 7.9 10.8	24.3	28-43			1/4 1/4
4TYK1612A10N0A	208-230/1/60	12,000	30.6 12.6 21.3	76.1	53	9	15	1/4 1/4
4MYW1612A10N0A	208-230/1/60		33.3 8.2 11.4	28.7	29-45			1/4 1/4
4TYK1618A10N0A	208-230/1/60	18,000	37.6 15.6 27.6	100.3	56	16	25	1/2 1/4
4MYW1618A10N0A	208-230/1/60		38.2 8.8 11.8	36.4	35-46			1/2 1/4
4TYK1624A10N0A	208-230/1/60	22,000	37.6 15.6 27.6	113.6	59	16	25	1/2 1/4
4MYW1624A10N0A	208-230/1/60		42.4 9.7 12.8	45.2	36-48			1/2 1/4

(1) Refer to the AHRI Directory for certified combinations and product performance.

(2) Do not install a 4179S outdoor unit with a 4MYW16 indoor unit or a 4176/16 outdoor unit with a 4MYW16 indoor unit.

OD Values 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 production.

** Sound Pressure Level @3.5 ft. @ 1A.

Ductless Single-Zone Units

Table DU-3-A — Features

	4TXK38 Single Zone HP up to 38 SEER	4TXK27 Single Zone HP up to 27 SEER	4TXK35 Single Zone HP 18 SEER	4TXK18 Single Zone HP 16 SEER	4TYK18 Single Zone AC 16 SEER
• R410-A refrigerant.....	✓	✓	✓	✓	✓
• Nominal capacity 9-24 MBH.....	✓	✓	✓	✓	✓
• Nominal capacity 9-36 MBH.....	✓	✓	✓	✓	✓
• Cooling efficiency 16 SEER.....	✓	✓	✓	✓	✓
• Cooling efficiency range 16-22 SEER.....	✓	✓	✓	✓	✓
• Cooling efficiency range up to 27 SEER.....	✓	✓	✓	✓	✓
• Cooling efficiency range up to 38 SEER.....	✓	✓	✓	✓	✓
• Heating efficiency range 8.2-15 HSPF.....	✓	✓	✓	✓	✓
• Heat Pump.....	✓	✓	✓	✓	✓
• Crankcase heater.....	✓	✓	✓	✓	✓
• Fan heater.....	✓	✓	✓	✓	✓
• 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 americanstandard.com or by phone at 800-554-0205, otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASDuctless.com.

Table DU-3-B — Optional Outdoor Unit Accessories

Model Number	Description	4TXK38 Single Zone HP up to 38 SEER	4TXK27 Single Zone HP up to 27 SEER	4TXK35 Single Zone HP 18 SEER	4TXK18 Single Zone HP 16 SEER	4TYK18 Single Zone AC 16 SEER
TAYREFLN050.....	Lineset Kit 1/4" x 1/4" - 25'	✓	✓	✓	✓	✓
TAYREFLN055.....	Lineset Kit 1/4" x 1/4" - 35'	✓	✓	✓	✓	✓
TAYREFLN060.....	Lineset Kit 1/4" x 1/4" - 50'	✓	✓	✓	✓	✓
TAYREFLN060.....	Lineset Kit 1/4" x 1/4" - 25'	✓	✓	✓	✓	✓
TAYREFLN065.....	Lineset Kit 1/4" x 1/4" - 35'	✓	✓	✓	✓	✓
TAYREFLN070.....	Lineset Kit 1/4" x 1/4" - 50'	✓	✓	✓	✓	✓
TAYREFLN155.....	Lineset Kit 1/4" x 1/4" - 25'	✓	✓	✓	✓	✓
TAYREFLN160.....	Lineset Kit 1/4" x 1/4" - 35'	✓	✓	✓	✓	✓
TAYREFLN165.....	Lineset Kit 1/4" x 1/4" - 50'	✓	✓	✓	✓	✓

Table DU-3-C — Optional Indoor Unit Accessories

Model Number	Description	4MXW35 Single Zone Indoor 38 SEER	4MXW35 & 27 Single Zone Indoor 18 & 27 SEER	4MXW18 Single Zone Indoor 16 SEER	4MYW18 Single Zone Indoor 16 SEER
BAYFTHW01P2A.....	Active Carbon & Catechin filters (9 & 12 MBH) 16 SEER units.....	✓	✓	✓	✓
BAYFTHW02P2A.....	Active Carbon & Catechin filters (18 & 24 MBH) 16 SEER units and 9, 12, 18 & 24 MBH 18, 27 & 38 SEER units.....	✓	✓	✓	✓
BAYFTHW03P2A.....	Active Carbon & Catechin filters for 36 MBH 18 & 27 SEER units.....	✓	✓	✓	✓
AREM02E2AHANDAA.....	Wireless controller.....	✓	✓	✓	✓
TREWIRE1AHANDAA.....	Wired Controller (not compatible with 4MXW35 14th digit B models).....	✓	✓	✓	✓
AREPROG1AHANDAA.....	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.

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 Ton⁽¹⁾⁽²⁾⁽³⁾

Outdoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTU/h)	Unrated Dimensions (in.)			Shipping Weight (lbs)	Sound Pressure Level**	Max. Fuse (A) ³	Piping Size (in.)		No. of Circuits	
			W	D	H			MCA ⁴	OD Gas	OD Liq.		
4TXM2218A12NDA	208-230/1/60	18,000	37.6	15.6	27.6	124.6	55	16	25	1/4	1/2	2
4TXM2221A13NDA	208-230/1/60	21,000	38.6	16.8	31.1	164.3	59	23	30	1/4	1/2	3
4TXM2224A14NDA	208-230/1/60	24,000	38.6	17.3	31.1	167.6	59	20	30	1/4	1/2	4
4TXM2230A15NDA	208-230/1/60	30,000	42.8	17.3	43.4	216.1	61	23	35	1/4	1/2	5
4TXM2236A15NDA	208-230/1/60	34,000	42.8	17.3	43.4	216.1	61	26	35	1/4	1/2	5
4TXM2242A15NDA	208-230/1/60	42,000	42.8	17.3	43.4	216.1	61	26	35	1/4	1/2	5



4MXW27

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 (BTU/h)	Unrated Dimensions (in.)			Shipping Weight (lbs)	Sound Pressure Level**	Max. Fuse (A) ³	Line Size (in.)	
			W	D	H				OD Gas	OD Liq.
4MXW2709A10NDA	208-230/1/60	9,000	34.1	8.2	11.5	70.9	23-42		1/4	1/4
4MXW2712A10NDA	208-230/1/60	12,000	34.1	8.2	11.5	80.9	24-44		1/4	1/4
4MXW2718A10NDA	208-230/1/60	18,000	40.0	9.1	12.6	86.6	33-51		1/4	1/4
4MXW2724A10NDA	208-230/1/60	24,000	46.4	10.4	12.8	87.4	38-52		1/4	1/4



4MXC85

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 (BTU/h)	Unrated Dimensions (in.)			Shipping Weight (lbs)	Sound Pressure Level**	Max. Fuse (A) ³	Line Size (in.)	
			W	D	H				OD Gas	OD Liq.
4MXC8512A10NDA	208-230/1/60	12,000	22.4	22.4	9.1	50.7	37-46		1/4	1/4
4MXC8518A10NDA	208-230/1/60	14,400	22.4	22.4	9.1	50.7	37-46		1/4	1/4
4MXC8524A10NDA	208-230/1/60	22,800	33.1	33.1	9.5	63.8	35-39		1/4	1/4

Cassette Cover Panels (round for ordered separately)

Model Number	Description	Matches Cassette HP Model(s)
4MXL8518A10NDA	Cover Panel 25.59 x 25.59 x 1.87	4MXC8512 & 4MXC8518
4MXL8524A10NDA	Cover Panel 37.40 x 37.40 x 2.36	4MXC8524



4MXF86

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 (BTU/h)	Unrated Dimensions (in.)			Shipping Weight (lbs)	Sound Pressure Level**	Max. Fuse (A) ³	Line Size (in.)	
			W	D	H				OD Gas	OD Liq.
4MXF8509A10NDA	208-230/1/60	9,000	27.6	23.6	8.5	39.7	25-36		1/4	1/4
4MXF8512A10NDA	208-230/1/60	12,000	27.6	23.6	8.5	39.7	27-38		1/4	1/4
4MXF8518A10NDA	208-230/1/60	18,000	27.6	23.6	8.5	39.7	33-44		1/4	1/4

(1) Refer to the AHRI Directory for certified combinations and product performance.

(2) Because of limited capacities, 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 @13 ft. @5 (A)

Ductless Multi-Zone System

Single Phase – 1½ - 3½ Tons



4MXD86



4MXX86

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 (BTU/h)	Unrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)	Line Size (in)	
			W	D	H					OD Gas	OD Liq.
4MXD8509A10NDA	208-230/1/60	8,500	27.6	24.2	7.9	59.5	19-27			¾	1 ¼
4MXD8512A10NDA	208-230/1/60	11,900	27.6	24.2	7.9	63.9	30-39			¾	1 ¼
4MXD8516A10NDA	208-230/1/60	15,300	35.4	24.2	7.9	79.4	30-41			¾	1 ¼
4MXD8521A10NDA	208-230/1/60	20,400	43.3	24.2	7.9	90.4	32-42			¾	1 ¼
4MXD8524A10NDA	208-230/1/60	23,800	43.3	24.2	7.9	90.4	32-42			¾	1 ¼

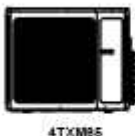
Table DU-5-B — R-410A Multi-Zone System Floor/Ceiling HP — Single Phase⁽¹⁾

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTU/h)	Unrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)	Line Size (in)	
			W	D	H					OD Gas	OD Liq.
4MXX8509A10NDA	208-230/1/60	8,500	48.0	27.6	8.9	110.2	33-40			¾	1 ¼
4MXX8512A10NDA	208-230/1/60	11,900	48.0	27.6	8.9	110.2	33-40			¾	1 ¼
4MXX8516A10NDA	208-230/1/60	17,000	48.0	27.6	8.9	110.2	38-45			1 ¼	1 ¼
4MXX8524A10NDA	208-230/1/60	22,800	48.0	27.6	8.9	110	20-48			¾	1 ¼

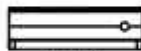
⁽¹⁾ See AHRI for allowable combinations and ratings.

* Information subject to change. Please consult with current Product Data for current factory specifications.

** Sound Pressure Level @3.3 ft. (1 ft.)

Ductless Multi-Zone System
Single Phase – 1½ - 3½ Tons

4TXM85



4MXW85



4MXC85



4MXL85



4MXF85



4MXD85



4MXX85

Table DU-6-A — R-410A 65 Series Multi-Zone System HP — Single Phase, 1½ to 3½ Tons (6500)

Outdoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTU/h)	Unrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level**	Max. Fuse (A)*	Line Size (in)		No. of Circuits
			W	D	H				OD Gas	OD Liq	
4TXM618A1020C	208-230/1/60	18,000	35.4	14.9	23.5	105.6	56	15	3/4	1/2	2
4TXM624A1030C	208-230/1/60	24,000	37.2	15.8	27.6	145.2	59	20	3/4	1/2	3
4TXM630A1040C	208-230/1/60	30,000	37.2	15.6	27.6	147.4	59	26	4/5	1/2	4
4TXM636A1040C	208-230/1/60	34,000	36.2	16.8	31.1	164.9	59	28	4/5	1/2	4
4TXM642A1050C	208-230/1/60	42,000	40.0	17.3	43.4	246.4	58	26	4/5	1/2	5

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 (BTU/h)	Unrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Line Size (in)	
			W	D	H					OD Gas	OD Liq
4MXW8509A10N0C	208-230/1/60	9,000	23.3	7.1	10.8	28.6	32-42			1/2	1/4
4MXW8512A10N0C	208-230/1/60	12,000	33.3	7.1	10.8	28.6	33-44			1/2	1/4
4MXW8518A10N0C	208-230/1/60	18,000	37	7.9	11.7	37.4	35-49			1/2	1/4
4MXW8524A10N0C	208-230/1/60	24,000	39.6	8.8	12.4	46.2	37-53			1/2	1/4

Table DU-6-C — R-410A Multi-Zone System Cassette HP — Single Phase

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTU/h)	Unrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Line Size (in)	
			W	D	H					OD Gas	OD Liq
4MXC8512A10N0A	208-230/1/60	12,000	22.4	22.4	9.1	50.7	37-46			1/2	1/4
4MXC8518A10N0A	208-230/1/60	14,400	22.4	22.4	9.1	50.7	37-46			1/2	1/4
4MXC8524A10N0A	208-230/1/60	22,800	33.1	33.1	9.5	83.8	35-39			1/2	1/4

Cassette Cover Panels (must be ordered separately)

Model Number	Description	Matches Cassette HP Model(s)
4MXL8516A10N0A	Cover Panel 25.59 x 25.59 x 1.97	4MXC8512 & 4MXC8518
4MXL8524A10N0A	Cover Panel 37.40 x 37.40 x 2.36	4MXC8524

Table DU-6-D — R-410A Multi-Zone System Console HP — Single Phase

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTU/h)	Unrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Line Size (in)	
			W	D	H					OD Gas	OD Liq
4MXF8509A10N0A	208-230/1/60	9,000	27.6	23.6	8.5	39.7	25-36			1/2	1/4
4MXF8512A10N0A	208-230/1/60	12,000	27.6	23.6	8.5	39.7	27-38			1/2	1/4
4MXF8518A10N0A	208-230/1/60	18,000	27.6	23.6	8.5	39.7	33-44			1/2	1/4

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 (BTU/h)	Unrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Line Size (in)	
			W	D	H					OD Gas	OD Liq
4MXD8509A10N0A	208-230/1/60	8,500	27.6	24.2	7.9	59.5	19-27			1/2	1/4
4MXD8512A10N0A	208-230/1/60	11,900	27.6	24.2	7.9	63.9	30-39			1/2	1/4
4MXD8518A10N0A	208-230/1/60	15,300	35.4	24.2	7.9	79.4	30-41			1/2	1/4
4MXD8524A10N0A	208-230/1/60	20,400	43.3	24.2	7.9	90.4	32-42			1/2	1/4
4MXD8524A10N0A	208-230/1/60	23,800	43.3	24.2	7.9	90.4	32-42			1/2	1/4

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 (BTU/h)	Unrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Line Size (in)	
			W	D	H					OD Gas	OD Liq
4MXX8509A10N0A	208-230/1/60	8,500	48.0	27.6	8.9	110.2	33-40			1/2	1/4
4MXX8512A10N0A	208-230/1/60	11,900	48.0	27.6	8.9	110.2	33-40			1/2	1/4
4MXX8518A10N0A	208-230/1/60	17,000	48.0	27.6	8.9	110.2	38-45			1/2	1/4
4MXX8524A10N0A	208-230/1/60	22,800	48.0	27.6	8.9	119	29-48			1/2	1/4

① Units are modified with 450V/50 indoor units.

② Refer to the AHRI Directory for certified combinations and product performance.

③ Because of limited capacities, please refer to the product ratings for approved combinations.

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

** Sound Pressure Level @ 3.15 kHz (A).

Ductless Multi-Zone Outdoor Unit

Table DU-7-A — Features

	4TXM22 Multi-split 22 SEER	4TXM86 Multi-split 16 SEER
• R410A 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 16 SEER	✓	✓
• Heating efficiency of 9-10.5 HSPF	✓	✓
• Heating efficiency of 8.2 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 cooling to 0°F	✓	✓
• Low ambient heating to -4°F	✓	✓
• Low ambient heating to 5°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 americanstandard.com or by phone at 800-554-8105; otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASDwaterford.com.

Table DU-7-B — Optional Outdoor Unit Accessories

Model Number	Description	4TXM22 Multi-split 22 SEER	4TXM86 Multi-split 16 SEER
TAYREFLN050	Lineset Kit 1/4" x 1/2" - 25'	✓	✓
TAYREFLN055	Lineset Kit 1/4" x 1/2" - 35'	✓	✓
TAYREFLN060	Lineset Kit 1/4" x 1/2" - 50'	✓	✓
TAYREFLN065	Lineset Kit 1/4" x 1/2" - 25'	✓	✓
TAYREFLN065	Lineset Kit 1/4" x 1/2" - 35'	✓	✓
TAYREFLN070	Lineset Kit 1/4" x 1/2" - 50'	✓	✓
TAYREFLN155	Lineset Kit 1/4" x 1/2" - 25'	✓	✓
TAYREFLN160	Lineset Kit 1/4" x 1/2" - 35'	✓	✓
TAYREFLN165	Lineset Kit 1/4" x 1/2" - 50'	✓	✓

Table DU-7-C — Optional Indoor Unit Accessories

Model Number	Description	4MXW86 ⁽¹⁾ Multi Zone Indoor up to 22 SEER	4MXW27 ⁽²⁾ Multi Zone Indoor up to 22 SEER	4MXC86 Multi Zone Indoor up to 22 SEER	4MXD86 Multi Zone Indoor up to 22 SEER	4MXF86 Multi Zone Indoor up to 22 SEER	4MXX86 Multi Zone Indoor up to 22 SEER
AREMTE2AHANDAA	Wireless controller	✓	✓	✓	✓	✓	✓
TREWIRE1AHANDAA	Wired Controller	✓	✓	✓	✓	✓	✓
AREPROG1AHANDAA	Programmable wired controller	✓	✓	✓	✓	✓	✓

⁽¹⁾ Match with 4TXM86 Multi-split 16 SEER Heat Pump

⁽²⁾ Match with 4TXM22 Multi-split 22 SEER Heat Pump

American Standard AccuFlex™
C-Series Single Zone U-Match SystemTable 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 (BTU/h)	Uncolored Dimensions (in.)			Shipping Weight (lbs)	Sound Pressure Level**	MCA†	Max. Fuse (A)†	Line Size (in.)	
			W	D	H					OD Gas	OD Liq.
4TUK4512A10N0A	208-230/1/60	12,000	33.1	13.5	21.5	79.8	48/48	10.7	15	3/4	3/4
4TUK4518A10N0A	208-230/1/60	18,000	34.6	14.3	25.1	88.8	48/48	10.0	15	3/4	3/4
4TUK4524A10N0A	208-230/1/60	24,000	37.1	15.1	29.7	142.0	50/50	14.0	20	3/4	3/4
4TUK4530A10N0A	208-230/1/60	30,000	37.1	15.1	39.7	154.0	50/50	24.0	30	3/4	3/4
4TUK4536A10N0A	208-230/1/60	36,000	37.1	15.1	48.0	194.0	49/51	26.5	40	3/4	3/4
4TUK4542A10N0A	208-230/1/60	42,000	37.1	15.1	48.0	194.0	51/53	26.5	40	3/4	3/4
4TUK4548A10N0A	208-230/1/60	48,000	37.1	15.1	48.0	194.0	53/55	26.5	40	3/4	3/4



4TUK45

Table DU-8-B — C-Series R-410A Single Zone ProCool Low Ambient Cooling Outdoor Unit - Single Phase,
1 1/2 to 3 Ton⁽¹⁾⁽²⁾

Outdoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTU/h)	Uncolored Dimensions (in.)			Shipping Weight (lbs)	Sound Pressure Level**	MCA†	Max. Fuse (A)†	Line Size (in.)	
			W	D	H					OD Gas	OD Liq.
4TUKL518A10N0A	208-230/1/60	18,000	34.6	12.2	25.1	94.4	48	13	15	3/4	3/4
4TUKL524A10N0A	208-230/1/60	24,000	34.1	12.2	31.4	114.6	50	16	20	3/4	3/4
4TUKL530A10N0A	208-230/1/60	30,000	37.0	29.2	13.0	142.2	52	24	30	3/4	3/4
4TUKL536A10N0A	208-230/1/60	36,000	37.0	29.2	13.0	154.2	54	24	30	3/4	3/4



4TUKL5

Table DU-8-C — C-Series R-410A Single Zone System Square Cassette HP - Single Phase, 1 1/2 to 4 Ton⁽¹⁾⁽²⁾

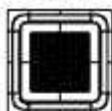
Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTU/h)	Uncolored Dimensions (in.)			Shipping Weight (lbs)	Sound Pressure Level**	MCA†	Max. Fuse (A)†	Line Size (in.)	
			W	D	H					OD Gas	OD Liq.
4MUC4518A10N0A	208-230/1/60	18,000	33.0	33.0	8.0	34.2	30-36	0.35	15	3/4	3/4
4MUC4524A10N0A	208-230/1/60	24,000	33.0	33.0	8.0	34.2	30-36	0.35	15	3/4	3/4
4MUC4530A10N0A	208-230/1/60	30,000	33.0	33.0	11.3	41.9	32-38	0.35	15	3/4	3/4
4MUC4536A10N0A	208-230/1/60	36,000	33.0	33.0	11.3	41.9	33-43	0.35	15	3/4	3/4
4MUC4542A10N0A	208-230/1/60	42,000	33.0	33.0	11.3	41.9	34-44	0.35	15	3/4	3/4
4MUC4548A10N0A	208-230/1/60	48,000	33.0	33.0	11.3	41.9	35-45	0.35	15	3/4	3/4

Cassette Cover Panel (must be ordered separately)

Model Number	Color	Description - Dimensions	Matches Cassette HP Model(s)	Weight (lbs)
TVEPANPC4NUSST	White	Square Cover Panel 37.4 x 37.4 x 1.5	4MUC4518A - 4MUC4548A	13.0



4MUC45



TVEPANPC4

Table DU-8-D — C-Series R-410A Single Zone System Circular Cassette HP - Single Phase, 1 1/2 to 4 Ton⁽¹⁾⁽²⁾

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTU/h)	Uncolored Dimensions (in.)			Shipping Weight (lbs)	Sound Pressure Level**	FLA†	MOP†	Line Size (in.)	
			W	D	H					OD Gas	OD Liq.
4MUS4518A10N0A	208-230/1/60	18,000	37.2	37.2	11.0	46.3	29-35	0.35	15	3/4	3/4
4MUS4524A10N0A	208-230/1/60	24,000	37.2	37.2	11.0	46.3	29-35	0.35	15	3/4	3/4
4MUS4530A10N0A	208-230/1/60	30,000	37.2	37.2	14.4	52.9	31-38	0.35	15	3/4	3/4
4MUS4536A10N0A	208-230/1/60	36,000	37.2	37.2	14.4	52.9	46-54	0.35	15	3/4	3/4
4MUS4542A10N0A	208-230/1/60	42,000	37.2	37.2	14.4	52.9	47-55	0.35	15	3/4	3/4
4MUS4548A10N0A	208-230/1/60	48,000	37.2	37.2	14.4	52.9	46-56	0.35	15	3/4	3/4

Cassette Cover Panel (must be ordered separately)

Model Number	Color	Description - Dimensions	Matches Cassette HP Model(s)	Weight (lbs)
PNLRNDCASS001S	White	Square Cover Panel 37.4 x 37.4 x 1.9	4MUC4518A - 4MUC4548A	7.9
PNLRNDCASS001R	White	Round Cover Panel 41.3 (diameter)	4MUS4518A - 4MUS4548A	5.9
PNLRNDCASS001S	Black	Square Cover Panel 37.4 x 37.4 x 1.9	4MUC4518A - 4MUC4548A	7.9
PNLRNDCASS001R	Black	Round Cover Panel 41.3 (diameter)	4MUS4518A - 4MUS4548A	5.9

(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.

† Information subject to change. Please confirm with current Product Data for current factory production.

** Sound Pressure Level (25.3 dBA, 48" (A))



American Standard AccuFlex™
C-Series Single Zone U-Match SystemTable DU-3-A — C-Series R-410A Single Zone System Ducted HP — Single Phase, 1/2 to 4 Ton⁽¹⁾⁽²⁾

Indoor Model Number	Power Supply (Volts/Phase/Freq)	Nom. Cap. Cooling (BTU/h)	Unobstructed Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level**	FLA*	MOP*	Line Size (in)	
			W	D	H					OD Gas	OD Liq.
4MUD4518A10N0A	208-230/1/60	18,000	45.2	18.9	12.6	50.0	26-34	0.85	1.5	3/4	1/2
4MUD4524A10N0A	208-230/1/60	24,000	45.2	18.9	12.6	50.0	28-36	0.85	1.5	3/4	1/2
4MUD4530A10N0A	208-230/1/60	30,000	47.2	20.6	14.1	137.0	29-37	1.9	1.5	3/4	1/2
4MUD4536A10N0A	208-230/1/60	36,000	47.2	20.6	14.1	137.0	30-38	1.9	1.5	3/4	1/2
4MUD4542A10N0A	208-230/1/60	42,000	47.2	20.6	14.1	136.7	34-40	1.9	1.5	3/4	1/2
4MUD4548A10N0A	208-230/1/60	48,000	47.2	20.6	14.1	136.7	37-43	1.9	1.5	3/4	1/2



4MUD45-A

Table DU-3-B — C-Series R-410A Single Zone System Ducted HP — Single Phase, 1/2 to 4 Ton⁽¹⁾⁽²⁾

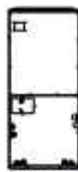
Indoor Model Number	Power Supply (Volts/Phase/Freq)	Nom. Cap. Cooling (BTU/h)	Unobstructed Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level**	FLA*	MOP*	Line Size (in)	
			W	D	H					OD Gas	OD Liq.
4MUD4518B10N0A	208-230/1/60	18,000	33.5	27.6	9.8	99.0	26-34	1.1	1.5	3/4	1/2
4MUD4524B10N0A	208-230/1/60	24,000	47.2	27.6	9.8	89.3	28-36	1.5	1.5	3/4	1/2
4MUD4530B10N0A	208-230/1/60	30,000	47.2	27.6	9.8	89.3	29-37	1.5	1.5	3/4	1/2
4MUD4536B10N0A	208-230/1/60	36,000	51.2	27.6	11.8	99.6	30-38	2.0	1.5	3/4	1/2
4MUD4542B10N0A	208-230/1/60	42,000	51.2	27.6	11.8	99.6	34-40	2.0	1.5	3/4	1/2
4MUD4548B10N0A	208-230/1/60	48,000	51.2	27.6	11.8	99.6	37-43	2.0	1.5	3/4	1/2



4MUD45-B

Table DU-3-C — C-Series R-410A Single Zone System Vertical Ducted HP - Single Phase, 1/2 to 4 Ton⁽¹⁾⁽²⁾

Indoor Model Number	Power Supply (Volts/Phase/Freq)	Nom. Cap. Cooling (BTU/h)	Unobstructed Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level**	FLA*	MOP*	Line Size (in)	
			W	D	H					OD Gas	OD Liq.
4MUM4518B10N0A	208-230/1/60	18,000	17.5	21.0	43.0	98.1	32-38	0.72	1.5	3/4	1/2
4MUM4524B10N0A	208-230/1/60	24,000	17.5	21.0	43.0	98.1	35-41	0.72	1.5	3/4	1/2
4MUM4530B10N0A	208-230/1/60	30,000	21.0	21.0	48.0	123.5	35-41	1.66	1.5	3/4	1/2
4MUM4536B10N0A	208-230/1/60	36,000	21.0	21.0	48.0	123.5	36-42	1.66	1.5	3/4	1/2
4MUM4542B10N0A	208-230/1/60	42,000	24.5	21.8	58.8	163.1	36-42	1.66	1.5	3/4	1/2
4MUM4548B10N0A	208-230/1/60	48,000	24.5	21.8	58.8	163.1	38-43	2.08	1.5	3/4	1/2



4MUM45-B

Table DU-3-D — C-Series R-410A Single Zone System High Wall HP - Single Phase, 1/2 to 3 Ton⁽¹⁾⁽²⁾

Indoor Model Number	Power Supply (Volts/Phase/Freq)	Nom. Cap. Cooling (BTU/h)	Unobstructed Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level**	FLA*	MOP*	Line Size (in)	
			W	D	H					OD Gas	OD Liq.
4MUW4512A10N0A	208-230/1/60	12,000	29.5	9.8	9.8	16.8	23-31	0.40	1.5	3/4	1/2
4MUW4518A10N0A	208-230/1/60	18,000	35.2	10.4	10.1	23.8	29-42	0.70	1.5	3/4	1/2
4MUW4524A10N0A	208-230/1/60	24,000	41.9	11.6	11.9	32.2	32-43	0.70	1.5	3/4	1/2
4MUW4530A10N0A	208-230/1/60	30,000	50.4	9.9	13.9	40.6	37-48	0.90	1.5	3/4	1/2
4MUW4536A10N0A	208-230/1/60	36,000	50.4	9.9	13.9	40.6	38-51	0.90	1.5	3/4	1/2



4MUW45

(1) Refer to the AHPD Directory for certified combinations and product performance.

(2) Outdoor units are equipped with high voltage terminals to power the indoor units.

(3) 4MUM Vertical Ducted unit, when used with an electric strip heater, must be powered from an electrical branch circuit independent of the branch circuit feeding the outdoor unit.

(4) Refer to the 4MUM45 and 4MUM45B manuals for MCA and MOP values when applying electric heat strip kit.

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

** Sound Pressure Level @ 3.3 ft. @ (A)

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	
FLTR4TVDC4MUC01	Large 4-Way Cassette Filter	All 4MUC45	12 Each	Use when low ambient cooling is required below 23°F outdoor temperature
FLTR4TVDC4MUC1	Washable Filter	4MUD4518A	12 Each	
		4MUD4524A	12 Each	
		4MUD4530A	12 Each	
		4MUD4536A	12 Each	
		4MUD4542A	12 Each	
		4MUD4548A	12 Each	
TVCTRLTMB14A0	External Control Interface	4MUC45	1 Each	
		4MUD45	1 Each	
		4MUS45	1 Each	
TVCTRLTRW1A000	External Temperature Sensor	all 4MUC Indoor Units	1 Each	
CSEW/INDBFL12A	Wind Baffle	4TUK4512A10N0A	1 Each	
CSEW/INDBFL18A	Wind Baffle	4TUK4518A10N0A	1 Each	
CSEW/INDBFL4018A	Wind Baffle	4TUKL518A10N0A	1 Each	
		4TUK4524A10N0A	1 Each	
		4TUK4530A10N0A	1 Each	
CSEW/INDBFL24A	Wind Baffle	4TUKL524A10N0A	1 Each	
		4TUKL530A10N0A	1 Each	
		4TUKL536A10N0A	1 Each	
CSEW/INDBFL36A	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
TAYREFLN050	Lineset 1/4" x 3/8" 25' length	33-3/4" x 3-1/4" x 33-3/8"
TAYREFLN055	Lineset 1/4" x 3/8" 35' length	33-13/16" x 5-1/4" x 31-7/8"
TAYREFLN060	Lineset 1/4" x 3/8" 50' length	33-13/16" x 5-1/4" x 31-7/8"
TAYREFLN060	Lineset 1/4" x 1/2" 25' length	48" x 48" x 5"
TAYREFLN065	Lineset 1/4" x 1/2" 35' length	33-3/4" x 2-7/8" x 33"
TAYREFLN070	Lineset 1/4" x 1/2" 50' length	33-13/16" x 5-1/4" x 31-7/8"
TAYREFLN155	Lineset 1/4" x 5/8" 25' length	33-13/16" x 6" x 32-1/2"
TAYREFLN160	Lineset 1/4" x 5/8" 35' length	48" x 48" x 5"
TAYREFLN165	Lineset 1/4" x 5/8" 50' length	33-3/4" x 3-1/4" x 33-3/8"
TAYREFLN170	Lineset 1/4" x 5/8" 100' length	33-13/16" x 5-1/4" x 31-7/8"
TAYREFLN060	Lineset 1/4" x 3/8" 100' length	33-13/16" x 6" x 32-1/2"
TAYREFLN075	Lineset 1/4" x 1/2" 100' length	48" x 48" x 5"
TAYREFLN055	Lineset 3/8" x 5/8" 25' length	33" x 33" x 3.75"
TAYREFLN060	Lineset 3/8" x 5/8" 35' length	33" x 33" x 5.63"
TAYREFLN065	Lineset 3/8" x 5/8" 50' length	33" x 33" x 6.43"
TAYREFLN070	Lineset 3/8" x 5/8" 100' length	48" x 48" x 5"

**American Standard AccuFlex™
 C-Series Single Zone U-Match System**

Table DU-11-A — 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
EVCRLHDPH004	Wireless (IR) Remote	4MU045	Yes	Yes	Yes	Yes	No	No	No
		4MU045							
		EVCRLHWH0002							
EVCRLMTE0001A	Wireless (IR) Remote	4MU045	Yes	Yes	Yes	Yes	No	No	No
EVCRLTWPH002A	Wall Programmable Control	4MU045	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		4MU045							
		4MU045							
		4MU045							
		4MU045							
EVCRLTWPH002A	Wall Simple Touch Control	4MU045	Yes	Yes	Yes	Yes	Yes	Yes	No
		4MU045							
		4MU045							
		4MU045							
		4MU045							
EVCRLTMA005A	High Level Touch Panel	4TUR45	Yes	Yes	Yes	Yes	No	Yes	Yes
EVCRLSC0017A0	BACNet Gateway	4TUR45	Yes	Yes	Yes	Yes	No	Yes	Yes
EVCRLTMC0000	Technician Utility Tool	4TUR45 / 4MU*	Commissioning and Service tool for AccuFlex™ C-Series and AccuFlex™ VMT						

Table DU-12-A — R-410A VRF HSP (High Static Pressure) Ductless

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTU/h)	Unrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level ⁽¹⁾	FLA ⁽²⁾	MOP ⁽³⁾	Line Size (in)	
			W	D	H					Gas	Liq.
4TVA0076B100NB	208-230/1/60	76,000	48.8	40.9	18.5	218.3	41-45	4.75	15	1/2	1/2
4TVA0096B100NB	208-230/1/60	96,000	48.8	40.9	18.5	218.3	43-48	7.38	15	1/2	1/2

4TVA00

Table DU-12-B — R-410A VRF Mini Four-Way Cassette

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTU/h)	Unrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level ⁽¹⁾	FLA ⁽²⁾	MOP ⁽³⁾	Line Size (in)	
			W	D	H					Gas	Liq.
4TVB0005B100NC	208-230/1/60	5,000	22.8	22.8	9.8	30.9	26-34	0.22	15	1/2	1/2
4TVB0007B100NC	208-230/1/60	7,500	22.8	22.8	9.8	30.9	26-34	0.22	15	1/2	1/2
4TVB0009B100NC	208-230/1/60	9,500	22.8	22.8	9.8	30.9	26-34	0.22	15	1/2	1/2
4TVB0012B100NC	208-230/1/60	12,000	22.8	22.8	9.8	30.9	31-36	0.24	15	1/2	1/2
4TVB0018B100NC	208-230/1/60	18,000	22.8	22.8	9.8	30.9	34-40	0.34	15	1/2	1/2
4TVB0020B100NC	208-230/1/60	20,000	22.8	22.8	9.8	30.9	35-41	0.38	15	1/2	1/2

4TVB00

TVEPANPC4

Cassette Cover Panels

Model Number	Description	Matches Cassette H ⁽⁴⁾ Model(s)
PNL4WAYMINI23A	Cover Panel 23.3 x 23.3 x 1.97	4TVB0005B - 4TVB0020B

Table DU-12-C — R-410A VRF Four-Way Cassette

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTU/h)	Unrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level ⁽¹⁾	FLA ⁽²⁾	MOP ⁽³⁾	Line Size (in)	
			W	D	H					Gas	Liq.
4TVC0009B100ND	208-230/1/60	9,000	33	33	8	40.8	31-34	0.32	15	1/2	1/2
4TVC0012B100ND	208-230/1/60	12,000	33	33	8	40.8	31-34	0.32	15	1/2	1/2
4TVC0018B100ND	208-230/1/60	18,000	33	33	8	40.8	31-34	0.32	15	1/2	1/2
4TVC0024B100ND	208-230/1/60	24,000	33	33	8	40.8	34-38	0.38	15	1/2	1/2
4TVC0030B100ND	208-230/1/60	30,000	33	33	11.3	50.7	30-39	0.63	15	1/2	1/2
4TVC0036B100ND	208-230/1/60	36,000	33	33	11.3	50.7	33-40	0.70	15	1/2	1/2
4TVC0048B100ND	208-230/1/60	48,000	33	33	11.3	50.7	35-44	0.94	15	1/2	1/2

4TVC00

TVEPANPC4

Cassette Cover Panels

Model Number	Description	Matches Cassette H ⁽⁴⁾ Model(s)
TVERANPC4NUSET	Cover Panel 37.4 x 37.4 x 1.8	4TVC0009B, 0018B, 0024B, 0030B, 0036B & 0048B

Table DU-12-D — R-410A VRF MSP (Medium Static Pressure) Ductless

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTU/h)	Unrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level ⁽¹⁾	FLA ⁽²⁾	MOP ⁽³⁾	Line Size (in)	
			W	D	H					Gas	Liq.
4TVD0007C100ND	208-230/1/60	7,500	45.3	18.9	12.6	103.6	26-36	1.10	15	1/2	1/2
4TVD0009C100ND	208-230/1/60	9,500	45.3	18.9	12.6	103.6	26-36	1.10	15	1/2	1/2
4TVD0012C100ND	208-230/1/60	12,000	45.3	18.9	12.6	103.6	30-39	1.10	15	1/2	1/2
4TVD0015C100ND	208-230/1/60	15,000	45.3	18.9	12.6	103.6	32-41	1.10	15	1/2	1/2
4TVD0018C100ND	208-230/1/60	18,000	45.3	18.9	12.6	103.6	35-42	1.10	15	1/2	1/2
4TVD0024C100ND	208-230/1/60	24,000	47.3	25.6	14.2	144.4	30-38	4.30	15	1/2	1/2
4TVD0027C100ND	208-230/1/60	27,000	47.3	25.6	14.2	144.4	30-38	4.30	15	1/2	1/2
4TVD0030C100ND	208-230/1/60	30,000	47.3	25.6	14.2	144.4	31-38	4.30	15	1/2	1/2
4TVD0036C100ND	208-230/1/60	36,000	47.3	25.6	14.2	148.8	35-41	4.30	15	1/2	1/2
4TVD0048C100ND	208-230/1/60	48,000	47.3	25.6	14.2	148.8	35-42	4.30	15	1/2	1/2
4TVD0054C100ND	208-230/1/60	54,000	47.3	25.6	14.2	148.8	40-45	6	15	1/2	1/2

4TVD00

(1) Nominal capacity based on 25 ft. of equivalent refrigerant piping with 0 ft. head difference.

- Cooling: Indoor temperature 81°F DB, 67°F WB/Outdoor temperature 85°F DB, 75°F WB.

- Heating: Indoor temperature 70°F DB, 60°F WB/Outdoor temperature 47°F DB, 40°F WB.

(2) Sound pressure was measured at a fixed noise. Actual noise level 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.

Table DU-13-A — R-410A VRF Mid-Static Ducted Indoor Unit⁽¹⁾

4TVD00-D

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTU/h)	Unrated Dimensions (in) W D H	Shipping Weight (lbs)	Sound Pressure Level ⁽²⁾	MCA ³	Max. Fuse (A) ⁴	Line Size (in) OD Gas OD Liq.
4TVD0007D100NA	208-230/1/60	7,000	33.4 27.6 9.8	69.4	22-26	1.375	15	3/8 1/2
4TVD0009D100NA	208-230/1/60	9,000	33.4 27.6 9.8	69.4	22-26	1.375	15	3/8 1/2
4TVD0012D100NA	208-230/1/60	12,000	33.4 27.6 9.8	69.4	22-26	1.375	15	3/8 1/2
4TVD0015D100NA	208-230/1/60	15,000	33.4 27.6 9.8	69.4	22-26	1.375	15	3/8 1/2
4TVD0018D100NA	208-230/1/60	18,000	33.4 27.6 9.8	69.4	22-29	1.375	15	3/8 1/2
4TVD0024D100NA	208-230/1/60	24,000	47.2 27.6 9.8	89.3	30-39	1.875	15	3/8 1/2
4TVD0027D100NA	208-230/1/60	30,000	47.2 27.6 9.8	89.3	34-40	1.875	15	3/8 1/2
4TVD0030D100NA	208-230/1/60	36,000	47.2 27.6 9.8	89.3	35-40	1.875	15	3/8 1/2
4TVD0036D100NA	208-230/1/60	42,000	51.2 27.6 11.8	99.2	32-38	2.500	15	3/8 1/2
4TVD0048D100NA	208-230/1/60	48,000	51.2 27.6 11.8	99.2	35-41	2.500	15	3/8 1/2

Table DU-13-B — R-410A VRF Slim One-Way Cassette⁽¹⁾

4TVE00

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTU/h)	Unrated Dimensions (in) W D H	Shipping Weight (lbs)	Sound Pressure Level ⁽²⁾	MCA ³	Max. Fuse (A) ⁴	Line Size (in) OD Gas OD Liq.
4TVE0007B100NC	208-230/1/60	7,500	38.2 16.2 5.3	29.8	23-27	0.29	15	3/8 1/4
4TVE0009B100NC	208-230/1/60	9,500	38.2 16.2 5.3	29.8	24-29	0.32	15	3/8 1/4
4TVE0012B100NC	208-230/1/60	12,000	38.2 16.2 5.3	29.8	27-35	0.35	15	3/8 1/4

Cassette Cover Panels⁽⁵⁾

Model Number	Description	Matched Cassette H ¹ Model(s)
TVRWNPC1NUSET	Cover Panel 46.5 x 18.2 x 1.1	4TVE007B, 009B & 012B

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 (BTU/h)	Unrated Dimensions (in) W D H	Shipping Weight (lbs)	Sound Pressure Level ⁽²⁾	MCA ³	Max. Fuse (A) ⁴	Line Size (in) OD Gas OD Liq.
4TVF0006B10RNA	208-230/1/60	6,000	37.1 8.6 23.6	50.7	20-23	0.2	15	3/8 1/4
4TVF0009B10RNA	208-230/1/60	9,000	37.1 8.6 23.6	50.7	21-26	0.22	15	3/8 1/4
4TVF0012B10RNA	208-230/1/60	12,000	37.1 8.6 23.6	50.7	27-37	0.24	15	3/8 1/4
4TVF0018B10RNA	208-230/1/60	18,000	48.1 8.6 23.6	62.8	32-40	0.53	15	3/8 1/4
4TVF0024B10RNA	208-230/1/60	24,000	48.1 8.6 23.6	62.8	32-40	0.53	15	3/8 1/4

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 (BTU/h)	Unrated Dimensions (in) W D H	Shipping Weight (lbs)	Sound Pressure Level ⁽²⁾	MCA ³	Max. Fuse (A) ⁴	Line Size (in) OD Gas OD Liq.
4TVF0006B10CNA	208-230/1/60	6,000	46.0 8.6 23.6	57.3	20-23	0.2	15	3/8 1/4
4TVF0009B10CNA	208-230/1/60	9,000	46.0 8.6 23.6	57.3	21-26	0.22	15	3/8 1/4
4TVF0012B10CNA	208-230/1/60	12,000	46.0 8.6 23.6	57.3	27-37	0.24	15	3/8 1/4
4TVF0018B10CNA	208-230/1/60	18,000	57.0 8.6 23.6	69.4	32-40	0.53	15	3/8 1/4
4TVF0024B10CNA	208-230/1/60	24,000	57.0 8.6 23.6	69.4	32-40	0.53	15	3/8 1/4

⁽¹⁾ Nominal capacity based on 25 ft. of equivalent refrigerant piping with 0 ft. line 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 duct room. Actual noise level may be different depending on installation conditions.⁽³⁾ Cassette panel must be ordered separately.⁽⁴⁾ Information subject to change. Please confirm with current Product Data for current factory production.

All VRF systems shall be selected using VRF-Selct software.

Table DU-14-A — R-410A VRF Slim Duct^(xxx)

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTU/h)	Unrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level ⁽²⁾	MCA ⁽⁴⁾	Max. Fuse (A) ⁽⁵⁾	Line Size (in)	
			W	D	H					OD	LIQ
4TVL0007B100NC	208-230/1/60	7,500	35.4	23.6	7.8	62.8	21-26	0.40	15	1/2	1/2
4TVL0009B100NC	208-230/1/60	9,500	35.4	23.6	7.8	62.8	23-27	0.50	15	1/2	1/2
4TVL0012B100NC	208-230/1/60	12,000	35.4	23.6	7.8	62.8	27-29	0.64	15	1/2	1/2
4TVL0018B100NC	208-230/1/60	18,000	43.3	23.6	7.8	76.0	31-36	1.18	15	1/2	1/2
4TVL0024B100NC	208-230/1/60	24,000	43.3	23.6	7.8	76.0	33-38	1.23	15	1/2	1/2
4TVL0030B100NC	208-230/1/60	30,000	51.2	27.2	11.6	103.6	34-37	1.00	15	1/2	1/2
4TVL0036B100NC	208-230/1/60	36,000	51.2	27.2	11.6	103.6	34-37	1.32	15	1/2	1/2
4TVL0048B100NC	208-230/1/60	48,000	51.2	27.2	11.6	107.0	36-39	1.75	15	1/2	1/2



4TVL00

Table DU-14-B — R-410A VRF Dedicated Outside Air Unit^(xxx)

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTU/h)	Unrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level ⁽²⁾	MCA ⁽⁴⁾	Max. Fuse (A) ⁽⁵⁾	Line Size (in)	
			W	D	H					OD	LIQ
4TVN0072A100NA	208-230/1/60	72,000	53.1	35.2	17.8	198.4	989	47	2.6	15	1/2
4TVN0096A100NA	208-230/1/60	96,000	53.1	35.2	17.8	198.4	1236	47	1.4	10	1/2

Table DU-14-C — R-410A Single Zone System Circular Cassette HP — Single Phase, 1-1/2 to 4 Ton^(xxxx)

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTU/h)	Unrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level ⁽²⁾	FLA ⁽⁶⁾	MOP ⁽⁷⁾	Line Size (in)	
			W	D	H					OD	LIQ
4TVS0009B100NA	208-230/1/60	9,500	37.2	37.2	11.0	46.3	29-33	0.18	15	1/2	1/2
4TVS0012B100NA	208-230/1/60	12,000	37.2	37.2	11.0	46.3	29-33	0.18	15	1/2	1/2
4TVS0018B100NA	208-230/1/60	18,000	37.2	37.2	14.4	46.3	29-33	0.18	15	1/2	1/2
4TVS0024B100NA	208-230/1/60	24,000	37.2	37.2	14.4	46.3	32-38	0.26	15	1/2	1/2
4TVS0030B100NA	208-230/1/60	30,000	37.2	37.2	14.4	52.9	36-40	0.42	15	1/2	1/2
4TVS0036B100NA	208-230/1/60	36,000	37.2	37.2	14.4	52.9	38-43	0.57	15	1/2	1/2
4TVS0048B100NA	208-230/1/60	48,000	37.2	37.2	14.4	52.9	39-44	0.57	15	1/2	1/2

Cassette Cover Panel (must be ordered separately)

Model Number	Color	Description - Dimensions	Matches Cassette HP Model(s)	Weight (lbs)
PNLRNDCASS001S	White	Square Cover Panel 39.4 x 39.4 x 2.3	4TVS0009B - 4TVS0048B	7.9
PNLRNDCASS001R	White	Round Cover Panel 41.3 (diameter) x 3.7	4TVS0009B - 4TVS0048B	5.9
PNLRNDCASS001S	Black	Square Cover Panel 39.4 x 39.4 x 2.6	4TVS0009B - 4TVS0048B	7.9
PNLRNDCASS001R	Black	Round Cover Panel 41.3 (diameter) x 3.7	4TVS0009B - 4TVS0048B	5.9

Table DU-14-D — R-410A VRF High Wall^(xxx)

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTU/h)	Unrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level ⁽²⁾	MCA ⁽⁴⁾	Max. Fuse (A) ⁽⁵⁾	Line Size (in)	
			W	D	H					OD	LIQ
4TVW0007B100NC	208-230/1/60	7,500	32.5	7.5	11.3	24.3	27-31	0.32	15	1/2	1/2
4TVW0009B100NC	208-230/1/60	9,500	32.5	7.5	11.3	24.3	27-31	0.32	15	1/2	1/2
4TVW0012B100NC	208-230/1/60	12,000	32.5	7.5	11.3	24.3	29-37	0.38	15	1/2	1/2
4TVW0018B100NC	208-230/1/60	18,000	41.9	8.6	11.8	34.2	38-44	0.46	15	1/2	1/2
4TVW0026B100NC	208-230/1/60	24,000	41.9	8.6	11.8	34.2	38-44	0.48	15	1/2	1/2
4TVW0024B100NC	208-230/1/60	24,000	41.9	8.6	11.8	34.2	38-45	0.50	15	1/2	1/2

OD Number capacity based on 25 ft. of equivalent refrigerant piping with 0.0 lb./ft. line difference

* Cooling: Indoor temperature 81°F DB, 67°F WB/Outdoor temperature 95°F DB, 75°F WB

** Heating: Indoor temperature 71°F DB, 55°F WB/Outdoor temperature 47°F DB, 42°F WB

(2) Sound pressure was measured in a closed room. Actual noise level may be different depending on installation conditions.

(3) Optional internal condensate drain pump must be ordered separately if gravity drain is not possible.

(4) Optional condensate pump, if necessary, is available through sales.

(5) Only applicable with VRF heat pumps.

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

Table DU-15-A — R-410A VRF High Wall (XXX)

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Max. Cap. Cooling (BTU/h)	Unrelated Dimensions (in) W D H	Shipping Weight (lbs)	Sound Pressure Level (dBA)	Max. Fuse (A)	Line Size (in) OD Gas OD Liq
4TVW0005D100NA	208-230/1/60	5,000	29.5 9.7 9.8	17.9	24-28	0.18 15	1/4 1/4
4TVW0007D100NA	208-230/1/60	7,000	29.5 9.7 9.8	17.9	25-33	0.20 15	1/4 1/4
4TVW0008D100NA	208-230/1/60	9,000	29.5 9.7 9.8	18.1	25-36	0.25 15	1/4 1/4
4TVW0012D100NA	208-230/1/60	12,000	32.5 10.3 10.3	21.6	30-37	0.26 15	1/4 1/4
4TVW0015D100NA	208-230/1/60	15,000	32.5 10.3 10.3	21.6	34-41	0.41 15	1/4 1/4
4TVW0018D100NA	208-230/1/60	18,000	41.9 11.6 11.9	32.2	33-39	0.38 15	1/4 1/4
4TVW0024D100NA	208-230/1/60	24,000	41.9 11.6 11.9	32.2	36-44	0.54 15	1/4 1/4
4TVW0027D100NA	208-230/1/60	27,000	41.9 11.6 11.9	32.2	40-47	0.73 15	1/4 1/4
4TVW0030D100NA	208-230/1/60	30,000	50.4 9.9 13.6	40.8	42-49	0.68 15	1/4 1/4



4TVW00

Table DU-15-B — R-410A VRF Ceiling Suspended (Floor) (XXX)

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Max. Cap. Cooling (BTU/h)	Unrelated Dimensions (in) W D H	Shipping Weight (lbs)	Sound Pressure Level (dBA)	Max. Fuse (A)	Line Size (in) OD Gas OD Liq
4TVX0018B100NB(0)	208-230/1/60	18,000	39.4 7.9 25.5	58.2	34-40	0.53 15	1/4 1/4
4TVX0024B100NB(0)	208-230/1/60	24,000	39.4 7.9 25.5	58.2	40-44	0.60 15	1/4 1/4



4TVX00

(0) Nominal capacity based on 25 ft. of equivalent refrigerant piping with 0.5 in. wet coil and no

- Cooling: Indoor temperature 80°F DB, 67°F WB/Outdoor temperature 25°F DB, 75°F WB

- Heating: Indoor temperature 47°F DB, 67°F WB/Outdoor temperature 47°F DB, 43°F WB

(1) Sound pressure was measured in a test room. Actual noise level may be different depending on installation conditions.

(2) 22 V AC is required and must be ordered as a separate item.

(3) External condensate pump, if necessary, is available through sales.

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



Table DU-16-A — R-410A Convertible Ducted Air Handling Unit

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Unrated Dimensions (in) W D H	Shipping Weight (lbs)	MCA @240V	Max. Fuse @240V (A)	Line Size (in) OD Gas	Line Size (in) OD Liq.
4TVM0009C100NB	208-240/1/60	9,000	35.4 18.8 10.3	72.8	0.9	15	3/4	3/4
4TVM0012C100NB	208-240/1/60	12,000	35.4 18.8 10.3	72.8	0.9	15	3/4	3/4
4TVM0018C100NB	208-240/1/60	15,000	45.3 18.8 12.6	89.3	0.9	15	3/4	3/4

Table DU-16-B — Electric Heaters for 4TVM-C

Model Number	Heater Model Number	Electric Heater				Minimum Circuit Ampacity (MCA)		Maximum Overcurrent Protection (MOPP)		Min. Wire Size (AWG)
		Circuit Breaker Quantity	kW	Amperes (A)		208 V	240 V	208 V	240 V	
				208 V	240 V					
4TVM0009C100NB	No Heater	N/A	N/A	N/A	N/A	1.04	0.9	15	15	14
4TVM0012C100NB	4TVMCK3KWHTR001	1	3	10.82	12.5	14.56	16.53	15	20	12
	No Heater	N/A	N/A	N/A	N/A	1.04	0.9	15	15	14
4TVM0018C100NA	4TVMCK3KWHTR001	1	3	10.85	12.5	14.56	16.53	15	20	12
	4TVMCK5KWHTR001	1	5	18.03	20.83	23.57	26.94	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)	Unrated Dimensions (in) W D H	Shipping Weight (lbs)	MCA ^a	Max. Fuse ^a	Line Size (in) OD Gas	Line Size (in) OD Liq.
4TVM0024B100NB	208-230/1/60	24,000	35.4 18.8 10.3	72.8	1.75	15	3/4	3/4
4TVM0030B100NB	208-230/1/60	30,000	35.4 18.8 10.3	72.8	1.88	15	3/4	3/4
4TVM0036B100NB	208-230/1/60	36,000	45.3 18.8 12.6	89.3	1.88	15	3/4	3/4
4TVM0042B100NB	208-230/1/60	42,000	45.3 18.8 12.6	89.3	2.00	15	3/4	3/4
4TVM0048B100NB	208-230/1/60	48,000	45.3 18.8 12.6	89.3	2.00	15	3/4	3/4
4TVM0060B100NB	208-230/1/60	60,000	45.3 18.8 12.6	89.3	2.00	15	3/4	3/4

Note: Must be used with 4TVCRLAHU0001A Controller for 4TVM

Table DU-16-D — Controller for 4TVM

4TVCRLAHU0001A, 208-230/1/60 Use with 4TVM0024B-0060B, 15.0 5.0 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				Nominal Capacity Heating @ 208 volts			
		Circuit 1 kW	Circuit 1 BTUH	Circuit 2 kW	Circuit 2 BTUH	Circuit 1 kW	Circuit 1 BTUH	Circuit 2 kW	Circuit 2 BTUH
BAYHTR1504	208-230/60/1	3.84	13100			2.88	9800		
BAYHTR1505	208-230/60/1	4.8	16400			3.6	12300		
BAYHTR1508	208-230/60/1	7.68	26200			5.76	19700		
BAYHTR1510	208-230/60/1	9.6	32800			7.2	24600		
BAYHTR1515	208-230/60/1	9.6	32800	4.8	16400	7.2	24600	3.6	12300
BAYHTR1519	208-230/60/1	9.6	32800	9.6	32800	7.2	24600	7.2	24600
BAYHTR1520	208-230/60/1	9.6	32800	9.6	32800	7.2	24600	7.2	24600
BAYHTR3510	208-230/60/1	9.6	32800			7.2	24600		
BAYHTR3515	208-230/60/1	14.4	49200			10.8	36900		

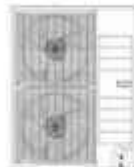
This page indicates available products; however, specific applications including 4TVM indoor units with VRF outdoor systems shall be validated through VRF select.

Electric heater selections shall be validated by the unit nameplate, a listing of approved heaters may be obtained in product data catalog VRF-PRC024-EN. (*will 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-PRC024-EN.

Printed literature is updated periodically; however, product change and development may dictate a unit nameplate change in 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.

American Standard AccuFlex™
VRF Indoor Units

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)	Unrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level (1)	MCA ²	MOP	Line Size (in)	
			W	D	H					OD Gas	OD Liq.
4TVH0036B100NC	208-230/1/60	38,000	37	13	47.6	231.5	50	23	40	1/2	1/2
4TVH0048B100NC	208-230/1/60	48,000	37	13	47.6	231.5	51	29	50	1/2	1/2
4TVH0053B100NC	208-230/1/60	53,000	37	13	47.6	238	53	34	50	1/2	1/2

This document is designed as a quick reference guide; please consult VRF Select for all systems selections and the latest product data catalog(s) for diagrams and final electrical data.

(1) Nominal capacity based on 25 ft. of equipment refrigerant piping with 0% level difference.

- Cooling: Indoor temperature 80°F DB, 67°F WB/Outdoor temperature 95°F DB, 75°F WB.

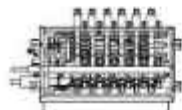
- Heating: Indoor temperature 70°F DB, 60°F WB/Outdoor temperature 47°F DB, 43°F WB.

(2) Sound pressure was measured in a duct room. Actual noise level may be different depending on installation conditions.

(3) Rated per AHRI Unitary Small HP Standard 210/240.

Table DU-17-B — Optional outdoor unit accessory

Model	Description
TVGARD003A	Half Guard for 4TVH0036B100NC / 4TVH0048B100NC / 4TVH0053B100NC

American Standard AccuFlex™
VRF Mode Control Unit (MCU)


4MCUCUY6N (6 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	Unrated Dimensions (in)			Shipping Weight (lbs)	No. Of Ports	MCA	MOP
			L	W	H				
4MCUCUY2NCE000	208-230/1/60	102,000	32.6	7.9	18.5	63.9	2	0.63	15
4MCUCUY4NCE000	208-230/1/60	128,000	32.6	7.9	18.5	63.9	4	0.63	15
4MCUCUY6NCE000	208-230/1/60	160,000	32.6	7.9	18.5	70.5	6	0.63	15

(1) The MCA and MOP listed for the MCU apply to 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 protection device rating shall be calculated using the unrounded National Electrical Code (NEC) 702 per the Authority Having Jurisdiction (AHJ). This maximum current draw through the MCU and overcurrent protection device shall not exceed 15 AMP's.

(3) Must use 4MCUCUY series MCUs with 41V¹ water source VRF units when using heat recovery option.

Table DU-17-D — R-410A VRF Next Generation Mode Control Units (MCU) 3-Phase (1/2)

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Max Capacity BTU/h	Unrated Dimensions (in)			Shipping Weight (lbs)	No. Of Ports	MCA	MOP
			L	W	H				
4MCUTV1A548B1A	208-230/3/60	54,000	13.2	16.1	7.8	24.25	1	2.0	15
4MCUTV2A548B1A	208-230/3/60	108,000	28.7	18.4	7.8	46.29	2	2.0	15
4MCUTV4A548B1A	208-230/3/60	216,000	28.7	18.4	7.8	54.10	4	2.0	15
4MCUTV6A548B1A	208-230/3/60	216,000	28.7	18.4	7.8	62.80	6	2.0	15

(1) Do not mix Generation 1 MCUs and Next Generation MCUs in a VRF Heat Recovery System.

(2) Do not use Next Generation MCUs with 41V¹ Water Source Systems.

(3) Indoor units over 54,000 BTU/h require port pairing. Currently, these Y connectors are available as KIT Numbers. Order KIT18152 and KIT18150 for each set of ports required to be paired.

MCU Model	Sound Level		Main Port Connections			Series Port Connections			Indoor Unit Port Connections	
	Standard Operation	Mode Changing	Liquid	Suction	Hot Gas	Liquid	Suction	Hot Gas	Liquid	Gas
	OD ¹	OD ¹	OD ¹	OD ¹	OD ¹	OD ¹	OD ¹	OD ¹	OD ¹	OD ¹
4MCUTV1A548B1A	33.0	50.0	3/8"	7/8"	3/4"	N/A	N/A	N/A	3/8"	5/8"
4MCUTV2A548B1A	34.0	50.0	5/8"	1-1/8"	1-1/8"	5/8"	1-1/8"	1-1/8"	3/8"	5/8"
4MCUTV4A548B1A	36.0	50.0	5/8"	1-1/8"	1-1/8"	5/8"	1-1/8"	1-1/8"	3/8"	5/8"
4MCUTV6A548B1A	36.0	50.0	5/8"	1-1/8"	1-1/8"	5/8"	1-1/8"	1-1/8"	3/8"	5/8"

**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/Phases/Hz)	Nom. Cap. Cooling (BTU/h)	Unrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level ⁽¹⁾	MCA ⁽²⁾	MOP ⁽³⁾	Line Size (in)		
			W	D	H					OD Gas	OD Liq.	OD HOT Gas
4TVP0072B300NB	208-230/3/60	72,000	30.2	21.5	39.4	353	48	16.0	25	1/2	1/2	1/2
4TVP0072B300NB	208-230/3/60	96,000	30.2	21.5	39.4	353	48	23.0	40	1/2	1/2	1/2
4TVP0120B300NB	208-230/3/60	120,000	30.2	21.5	39.4	353	50	30.0	50	1/2	1/2	1/2
4TVP0192B300NB	208-230/3/60	192,000	43.2	21.5	39.4	529	61	39.6	50	1 1/4	1/2	1 1/4

Table DU-18-B — R-410A VRF 460V Water Source Heat Pump / Heat Recovery Single Modules

Outdoor Model Number	Power Supply (Volts/Phases/Hz)	Nom. Cap. Cooling (BTU/h)	Unrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level ⁽¹⁾	MCA ⁽²⁾	MOP ⁽³⁾	Line Size (in)		
			W	D	H					OD Gas	OD Liq.	OD HOT Gas
4TVP0072B400NB	460/3/60	72,000	30.2	21.5	39.4	368	48	10.0	15	1/2	1/2	1/2
4TVP0096B400NB	460/3/60	96,000	30.2	21.5	39.4	368	48	11.0	15	1/2	1/2	1/2
4TVP0120B400NB	460/3/60	120,000	30.2	21.5	39.4	368	50	15.6	25	1 1/2	1/2	1 1/2
4TVP0192B400NB	460/3/60	192,000	43.2	21.5	39.4	545	61	26.2	35	1 1/2	1/2	1 1/2

This document is designed as a quick reference guide. Please consult VRF Select for all system selections and the related product data catalogue(s) for diagrams and full electrical data.

(1) Sound pressure was measured in a duct room. 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) Use only 4MCCU27 (1st Generation MCA) with 4TVP Water Source Units.

Table DU-15-A — R-410A VRF 208-230V Heat Pump Single Modules⁽¹⁾

Outdoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTU/h)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level ⁽²⁾	MCA ⁽³⁾	MOP ⁽⁴⁾	Line Size (in)		
			W	D	H					OD Gas	OD Liq.	OD Gas
4TVH0072B300NB	208-230/3/60	72,000	34.6	30.1	66.7	461	60	28.0	35	1/2	1/2	1/2
4TVH0096B300NB	208-230/3/60	96,000	50.9	30.1	66.7	566	61	37.8	50	1/2	1/2	1/2
4TVH0120B300NB	208-230/3/60	120,000	50.9	30.1	66.7	666	61	43.0	50	1/2	1/2	1/2
4TVH0144B300NB	208-230/3/60	144,000	50.9	30.1	66.7	699	62	52.6	70	1/2	1/2	1/2
4TVH0168B300NC	208-230/3/60	168,000	50.9	30.1	66.7	754	63	66.0	80	1/2	1/2	1/2
4TVH0192B300NC	208-230/3/60	192,000	50.9	30.1	66.7	772	64	73.0	90	1/2	1/2	1/2

Table DU-15-B — R-410A VRF 208-230V Heat Recovery Single Modules⁽¹⁾

Outdoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTU/h)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level ⁽²⁾	MCA ⁽³⁾	MOP ⁽⁴⁾	Line Size (in)		
			W	D	H					OD Gas	OD Liq.	OD Gas
4TVR0072B300NB	208-230/3/60	72,000	34.6	30.1	66.7	465	60	28.0	35	1/2	1/2	1/2
4TVR0096B300NB	208-230/3/60	96,000	50.9	30.1	66.7	670	61	37.8	50	1/2	1/2	1/2
4TVR0120B300NB	208-230/3/60	120,000	50.9	30.1	66.7	678	61	43.0	50	1/2	1/2	1/2
4TVR0144B300NB	208-230/3/60	144,000	50.9	30.1	66.7	714	62	52.6	70	1/2	1/2	1/2
4TVR0168B300NC	208-230/3/60	168,000	50.9	30.1	66.7	770	63	66.0	80	1/2	1/2	1/2
4TVR0192B300NC	208-230/3/60	192,000	50.9	30.1	66.7	778	64	73.0	90	1/2	1/2	1/2

Table DU-15-C — R-410A VRF 460V Heat Pump Single Modules⁽¹⁾

Outdoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTU/h)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level ⁽²⁾	MCA ⁽³⁾	MOP ⁽⁴⁾	Line Size (in)		
			W	D	H					OD Gas	OD Liq.	OD Gas
4TVH0072B400NB	460/3/60	72,000	34.6	30.1	66.7	472	60	16.4	20	1/2	1/2	1/2
4TVH0096B400NB	460/3/60	96,000	50.9	30.1	66.7	582	61	19.0	25	1/2	1/2	1/2
4TVH0120B400NB	460/3/60	120,000	50.9	30.1	66.7	582	61	21.7	30	1/2	1/2	1/2
4TVH0144B400NB	460/3/60	144,000	50.9	30.1	66.7	714	62	26.4	40	1/2	1/2	1/2
4TVH0168B400NC	460/3/60	168,000	50.9	30.1	66.7	757	63	33.0	40	1/2	1/2	1/2
4TVH0192B400NC	460/3/60	192,000	50.9	30.1	66.7	774	64	37.0	50	1/2	1/2	1/2

Table DU-15-D — R-410A VRF 460V Heat Recovery Single Modules⁽¹⁾

Outdoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTU/h)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level ⁽²⁾	MCA ⁽³⁾	MOP ⁽⁴⁾	Line Size (in)		
			W	D	H					OD Gas	OD Liq.	OD Gas
4TVR0072B400NB	460/3/60	72,000	34.6	30.1	66.7	481	60	16.4	20	1/2	1/2	1/2
4TVR0096B400NB	460/3/60	96,000	50.9	30.1	66.7	595	61	19.0	25	1/2	1/2	1/2
4TVR0120B400NB	460/3/60	120,000	50.9	30.1	66.7	595	61	21.7	30	1/2	1/2	1/2
4TVR0144B400NB	460/3/60	144,000	50.9	30.1	66.7	734	62	26.4	40	1/2	1/2	1/2
4TVR0168B400NC	460/3/60	168,000	50.9	30.1	66.7	770	63	33.0	40	1/2	1/2	1/2
4TVR0192B400NC	460/3/60	192,000	50.9	30.1	66.7	788	64	37.0	50	1/2	1/2	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(s) for diagrams and full electrical data.

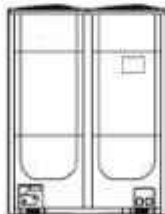
⁽¹⁾ Sound pressure was measured in a duct room. Actual noise level may be different depending on installation conditions.

⁽²⁾ Information subject to change. Please confirm with current Product Data for current factory production.

⁽³⁾ If using 4TVR-D heat recovery units with Heat Generation MCL's, the main board and hub board must be changed. Board is available through parts and supplies.



DU-15



American Standard AccuFlex™
VRF Outdoor Units

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 (BTU/h)	Unrated Dimensions (in) W D H	Shipping Weight (lbs)	Sound Pressure Level ⁽¹⁾	MCA ⁽²⁾	MOP ⁽²⁾	Line Size (in) OD Gas OD Liq
4TVH0072C300NA	208-230/3/60	72,000	34.6 30.1 66.7	426	60	28.0	36	1/2 1/2
4TVH0096C300NA	208-230/3/60	96,000	50.9 30.1 66.7	624	61	37.8	50	1/2 1/2
4TVH0120C300NA	208-230/3/60	120,000	50.9 30.1 66.7	624	61	43.0	50	1/2 1/2
4TVH0144C300NA	208-230/3/60	144,000	50.9 30.1 66.7	657	62	52.6	70	1/2 1/2
4TVH0168C300NA	208-230/3/60	168,000	50.9 30.1 66.7	717	63	66.0	80	1/2 1/2
4TVH0192C300NA	208-230/3/60	192,000	50.9 30.1 66.7	734	64	73.0	90	1/2 1/2

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 (BTU/h)	Unrated Dimensions (in) W D H	Shipping Weight (lbs)	Sound Pressure Level ⁽¹⁾	MCA ⁽²⁾	MOP ⁽²⁾	Line Size (in) OD Gas OD Liq HOT Gas
4TVR0072C300NA	208-230/3/60	72,000	34.6 30.1 66.7	426	60	28.0	35	1/2 1/2 1/2
4TVR0096C300NA	208-230/3/60	96,000	50.9 30.1 66.7	624	61	37.8	50	1/2 1/2 1/2
4TVR0120C300NA	208-230/3/60	120,000	50.9 30.1 66.7	624	61	43.0	50	1/2 1/2 1/2
4TVR0144C300NA	208-230/3/60	144,000	50.9 30.1 66.7	657	62	52.6	70	1/2 1/2 1/2
4TVR0168C300NA	208-230/3/60	168,000	50.9 30.1 66.7	717	63	66.0	80	1/2 1/2 1/2
4TVR0192C300NA	208-230/3/60	192,000	50.9 30.1 66.7	734	64	73.0	90	1/2 1/2 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 (BTU/h)	Unrated Dimensions (in) W D H	Shipping Weight (lbs)	Sound Pressure Level ⁽¹⁾	MCA ⁽²⁾	MOP ⁽²⁾	Line Size (in) OD Gas OD Liq
4TVH0072C400NA	460/3/60	72,000	34.6 30.1 66.7	426	60	16.4	20	1/2 1/2
4TVH0096C400NA	460/3/60	96,000	50.9 30.1 66.7	624	61	19.0	25	1/2 1/2
4TVH0120C400NA	460/3/60	120,000	50.9 30.1 66.7	624	61	21.7	30	1/2 1/2
4TVH0144C400NA	460/3/60	144,000	50.9 30.1 66.7	657	62	26.4	40	1/2 1/2
4TVH0168C400NA	460/3/60	168,000	50.9 30.1 66.7	717	63	33.0	40	1/2 1/2
4TVH0192C400NA	460/3/60	192,000	50.9 30.1 66.7	734	64	37.0	50	1/2 1/2

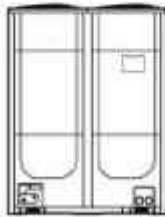
Table DU-20-D — R-410A VRF 460V Next Generation Heat Recovery Single Modules

Outdoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTU/h)	Unrated Dimensions (in) W D H	Shipping Weight (lbs)	Sound Pressure Level ⁽¹⁾	MCA ⁽²⁾	MOP ⁽²⁾	Line Size (in) OD Gas OD Liq HOT Gas
4TVR0072C400NA	460/3/60	72,000	34.6 30.1 66.7	426	60	16.4	20	1/2 1/2 1/2
4TVR0096C400NA	460/3/60	96,000	50.9 30.1 66.7	624	61	19.0	25	1/2 1/2 1/2
4TVR0120C400NA	460/3/60	120,000	50.9 30.1 66.7	624	61	21.7	30	1/2 1/2 1/2
4TVR0144C400NA	460/3/60	144,000	50.9 30.1 66.7	657	62	26.4	40	1/2 1/2 1/2
4TVR0168C400NA	460/3/60	168,000	50.9 30.1 66.7	717	63	33.0	40	1/2 1/2 1/2
4TVR0192C400NA	460/3/60	192,000	50.9 30.1 66.7	734	64	37.0	50	1/2 1/2 1/2

This document is designed as a quick reference guide; please consult VRF Select for all systems selections and the latest product data catalog(s) for diagrams and final electrical data.

⁽¹⁾ Sound pressure was measured in a duct room. 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.



American Standard AccuFlex™
VRF Outdoor Units

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 (BTU/h)	Unrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level ⁽¹⁾	MCA ⁽²⁾	MDP ⁽³⁾	Line Size (in)	
			W	D	H					OD Gas	OD Liq.
4TVHL072B300NA	208-230/3/50	72,000	50.9	30.1	66.7	657	60	50.0	60	$\frac{1}{2}$	$\frac{1}{2}$
4TVHL096B300NA	208-230/3/50	96,000	50.9	30.1	66.7	726	61	70.0	80	$\frac{1}{2}$	$\frac{1}{2}$

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 (BTU/h)	Unrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level ⁽¹⁾	MCA ⁽²⁾	MDP ⁽³⁾	Line Size (in)		
			W	D	H					OD Gas	OD Liq.	HOT Gas
4TVRL072B300NA	208-230/3/50	72,000	50.9	30.1	66.7	667	60	50.0	60	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$
4TVRL096B300NA	208-230/3/50	96,000	50.9	30.1	66.7	741	61	70.0	80	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$

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 (BTU/h)	Unrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level ⁽¹⁾	MCA ⁽²⁾	MDP ⁽³⁾	Line Size (in)	
			W	D	H					OD Gas	OD Liq.
4TVHL072B400NA	460/3/60	72,000	50.9	30.1	66.7	664	60	28.0	35	$\frac{1}{2}$	$\frac{1}{2}$
4TVHL096B400NA	460/3/60	96,000	50.9	30.1	66.7	726	61	38.0	45	$\frac{1}{2}$	$\frac{1}{2}$

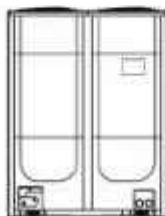
Table DU-21-D — R-410A AccuFlex™ VRF ProHeat 460V Heat Recovery Single Modules

Outdoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTU/h)	Unrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level ⁽¹⁾	MCA ⁽²⁾	MDP ⁽³⁾	Line Size (in)		
			W	D	H					OD Gas	OD Liq.	HOT Gas
4TVRL072B400NA	460/3/60	72,000	50.9	30.1	66.7	663	60	28.0	35	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$
4TVRL096B400NA	460/3/60	96,000	50.9	30.1	66.7	743	61	38.0	45	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$

This document is designed as a quick reference guide; please consult VRF Select for all systems selections and the latest product data catalog(s) for diagrams and final electrical data.

(1) Sound pressure was measured in a ductroom. 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.



Controls

Family	Description	Model Number
Integrated System Management	VRF Enterprise Management Software	TVCHL1S1P200
Building Management System Gateways	VRF System Controller +BACnet	TVCHL1SC9811A0
	VRF System TouchScreen Control	TVCHL1TCA300A
Centralized Control Systems	VRF Mode Select Switch	TVCHL12MC2000
Zone Controllers	VRF Wireless Remote Control	TVCHL1RCP000A
	VRF Wireless Remote Control for Circular Cassettes (4TVS)	TVCHL1RCP001A
	VRF Wired Control	TVCHL1WFW002A
	VRF Simple Wired Touch Control	TVCHL1WHD002A
	VRF Unit Signal Receiver & Wire	TVCHL1RKA000
Interface Modules	VRF External Contact Interface Module	TVCHL1RMT14A0
Sensors	VRF Est. Room Temp Sensor	TVCHL1RMT14A00
Utility Kits	VRF Technician Utilities	TVCHL1RWC000

EEV Kits

Table for use with 4TVX models.

EEV Type	EEV Model Number	QTY OF INDOOR UNITS		
		4TVX0018B100NB		4TVX0024B100NB
Single Port EEV	4EEVEVA32SA000	1	or	1
	4EEVXDA32K200A	0	and	2
Two Port EEV	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

American Standard AccuFlex™ VRF Unit Accessories

Accessories

Family	Description	Model Number
Indoor Y-Joint	VRF Y-Joint <51MBh	4YDK1509B0051A
	VRF Y-Joint 51-138MBh	4YDK2512B0138A
	VRF Y-Joint 138-160MBh	4YDK2812B0160A
	VRF Y-Joint 160-240MBh	4YDK2815B0240A
	VRF Y-Joint 240-336MBh	4YDK3415B0336A
	VRF Y-Joint 336-468MBh	4YDK4115B0468A
	VRF Y-Joint >468MBh	4YDK4422B0999A
Indoor Y-Joint (High Pressure Gas for HR)	VRF Y-Joint HR ≤80MBh	4YDK1500B0080A
	VRF Y-Joint HR 80-240MBh	4YDK2500B0240A
	VRF Y-Joint HR 240-468MBh	4YDK3100B0468A
	VRF Y-Joint HR >468MBh	4YDK3800B0999A
Outdoor Y-Joint (Outdoor Connection)	Outdoor VRF Y-Joint ≤468MBh	4TDK3815B0000A
	Outdoor VRF T-Joint HR ≤468MBh	4TDK3100B0000A
Header Joint	VRF Header Joint 4Units <160MBh	4HJK2512B0159A
	VRF Header Joint 8Units ≤240MBh	4HJK3115B0241A
	VRF Header Joint 8Units >240MBh	4HJK3815B0999A
MCU-Kit	VRF MCU Kit up to 6 IDU	4MCUCUY6NCE000*
	VRF MCU Kit up to 4 IDU	4MCUCUY4NCE000*
	VRF MCU Kit 2 IDU HSP Only	4MCUCUY2NCE000*
	VRF Next Generation MCU Kit - 1 port	4MCUTV1A548B1A
	VRF Next Generation MCU Kit - 2 port	4MCUTV2A548B1A
	VRF Next Generation MCU Kit - 4 port	4MCUTV4A548B1A
4MCUTV Y Connectors	VRF Next Generation MCU Kit - 6 port	4MCUTV6A548B1A
	3/8" MCU Liquid Port Y Connector	KIT18189
EEV Kits (For Wall-mounted & Ceiling indoor unit)	5/8" MCU Vapor Port Y Connector	KIT18190
	VRF EEV Kit 1Unit 17-31MBh (4TVX0018-24)	4EEVEVA325A000
	VRF EEV Kit 2Unit 17-31MBh (4TVX0018-24)	4EEVXA32K200A
Drain Pump	VRF EEV Kit 3Unit 17-31MBh (4TVX0018-24)	4EEVXA32K300A
	VRF Drain Pump Slim Duct	CONDPUJMPXVLB01
	VRF Drain Pump HSP 75.8/96MBh	CONDPUJMPXVHB01
Cassette Panel	VRF Drain Pump High Wall & Ceiling	CONDPUJPAHWB01
	VRF Cassette Panel Slim 1Way	TVEPANPC1NUSET
	VRF Cassette Panel Mini 4Way	PNL4WAYMINI23A
Hail Guards	VRF Cassette Panel 4Way	TVEPANPC4NUSET
	4TVH4TVR0072B	TVGARD001A
	4TVH4TVR0096B-152B, 4TV/L ProHeat	TVGARD002A
	4TVH0036B, 4TVH0048B, 4TVH0053B	TVGARD003A

* 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.ASDdealerNet.com
Technician Utility Software	PC Windows Based	Download from www.ASDdealerNet.com

Ductless Single Zone System

Pro Series Single Phase – 1½ - 4 Tons

Table DU-24-A — Pro Series R-410A Single Zone System HP — Single Phase, 1½ to 4 Ton (XXX)

Outdoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTU/h)	Unrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)	Line Size (in)	
			W	D	H					OD	ID
4TXU2018A10NDA	208-230/1/60	17,100	37.6	15.6	27.6	115.0	56	17	25	1/2	1/2
4TXU2024A10NDA	208-230/1/60	23,800	38.6	16.8	31.1	163.0	57	24	40	3/4	3/4
4TXU2030A10NDA	208-230/1/60	28,200	38.6	16.8	31.1	170.0	58	24	40	3/4	3/4
4TXU2036A10NDA	208-230/1/60	34,000	43.6	17.3	43.3	223.0	63	29	45	3/4	3/4
4TXU2042A10NDA	208-230/1/60	39,500	37.7	16.2	53.1	232.0	61	31	50	3/4	3/4
4TXU2048A10NDA	208-230/1/60	48,000	37.7	16.2	53.1	254.0	59	40	70	3/4	3/4



4TXU20

Table DU-24-B — Pro Series R-410A Single Zone System Duct HP - Single Phase, 1½ to 4 Ton (XXX)

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTU/h)	Unrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)	Line Size (in)	
			W	D	H					OD	ID
4UXD2018A10NDA	208-230/1/60	18,000	40.8	28.4	10.5	83.5	28-40	15	1/2	1/2	1/2
4UXD2024A10NDA	208-230/1/60	24,000	50.4	22.0	10.6	86.0	40-47	15	3/4	3/4	3/4
4UXD2030A10NDA	208-230/1/60	30,000	50.4	22.0	10.6	86.0	40-47	15	3/4	3/4	3/4
4UXD2036A10NDA	208-230/1/60	36,000	48.3	30.5	11.4	116.9	44-53	15	3/4	3/4	3/4
4UXD2042A10NDA	208-230/1/60	42,000	48.3	30.5	11.4	116.9	44-53	15	3/4	3/4	3/4
4UXD2048A10NDA	208-230/1/60	48,000	52.8	29.5	13.9	149.3	45-55	15	3/4	3/4	3/4



4UXD20

Table DU-24-C — Pro Series R-410A Single Zone System Cassette HP - Single Phase, 1½ to 4 Ton (XXX)

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTU/h)	Unrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)	Line Size (in)	
			W	D	H					OD	ID
4UXC2018A10NDA	208-230/1/60	18,000	26.2	23.5	9.4	52.9	37-47	15	1/2	1/2	1/2
4UXC2024A10NDA	208-230/1/60	24,000	36.1	33.1	9.4	83.8	38-47	15	3/4	3/4	3/4
4UXC2030A10NDA	208-230/1/60	30,000	36.1	33.1	12.6	97.0	40-48	15	3/4	3/4	3/4
4UXC2036A10NDA	208-230/1/60	36,000	36.1	33.1	12.6	97.0	43-51	15	3/4	3/4	3/4
4UXC2042A10NDA	208-230/1/60	42,000	36.1	33.1	12.6	97.0	43-51	15	3/4	3/4	3/4
4UXC2048A10NDA	208-230/1/60	48,000	35.8	35.8	11.4	110.2	41-53	15	3/4	3/4	3/4



4UXC20

Cassette Cover Panels (consult the retailer for availability)

Model Number	Description	Matches Cassette HP Model(s)
4UXL2018A10NDA	Cover Panel 26.4 x 26.4 x 2.0	4UXC2018A
4UXL2042A10NDA	Cover Panel 37.4 x 37.5 x 2.4	4UXC2024A - 4UXC2042A
4UXL2048A10NDA	Cover Panel 40.9 x 40.9 x 2.6	4UXC2048A



4UXL20

Table DU-24-D — Pro Series R-410A Single Zone System Floor/Ceiling HP - Single Phase, 1½ to 4 Ton (XXX)

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTU/h)	Unrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)	Line Size (in)	
			W	D	H					OD	ID
4UXX2018A10NDA	208-230/1/60	18,000	48.0	27.6	8.9	105.8	32-44	15	1/2	1/2	1/2
4UXX2024A10NDA	208-230/1/60	24,000	48.0	27.6	8.9	110.3	40-48	15	3/4	3/4	3/4
4UXX2030A10NDA	208-230/1/60	30,000	55.9	27.6	9.6	123.5	38-49	15	3/4	3/4	3/4
4UXX2036A10NDA	208-230/1/60	36,000	55.9	27.6	9.6	123.5	46-54	15	3/4	3/4	3/4
4UXX2042A10NDA	208-230/1/60	42,000	55.9	27.6	9.6	127.9	47-55	15	3/4	3/4	3/4
4UXX2048A10NDA	208-230/1/60	48,000	66.9	27.6	9.6	149.9	46-56	15	3/4	3/4	3/4



4UXX20

(1) Refer 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 one-to-one matched systems.

(3) Indoor units and outdoor units are powered from separate branch circuits.

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

** Sound Pressure Level (SPL) (dB (A))

Ductless Single Zone System

Pro Series Single Phase – 1½ - 4 Tons

Table DU-25-A — Features

	4TXU20 Single Zone up to 20 SEER
• R410-A 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 AHR 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 6-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 americansstandard-dac.com or by phone at 800-554-8009, otherwise American Standard Heating & Air Conditioning's Basic Limited Warranty terms will apply. Some Limited Warranty information on specific products can be found on ASDcentral.com.

Table DU-25-B — Optional Outdoor Unit Accessories

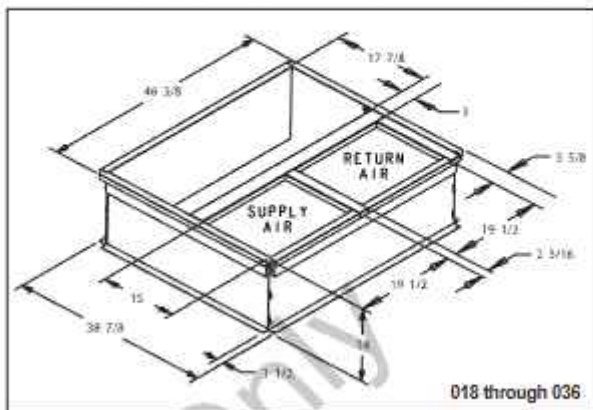
Model Number	Description	4TXU20 Single Zone up to 20 SEER
TAYREFLN560	Lineset Kit 1/2" x 1/2" - 25'	✓
TAYREFLN565	Lineset Kit 1/2" x 1/2" - 35'	✓
TAYREFLN570	Lineset Kit 1/2" x 1/2" - 50'	✓
TAYREFLN555	Lineset Kit 3/4" x 3/4" - 25'	✓
TAYREFLN560	Lineset Kit 3/4" x 3/4" - 35'	✓
TAYREFLN565	Lineset Kit 3/4" x 3/4" - 50'	✓
TAYREFLN570	Lineset Kit 3/4" x 3/4" - 100'	✓

Table DU-25-C — Optional Indoor Unit Accessories

Model Number	Description	4UXD20 Single Zone Indoor up to 20 SEER	4UXC20 Single Zone Indoor up to 20 SEER	4UXX20 Single Zone Indoor up to 20 SEER
AREMOT2AHANDAA	Wireless controller	✓	✓	✓
TREWIRE2AHANDAA	Wired controller (shipped with, noted here for reorder reference)	✓	✓	✓
AREPROG2AHANDAA	Programmable Wired controller	✓	✓	✓

Roof Curbs

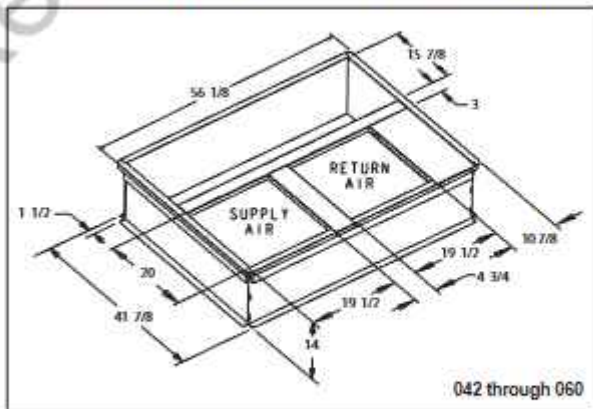
BAYCURB050A FULL PERIMETER ROOF MOUNTING CURB OUTLINE



Full Perimeter BAYCURB050A

4TCY4024-036	4TCY4042-060
4TCX3018-036/4TCX3018-036	4TCX3042-060/4TCX3042-060
4WCZ6036-4DCZ6036	4WCZ6048-060/4DCZ6048-060
4WCY4024-036/4DCY4024-036	4WCY4042-060/4DCY4042-060
2/4WCX3018-036/2/4WCC3018-036	2/4WCX3042-060/2/4WCC3042-060
4YCZ6036	4YCZ6048-060
4YCY4024-036	4YCY4042-060
2/4YCX3018-036/2/4YCC3018-036	2/4YCX3042-060/2/4YCC3042-060

BAYCURB051A FULL PERIMETER ROOF MOUNTING CURB OUTLINE



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 2AYTXVH3D1830A is an R-22 valve.

The "3" 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 AC/IN-2-A Cooling/Heat Pump Non-Bleed TXV Kits- Dual Direction Flow-TXA/C-BC Coils

R-410B Model Number	R-22 Model Number	Used With 13 SEER Coils
4AYTXVH3D1831A	2AYTXVH3C1818A	2/4TXC, TXA018
4AYTXVH3D1831A	2AYTXVH3C2425A	2/4TXC, TXA024,025
4AYTXVH3D1831A	2AYTXVH3C3031A	2/4TXC, TXA031
4AYTXVH3D3343A	—4TXC, 4TXA-032	—
4AYTXVH3D3343A	2AYTXVH3C3337A	2/4TXC, TXA036,037
4AYTXVH3D3343A	2AYTXVH3C4243A	2/4TXC, TXA042,043
4AYTXVH3D4863A	—4TXC, 4TXA-044	—
4AYTXVH3D4863A	2AYTXVH3C4850A	2/4TXC, TXA048,049,050
4AYTXVH3D4863A	2AYTXVH3C5463A	2/4TXC, TXA054,056,064

Table AC/IN-2-B Cooling/Heat Pump Non-Bleed TXV Kits- Dual Direction Flow

R-410B Model Number	R-22 Model Number	Used With Horizontal Flat Coils
4AYTXVH3D1831A	2AYTXVH3C1818A	2/4TXF-018
4AYTXVH3D3343A	2AYTXVH3C3337A	2/4TXF-033
4AYTXVH3D3343A	2AYTXVH3C4243A	2/4TXF-041
4AYTXVH3D4863A	2AYTXVH3C5463A	2/4TXF-054
4AYTXVH3D4863A	2AYTXVH3C5463A	2/4TXF-059

Table AC/IN-2-C Cooling/Heat Pump Non-Bleed TXV Kits- Dual Direction Flow-TXA/C-A3 Coils

R-410B Model Number	R-22 Model Number	Used With A3 Aluminum Coils
4AYTXVH3B2531A	2AYTXVH3B2531A	2/4TXA, TXC-025
4AYTXVH3B2531A	2AYTXVH3B2531A	2/4TXA, TXC-031
4AYTXVH3B3654A	2AYTXVH3B3654A	2/4TXA, TXC-036
4AYTXVH3B3654A	2AYTXVH3B3654A	2/4TXA, TXC-037
4AYTXVH3B3654A	2AYTXVH3B5454A	2/4TXA, TXC-054
4AYTXVH3B6165A	2AYTXVH3B6165A	2/4TXA, TXC-065

Table AC/IN-2-D Cooling/Heat Pump Non-Bleed TXV Kits - Dual Direction Flow 4NXC/4NXC

R-22 Model Number	Used With 4NXC & 4NXC Coils
2AYTXVH3E1824AA	4NXC, NXC - 018 - 024
2AYTXVH3E2536AA	4NXC, NXC - 025 - 036
2AYTXVH3E3639AA	4NXC - 053

Table AC/IN-2-E Cooling/Heat Pump Non-Bleed TXV Kits- Dual Direction Flow

R-410B Model Number	R-22 Model Number	Used With Air Handlers
4AYTXVH3D1830A	2AYTXVH3D1830A	2TFB-018-030
4AYTXVH3D1831A	2AYTXVH3D1830A	2TFB-036
4AYTXVH3D1831A	2AYTXVH3D1830A	2/4TFE-025
4AYTXVH3D1831A	2AYTXVH3D1830A	2/4TEC-018-030
—	2AYTXVH3D3636A	2/4TEC-036
4AYTXVH3D3642A	—	2/4TEC-036-042
—	2AYTXVH3D4260A	2/4TEC-042-060
4AYTXVH3D4863A	—	2/4TEC-048-060
4AYTXVH3D1831A	2AYTXVH3D1830A	2TEH-018-030
—	2AYTXVH3D3636A	2TEH-036
4AYTXVH3D3642A	—	2TEH-036-042
—	2AYTXVH3D4260A	2TEH-042-060
4AYTXVH3D4863A	—	2TEH-048-060
4AYTXVH3D1800A	2AYTXVH3D1830A	2/4TGB-018
4AYTXVH3D1830A	2AYTXVH3D1830A	2/4TGB-025
4AYTXVH3D1831A	2AYTXVH3D1830A	2/4TGB-030
4AYTXVH3D3600A	2AYTXVH3D1830A	2/4TGB-036
4AYTXVH3D3343A	2AYTXVH3D4260A	2/4TGB-042
4AYTXVH3D4863A	2AYTXVH3D4260A	2/4TGB-048
4AYTXVH3D3642A	2AYTXVH3D4260A	2/4TEE-039
4AYTXVH3D4863A	2AYTXVH3D4260A	2/4TEE-048-064

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

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
TAYTXVAB5C	1-1½ Ton	1/8	1/8	2	R-22
TAYTXVAD5C	2-2½ Ton	1/8	1/8	2	R-22
TAYTXVAE5C	3-3½ Ton	1/8	1/8	3	R-22
TAYTXVAF5C	4 Ton	1/8	1/8	3	R-22
TAYTXVAG5C	5-6 Ton	1/8	1/8	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
TAYTXVAB3C	1-1½ Ton	1/8	1/8	2	R-22
TAYTXVAD3C	2-2½ Ton	1/8	1/8	2	R-22
TAYTXVAE3C	3-3½ Ton	1/8	1/8	2	R-22
TAYTXVAF3C	4 Ton	1/8	1/8	2	R-22
TAYTXVAG3C	5-6 Ton	1/8	1/8	2	R-22

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
TAYTXVHB3C	1-1½ Ton	1/8	1/8	3	R-22
TAYTXVHD3C	2-2½ Ton	1/8	1/8	3	R-22
TAYTXVHE3C	3-3½ Ton	1/8	1/8	3	R-22
TAYTXVHF3C	4 Ton	1/8	1/8	3	R-22
TAYTXVHG3C	5-6 Ton	1/8	1/8	3	R-22

Expansion Valve TXV
Heat Pump Kit*

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
TAYTXVHD3C	2½ - 3 Ton	1/8	1/8	2	R-22
TAYTXVHG3C	4-5 Ton	1/8	1/8	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 HVAC Units	Liquid Line Connection Dia. I.D. (in.)	Gas Line Connection Dia. I.D. (in.)	Shipping Weight (lbs.)	Refrigerant
4AYTXVHA183CA	1½-2½ Ton	1/8 OD	1/8 OD	2	R-410A
4AYTXVHA235CA	3-4 Ton	1/8	1/8	2	R-410A
4AYTXVHA360CA	5 Ton	1/8	1/8	2	R-410A

OD 1/8 in. requires 1/4" equalizer, restrictor fittings provided.

OD 1/8 in. requires 1/2" suction line, 2 ton requires 5/8" restrictor fittings provided.

OD 3/8 & 1/2 in. requires 3/4" suction line, restrictor fittings provided.

* Used with TXV kits 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
- Braze field connections



Equipment Date Identification

1980 – 2009

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 M124XD4CF
 Fiscal week of manufacture Second and third digit M124XD4CF
 Day of week of manufacture Fourth digit M124XD4CF
 Consecutive order of production Last Five digits M124XD4CF

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, ID & OD (Light Commercial Products & Compressors)	Ducane Oil (Horizontal Gas Furnaces)	Year	Residential, ID & OD (Light Commercial Products & Compressors)	Ducane Oil (Horizontal Gas Furnaces)	Year	Residential, ID & OD (Light Commercial Products & Compressors)	Ducane Oil (Horizontal Gas Furnaces)
1980	O, A	L	1997	M	97	2014	14	—
1981	T	M	1998	N	98	2015	15	—
1982	U	N	1999	P	99	2016	16	—
1983	W	9	2000	R	—	2017	17	—
1984	X	Q	2001	Z	—	2018	18	—
1985	Y	85	2002	2	—	2019	19	—
1986	S	66	2003	3	—	—	—	—
1987	B	67	2004	4	—	—	—	—
1988	C	68	2005	5	—	—	—	—
1989	D	69	2006	6	—	—	—	—
1990	E	90	2007	7	—	—	—	—
1991	F	91	2008	8	—	—	—	—
1992	G	92	2009	9 or 09	—	—	—	—
1993	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) Ducane oil furnace production uses same date code method as gas furnace. Prior to 1/1/96 Ducane serial number used last four digits = date code, example HA1234567890 1995, 40th week.

Example: 123456-9540

Year of manufacture Fiscal week of manufacture

- (2) Dedicated horizontal gas furnaces, production ceased after introduction of convertible furnaces. 2010

Digit	Description	Current Digit Value Options
1 st	Second to Last integer of the current calendar year	1 through 9 and blank space. Blank Space used when 0 (zero)
2 nd	Last integer of the current calendar year	0 through 9
3 rd	Fiscal Week (Tens numeral)	0 through 5
4 th	Fiscal Week (Units numeral)	0 through 9
5 th	Day of the Week	1 through 7
6 th	Time Stamp	A through Z and 0 through 9, excluding I, Q, O, V, Y, and Z
7 th	Time Stamp	A through Z and 0 through 9, excluding I, Q, O, V, Y, and Z
8 th	Time Stamp	A through Z and 0 through 9, excluding I, Q, O, V, Y, and Z
9 th	Assembly Line Designator	A through Z and 0 through 9, excluding I, Q, O, V, Y, and Z
10 th	Plant Code	A, D, F, G, H, V, Y, X

Plant Codes: (starting around 1995)
A = Monterey
D = Springhill, LA (used to be the last character of a 10 digit serial on Ft. 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 = Vidalia, GA
X = Sourced products

Refrigerant Line Sets

Table AC/IN-5-A — Refrigerant Line Sets

Model Number	Gas Line ⁽¹⁾⁽²⁾	Liquid Line		Shipping Weight
	Size, O.D.	Size, O.D.	Length	
TAYREFLN325	1/2	1/4	25	20
TAYREFLN330	1/2	1/4	30	24
TAYREFLN340	1/2	1/4	40	30
TAYREFLN350	1/2	1/4	50	39
TAYREFLN725	1/2	1/4	25	19
TAYREFLN730	1/2	1/4	30	22
TAYREFLN740	1/2	1/4	40	28
TAYREFLN750	1/2	1/4	50	35
TAYREFLN950	1/2	1/4	50	30

(1) Gas line 90° bend one end.

(2) Gas line insulation 1/2" thickness.

Note: Contains a holding charge of nitrogen.

Read Only

Refrigerant HFC 410A (R-410A)

Tables contain no allowances for vertical lift!

Table AC1N-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 BTUH	Pressure Drop (PSI) For Total Equivalent Length											
		20'	40'	60'	80'	100'	120'	140'	160'	180'	200'	220'	240'
1/4"	15000	4.5	9.0	13.6	18.1	22.6	27.1	31.6	36.2	40.7	45.2	49.7	—
	18000	6.3	12.6	18.8	25.1	31.4	37.7	44.0	—	—	—	—	—
	24000	15.4	30.8	46.2	—	—	—	—	—	—	—	—	—
	30000	—	—	—	—	—	—	—	—	—	—	—	—
5/16"	15000	1.2	2.4	3.5	4.7	5.9	7.1	8.3	9.4	10.6	11.8	13.0	14.2
	18000	1.6	3.3	4.9	6.6	8.2	9.8	11.5	13.1	14.8	16.4	18.0	19.7
	24000	2.8	5.5	8.3	11.0	13.8	16.6	19.3	22.1	24.8	27.6	30.4	33.1
	30000	4.1	8.3	12.4	16.6	20.7	24.8	29.0	33.1	37.3	41.4	45.5	49.7
3/8"	15000	5.8	11.6	17.3	23.1	28.9	34.7	40.5	46.2	—	—	—	—
	18000	7.7	15.4	23.0	30.7	38.4	46.1	—	—	—	—	—	—
	24000	1.0	1.9	2.9	3.8	4.8	5.8	6.7	7.7	8.6	9.6	10.6	11.5
	30000	1.4	2.9	4.3	5.8	7.2	8.6	10.1	11.5	13.0	14.4	15.8	17.3
1/2"	24000	2.0	4.0	6.1	8.1	10.1	12.1	14.1	16.2	18.2	20.2	22.2	24.2
	30000	2.7	5.3	8.0	10.6	13.3	16.0	18.6	21.3	23.9	26.6	29.3	31.9
	36000	3.4	6.8	10.2	13.6	17.0	20.4	23.8	27.2	30.6	34.0	37.4	40.8
	42000	5.1	10.3	15.4	20.6	25.7	30.8	36.0	41.1	46.3	—	—	—
5/8"	42000	5	11	16	22	27	32	38	43	49	54	59	65
	48000	7	14	20	27	34	41	48	54	61	68	75	82
	54000	10	21	31	42	52	62	73	83	94	104	114	125
	60000	—	—	—	—	—	—	—	—	—	—	—	—

Note 1: A blank space indicates a pressure drop of over 50 PSI.

Note 2: Other existing sources of pressure drop, (solenoid valves, etc.) must be considered.

Note 3: A vertical run 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 (fewer 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 AC1N-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'	120'	140'	160'	180'	200'	220'	240'	260'
1.0	1/2	5.0	70	105	140	175	210	245	280	315	350	385	420	455
	5/8	1.5	20	30	40	50	60	70	80	90	100	110	120	130
1.5	1/2	10.8	173	260	347	434	521	608	695	782	869	956	1043	1130
	5/8	3.1	50	75	100	125	150	175	200	225	250	275	300	325
2.0	1/2	12.2	20	30	40	50	60	70	80	90	100	110	120	130
	5/8	5.4	95	143	190	238	285	333	380	428	475	523	570	618
2.5	1/2	2.0	45	70	95	120	145	170	195	220	245	270	295	320
	5/8	8.2	220	330	440	550	660	770	880	990	1100	1210	1320	1430
3.0	1/2	3.0	80	120	160	200	240	280	320	360	400	440	480	520
	5/8	1.3	35	53	70	88	105	123	140	158	175	193	210	228
3.5	1/2	11.7	380	570	760	950	1140	1330	1520	1710	1900	2090	2280	2470
	5/8	4.3	140	210	280	350	420	490	560	630	700	770	840	910
4.0	1/2	1.9	60	90	120	150	180	210	240	270	300	330	360	390
	5/8	5.8	220	330	440	550	660	770	880	990	1100	1210	1320	1430
4.5	1/2	2.5	95	143	190	238	285	333	380	428	475	523	570	618
	5/8	7.4	320	480	640	800	960	1120	1280	1440	1600	1760	1920	2080
5.0	1/2	3.2	140	210	280	350	420	490	560	630	700	770	840	910
	5/8	9	40	60	80	100	120	140	160	180	200	220	240	260
5.5	1/2	11.5	620	930	1240	1550	1860	2170	2480	2790	3100	3410	3720	4030
	5/8	4.9	265	398	531	664	797	930	1063	1196	1329	1462	1595	1728
6.0	1/2	1.3	70	105	140	175	210	245	280	315	350	385	420	455
	5/8	10	100	150	200	250	300	350	400	450	500	550	600	650

Note 1: Shaded values indicate more than 10% capacity loss.

Note 2: Blank space indicates more than 15% capacity loss.

Note 3: Only approved for cooling units, do not use 1/4" vapor lines on heat pumps less than 5 ton.

Note 4: If line length exceeds 150 feet, add 2 ounces of approved compressor oil per every 30 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.

Refrigerant Piping Information for Two Stage Split Systems

Table AC/IN-7-A — Allowable Vapor and Liquid Line Diameters for Two Stage, Single Compressor Split Systems

Rated Line Size	Line Sizes		Service Valve Connection Size		Max. Line & Lift Lengths	
	Vapor Line	Liquid Line	Vapor Line Connection	Liquid Line Connection	TOTAL 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"	80'	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"	80'	25'

Alternate Line Sizes	Line Sizes		Service Valve Connection Size		Max. Line & Lift Lengths	
	Vapor Line	Liquid Line	Vapor Line Connection	Liquid Line Connection	TOTAL Max. Line Length (ft)	Max. Lift (ft)
2 Ton HP	5/8"	3/8"	5/8"	3/8"	150'	50'
	3/4"	3/8"			80'	25'
3 Ton HP	5/8"	3/8"	3/4"	3/8"	150'	50'
	7/8"	5/8"			80'	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"			150'	50'

Rated Line Size	Line Sizes		Service Valve Connection Size		Max. Line & Lift Lengths	
	Vapor Line	Liquid Line	Vapor Line Connection	Liquid Line Connection	TOTAL 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	5/8", 3/4", 7/8"	3/8"	3/4"	3/8"	150'	50'
4 Ton AC	3/4", 7/8"	3/8"	7/8"	3/8"	150'	50'
5 Ton AC	3/4", 7/8", 1-1/8"	3/8"	1-1/8"	3/8"	150'	50'

See Application Bulletin SS-APB011-EN

Table AC/IN-7-B — Equivalent Length (FT) of Non-Ferrous Valves and Fittings (Brazed)

O.D. Tube Size (Inches)	Globe Valve	Angle Valve	Short Radius Elb.	Long Radius Elb.	Two Line Flow	Two Branch Flow
1/2"	70	24	4.7	3.2	1.7	6.5
5/8"	72	25	5.7	3.9	2.3	8.2
3/4"	75	25	6.5	4.5	2.9	9.7
7/8"	78	26	7.8	5.3	3.7	12.0
1-1/8"	87	29	9.7	5.8	2.5	8.0
1-3/8"	102	33	12.2	7.2	2.7	10.0
1-5/8"	115	34	13.8	7.8	3.0	12.0

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.

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.

- Subcooling (in the cooling mode) is the only recommended method of charging between 55° and 120° ambient temperatures.
- 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.
- For best results—the indoor temperature should be kept between 70° to 80°. Add system heat if needed.
- Locate the designated subcooling target from the unit nameplate.
- 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.
- 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.
- Measure Liquid Line Temperature and Refrigerant Pressure at service valves.
- 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.
- 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.
- When system is correctly charged, you can refer to System Pressure Curves to verify typical performance.

Table ACIN-8-A — 024 Units



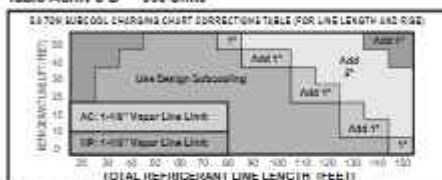
Table ACIN-8-B — 036 Units



Table ACIN-8-C — 048 Units



Table ACIN-8-D — 060 Units



NOTE: 150 ft. length is approved ONLY with 7/8" vapor lines.

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 AC1N-8-A

16 SEER HEAT PUMPS			
A	B	C	D
Model	Factory Charge	Charge Adder for Indoor Coil	Charge Multiplier for Interconnecting Refrigerant Tube Length
024	7lb, 6oz	6oz	0.6oz per foot
026	8lb, 1oz	6oz	0.6oz per foot
027	9lb, 8oz	12oz	0.6oz per foot
048	9lb, 13oz	12oz	0.6oz per foot
049	10lb, 12oz	15oz	0.6oz per foot
060	11lb, 14oz	18, 2oz	0.6oz per foot

Table AC1N-8-B

20 SEER HEAT PUMPS			
A	B	C	D
Model	Factory Charge	Charge Adder for Indoor Coil	Charge Multiplier for Interconnecting Refrigerant Tube Length
024	7lb, 6oz	6oz	0.6oz per foot
026	8lb, 6oz	12oz	0.6oz per foot
048	10lb, 12oz	15oz	0.6oz per foot
060	11lb, 14oz	18, 2oz	0.6oz per foot

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.

Table AC1N-8-C

18 & 20 SEER AIR CONDITIONERS			
A	B	C	D
Model	Factory Charge	Charge Adder for Indoor Coil	Charge Multiplier for Interconnecting Refrigerant Tube Length
024	7lb, 6oz	6oz	0.6oz per foot
026	7lb, 14oz	7oz	0.6oz per foot
048	11lb, 1oz	18, 6oz	0.6oz per foot
060	11lb, 14oz	18, 8oz	0.6oz per foot

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 AC/IN-10-A — Charge Chart

R-410A REFRIGERANT CHARGING CHART								
LIQUID TEMP (°F)	DESIGN SUBCOOLING (°F)							
	8	9	10	11	12	13	14	
	LIQUID GAGE PRESSURE (PSI)							
55	179	182	185	188	191	195	198	
60	195	198	201	204	208	211	215	
65	211	215	218	222	225	229	232	
70	229	232	236	240	243	247	251	
75	247	251	255	259	263	267	271	
80	267	271	275	279	283	287	291	
85	287	291	296	300	304	309	313	
90	309	313	318	322	327	331	336	
95	331	336	341	346	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	495	501	
125	495	501	507	514	520	527	533	

Refer to Service Facts or Installer's Guide for charging method.

From Daikin D15455/P01 Rev. 3

Table AC/IN-10-B — Line Sizes Rated Line Sizes

MODEL	RATED LINE SIZE		SERVICE VALVE CON. SECTION SIZE	
	Vapor Line	Liquid Line	Vapor Line	Liquid Line
HP-004	5/8" (p)	3/8"	5/8"	3/8"
HP-006	3/4" (p)	3/8"	3/4"	3/8"
HP-007	3/4" (p)	3/8"	3/4"	3/8"
HP-008	1/2" (p)	3/8"	1/2"	3/8"
HP-040	1/2" (p)	3/8"	1/2"	3/8"
HP-060	1-1/8" (p)	3/8"	1/2"	3/8"
AC-004	5/8" (p)	3/8"	5/8"	3/8"
AC-006	3/4" (p)	3/8"	3/4"	3/8"
AC-040	1/2" (p)	3/8"	1/2"	3/8"
AC-060	1-1/8" (p)	3/8"	1/2"	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 50 feet. The maximum vertical change must NOT exceed 25 feet.
 (d) If using 5/16", the change factor is 0.0275 (b ft) (1.45 m ft).

Table AC/IN-10-C — Alternate Line Sizes

MODEL	LINE SIZE		SERVICE VALVE CON. SECTION SIZE	
	Vapor Line	Liquid Line	Vapor Line	Liquid Line
HP-004	5/8" (p)	5/16" (p)	5/8"	3/8"
HP-006	5/8" (p)	5/16" (p)	3/4"	3/8"
HP-007	1/2" (p)	5/16" (p)	3/4"	3/8"
HP-008	5/8" (p)	5/16" (p)	3/4"	3/8"
HP-040	3/4" (p)	3/8"	1/2"	3/8"
HP-060	3/4" (p)	3/8"	1/2"	3/8"
AC-004	5/8" (p)	5/16"	5/8"	3/8"
AC-006	5/8" (p)	5/16"	3/4"	3/8"
AC-040	3/4" (p)	3/8"	1/2"	3/8"
AC-060	3/4" (p)	3/8"	1/2"	3/8"

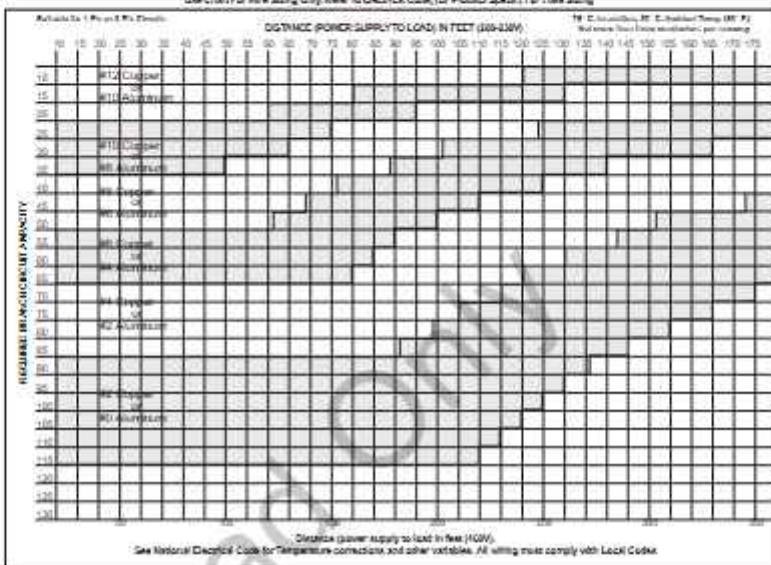
- (a) The maximum length of refrigerant lines from outdoor to indoor unit must NOT exceed 150 feet. The maximum vertical change must NOT exceed 50 feet.
 (b) The maximum length of refrigerant lines from outdoor to indoor unit must NOT exceed 80 feet. The maximum vertical change must NOT exceed 10 feet.
 (c) The maximum length of refrigerant lines from outdoor to indoor unit must NOT exceed 50 feet. The maximum vertical change must NOT exceed 25 feet.
 (d) If using 5/16", the change factor is 0.0275 (b ft) (1.45 m ft).

Branch Circuit Wire Sizing Table/ Heater De-Rating Chart

BRANCH CIRCUIT WIRE SIZING TABLE

(Based on 2% Voltage Drop)

Chart is based on 75°C wire, (Type FEPW, R1, RHW, THHN, THWN, XHHW, USE, and 2WG).
 Use Chart For Wire Sizing Only. Refer To Electrical Code, (Or Product Specs.) For Fuse Sizing.

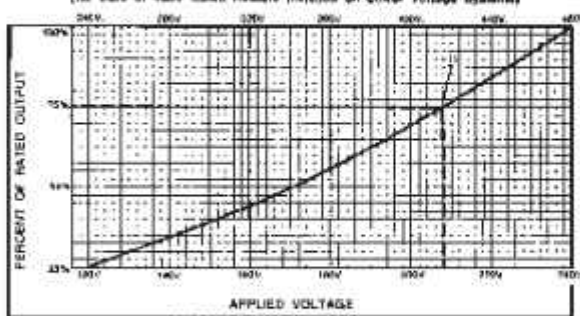


Heater De-Rating Chart

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.

ELECTRIC HEATER DE-RATING CHART

(For 240V or 480V Rated Heaters (rated on Green Voltage Systems))



EXAMPLE: Calculated Heat Load = 25,000 BTU/H Power Supply = 208V.
 The chart indicates that any 240V heater will deliver 75% of its rated capacity at 208V.

$\frac{25,000 \text{ BTU/H}}{.75} = 33,333 \text{ BTU/H}$ Select a heater having AT LEAST 33,333 BTU/H capacity at 240V

Basic Air Conditioning Formulas

Basic Air Conditioning Formulas

TO DETERMINE	EXPRESSED AS	COOLING	HEATING and/or HUMIDIFYING
Total Airflow	CFM _T	1. $CFM_T = \frac{RT}{4.5 \text{ min./ft.}}$	1. $CFM_T = \frac{RT}{4.5 \text{ min./ft.}}$
Infiltration or Ventilation	CFM _h	2. $CFM_h = \frac{N_h V}{60 \text{ min./hr.}}$	2. $CFM_h = \frac{N_h V}{60 \text{ min./hr.}}$
Number of Air Changes Per Hour - Total	N _T	3. $N_T = \frac{CFM_T (60 \text{ min./hr.})}{V}$	3. $N_T = \frac{CFM_T (60 \text{ min./hr.})}{V}$
Number of Air Changes Per Hour - Outdoor Air	N _h	4. $N_h = \frac{CFM_h (60 \text{ min./hr.})}{V}$	4. $N_h = \frac{CFM_h (60 \text{ min./hr.})}{V}$
Total Heat (BTU)	Btu/h	5. $BT = CFM_T \times 4.5 \times (t_1 - t_2) = \text{Btu/h}$	6. $BT = CFM_T \times 4.5 \times (t_2 - t_1) = \text{Btu/h}$
Sensible Heat (BTU)	Btu/h	7. $HS = CFM_T \times 1.08 \times (T_1 - T_2) = \text{Btu/h}$	8. $HS = CFM_T \times 1.08 \times (T_2 - T_1) = \text{Btu/h}$
Latent Heat (BTU)	Btu/h	9. $HL = CFM_T \times .68 \times (W_1 - W_2) = \text{Btu/h}$	10. $HL = CFM_T \times .68 \times (W_2 - W_1) = \text{Btu/h}$
Entering Air D.B. Temp. (T ₁) (Mixed Air)	°F D.B.	11. $T_1 = t_1 + \frac{CFM_h}{CFM_T} \times (t_2 - t_2) = \text{°F D.B.} \odot$ $\odot$ If duct heat gain is a factor, add to T ₁ : $\frac{\text{Duct Heat Gain (Btu/h)}}{CFM_T \times 1.08}$	12. $T_1 = t_1 - \frac{CFM_h}{CFM_T} \times (t_2 - t_2) = \text{°F D.B.} \odot$ $\odot$ If duct heat loss is a factor, subtract from T ₁ : $\frac{\text{Duct Heat Loss (Btu/h)}}{CFM_T \times 1.08}$
Leaving Air D.B. Temp. (T ₂)	°F D.B.	13. $T_2 = T_1 - \frac{HS}{CFM_T \times 1.08} = \text{°F D.B.}$	14. $T_2 = T_1 + \frac{HS}{CFM_T \times 1.08} = \text{°F D.B.}$
Required Airflow	CFM _T	15. $CFM_T = \frac{HS (\text{total})}{1.08 \times (T_1 - T_2)} = \text{CFM}$ OR $CFM_T = \frac{HS (\text{latent}) \odot}{1.08 \times (W_1 - W_2)} = \text{CFM}$ $\odot$ Sensible load of outside air not included	16. $CFM_T = \frac{HS}{1.08 \times (T_2 - T_1)} = \text{CFM}$
Exhaust - Leaving Air (h ₂)	Btu/h dry air	17. $h_2 = h_1 - \frac{BT}{CFM_T \times 4.5} = \text{Btu/h dry air}$	18. $h_2 = h_1 + \frac{BT}{CFM_T \times 4.5} = \text{Btu/h dry air}$
Leaving Air W.B. Temperature	°F W.B.	19. Refer to Exh. Table and read W.B. temperature corresponding to exha. of leaving air (h ₂) (see #17)	20. Refer to Exh. Table and read W.B. temperature corresponding to exha. of leaving air (h ₂) (see #18)
Heat Required to Evaporate Water Vapor Added to Ventilation Air	Btu/h	21. $HL = CFM_h \times .68 (W_2 - W_1) = \text{Btu/h}$	22. $HL = CFM_h \times .68 (W_2 - W_1) = \text{Btu/h}$
Humidification Requirements	Lbs. water/lb.	23. $\left(\frac{\text{Make up Moisture}}{\text{1000 Btu/lb.}} \right) \times \left(\frac{\text{Excess Latent Capacity of System} \times \% \text{ Run Time}}{\text{1000 Btu/lb.}} \right) = \text{Btu/lb.}$ <i>(Industrial Process Work)</i>	24. $\left(\frac{\text{Make up Moisture}}{\text{1000 Btu/lb.}} \right) \times \left(\frac{HL \text{ less Btu (see #22)}}{\text{1000 Btu/lb.}} \right) = \text{Btu/lb.}$

LEGEND	DERIVATION OF AIR CONSTANTS
CFM_T = Total airflow cubic feet/minute. CFM_h = Outdoor air cubic feet/minute. N_T = Total air changes per hour. N_h = Outdoor air, air changes per hour. V = Volume of space cubic feet. RT = Total heat Btu/h. HS = Sensible heat Btu/h. HL = Latent heat Btu/h. • N_T = Exh. or total heat of entering air. • N_h = Exh. or total heat of leaving air. T₁ = Temperature of entering air. T₂ = Temperature of leaving air. T_{adv} = Apparatus dewpoint. t₁ = Indoor design temperature. t₂ = Outdoor design temperature. W₁ = Grains of moisture of dry air of entering condition. W₂ = Grains of moisture of dry air of leaving condition. W₃ = Grains of moisture of dry air of indoor design condition. W₄ = Grains of moisture of dry air of outdoor design condition.	The air constants below apply specifically to standard air which is defined as dry air at 70°F and 14.7 P.S.I.A. (29.32 in. mercury column). They can, however, be used in most cooling calculations unless extremely precise results are desired. 4.5 (to convert CFM to lbs./hr.) 4.5 = $\frac{60 \text{ min./hr.}}{13.2}$ or 60 X .675 Where 13.2 is the specific volume of standard air (see #16) and 60 is the density (lbs./cu. ft.) 1.08 = $\frac{.24 \times 60}{13.2}$ or .24 X 4.5 .24 BTU = specific heat of standard air (BTU/lb./°F) 1.08 = $\frac{.68}{13.2} \times \frac{1000}{1.08}$ or 4.5 X $\frac{1000}{1.08}$ Where 1000 = Average latent heat of water vapor (BTU/lb.). .68 = Grains per lb.

* See Exh. Table of Air (Total Heat Content of Air) Table for exha. values.

Low Ambient Accessories Cooling and Heating Models

Table AC/IN-13-A — Low Ambient Accessories Cooling Models

Low Ambient Accessory for American Standard Residential Cooling Units												
Cooling Unit	55°F	30°F to 55°F			0°F to 30°F or 20°F to 30°F - Please Reference Lowest Approved Outdoor Operating Temperature per Model Family Table							
	As Manufactured	AY28AU79	1XV-NB	UCH	RAYLOAM103	RAYLOAM107A*	AY28X3TV	1XV-NB	Start Kit	Compressor Crankcase Heater	Windshield	Liquid Line Solenoid Valve
4A7C3 (0)	X	X	X	X	X		X	X	N/A	X	X	X
4A7C4 4A7C7	X	X	X	X	X		X	X	N/A	X	X	X
4A7A3	X	X	X	X	X		X	X	X	X	X	X
4A7A4-L	X	X	X	X	X		X	X	X	X	X	X
4A7LB (0)	X	X	X	X		X	X	X	X	X	X	X
4A7AB-1 4A7A7	X	X	X	X	X		X	X	X	X	X	X
4A7V8	X	NOT APPROVED										
4A7V00	X	NOT APPROVED										

Table AC/IN-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	30°F to 55°F			0°F to 30°F or 20°F to 30°F - Please Reference Lowest Approved Outdoor Operating Temperature per Model Family Table							
	As Manufactured	AY28AU79	1XV-NB	UCH	RAYLOAM103	RAYLOAM107A*	AY28X3TV	1XV-NB	Start Kit	Compressor Crankcase Heater	Windshield	Liquid Line Solenoid Valve
4A8C4 (0)	X	X	X	X		X	X	X	N/A	X	X	
4A8C7	X	X	X	X		X	X	X	N/A	X	X	
4A8H4 4A8H5	X	X	X	X		X	X	X	X	X	X	
4A8H5-H	X	X	X	X		X	X	X	X	X	X	
4A8LB (0)	X	X	X	X		X	X	X	X	X	X	
4A8H7	X	X	X	X		X	X	X	X	X	X	
4A8V8	X	NOT APPROVED										
4A8V00	X	NOT APPROVED										

Charts are for quick reference only. For complete application guidelines, consult the specific SSC-A/G***

(0) Reference AMSS (H-A/G001-LN) for complete Low Ambient Guidelines

(0) Reference SSC-A/G014A-LN for Gas Discharge Low Ambient Application Guidelines

Reference SSC-A/G012A-LN for complete Low Ambient Guidelines

* DD NOT Apply RAYLOAM103/107 to model fanages with variable speed condenser fan motors

** H Direct Control or CN107255, CN107462 use RAYLOAM107

Table AC/IN-13-C — Lowest Approved Outdoor Operating Temperature for Cooling Operation per Model Family Table

Model Family	Lowest Approved Outdoor Ambient	
	AC	HP
4A7V8 / 4A8V8 / 4A7V00 / 4A8V00	55°F	55°F
4A7C3	0°F	0°F
4A7C4 / 4A8C4 / 4A7C7 / 4A8C7	20°F	10°F
4A7A3	0°F	0°F
4A7A4 / 4A8H4 / 4A8H5	20°F	10°F
4A7A6 / 4A8H5** / 4A7LB / 4A8LB	20°F	10°F
4A7A7 / 4A8H7	20°F	10°F

** Models with variable speed condenser motors are approved to 30°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

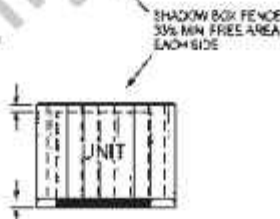
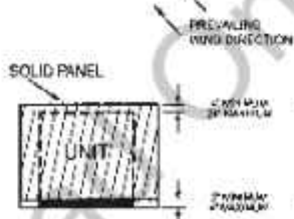
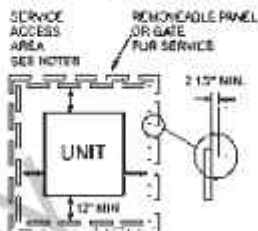
Wind Shields are required to block prevailing winds across condenser coil. In applications where cooling

operation is required to 0°F, wind shields are a Must. Use the following guidelines for your application.

SHIELD DESIGN FOR HIGHLY DIRECTIONAL WINDS



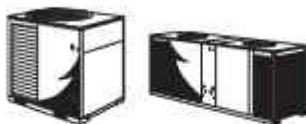
SHIELD DESIGNED FOR NON-DIRECTIONAL WINDS



Notes:

Minimum working clearance must be in compliance with the National Electric Code. Currently, the minimum clearance between a wood or suitable grounding material type fence requires minimum 3 feet. If other material is used to form the windshield, the minimum space may be increased to 3.5 feet. Please consult the 2006 Edition of the National Electric Code, Article 110 for the most up to date information, please refer to the most current National Electric Code.

For a detailed Application Bulletin on required accessories and wind shields for low outdoor ambient operation, please contact your Territory Manager or Local FSR.



TTA - 6-25 Tons

Split System Cooling Three Phase - 6-25 Tons, R-410A

- **ReliaTel™** controls option
- (1) Scroll compressor (TTA073-120G)
- (2) Scroll compressors (TTA073H-240H) with independent refrigerant circuits
- (2) Manifolded scroll compressors (TTA120L, 180F-300J)
- 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)
- All Aluminum microchannel coil
- 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
- **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 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

- 00 = Packed Stock
- 0S = 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 = Hall Guard
- HS = Hall Guard and Complete Coat Coated Coil
- HR = Hall Guard and ReliaTel™ Controls
- HT = Hall Guard and ReliaTel™ Controls with Complete Coat Coated Coil

Table LSC-1-A — TTA Split System Cooling — Single Compressor — R-410 Refrigerant

Model Number	Power Supply	Nom. Cap. Cooling (BTU/h)	Unrated Dimensions (in.)			Shipping Weight (lbs.)	Sound Rating	MCA*	Max. Fuse*	Line Size	
			H	W	L					OD Gas	OD Liq.
TTA073G300A	208-230/3/60	76,000	46	45	38	310	84	30.6	50	1 1/8"	3/8"
TTA090G300A	208-230/3/60	95,000	46	45	38	320	83	34.4	45	1 1/8"	3/8"
TTA120G300A	208-230/3/60	120,000	46	55	42	416	90	42.8	60	1 1/8"	3/8"
TTA073G400A	460/3/60	76,000	46	45	38	310	84	13	20	1 1/8"	3/8"
TTA090G400A	460/3/60	95,000	46	45	38	320	83	17.7	20	1 1/8"	3/8"
TTA120G400A	460/3/60	120,000	46	55	42	416	90	23.4	30	1 1/8"	3/8"
TTA073GW00A	575/3/60	76,000	46	45	38	310	84	10.6	15	1 1/8"	3/8"
TTA090GW00A	575/3/60	95,000	46	45	38	320	83	14.5	20	1 1/8"	3/8"
TTA120GW00A	575/3/60	120,000	46	55	42	416	90	17.6	25	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 (BTU/h)	Unrated Dimensions (in.)			Shipping Weight (lbs.)	Sound Rating	MCA*	Max. Fuse*	Line Size	
			H	W	L					OD Gas	OD Liq.
TTA090H300A	208-230/3/60	95,000	46	45	38	384	91	36	50	1 1/8"	3/8"
TTA120H300A	208-230/3/60	124,000	46	55	42	428	91	41	45	1 1/8"	3/8"
TTA150H300A	208-230/3/60	153,000	52	55	42	514	91	56	70	1 1/8"	3/8"
TTA180H300A	208-230/3/60	186,000	52	66	48	750	93	67	90	1 1/8"	3/8"
TTA240H300A	208-230/3/60	256,000	52	86	48	904	94	98	125	1 1/8"	3/8"
TTA090H400A	460/3/60	95,000	46	45	38	384	91	16.9	20	1 1/8"	3/8"
TTA120H400A	460/3/60	124,000	46	55	42	428	91	20.1	25	1 1/8"	3/8"
TTA150H400A	460/3/60	153,000	52	55	42	514	91	27	35	1 1/8"	3/8"
TTA180H400A	460/3/60	186,000	52	66	48	750	93	33	40	1 1/8"	3/8"
TTA240H400A	460/3/60	256,000	52	86	48	904	94	47	60	1 1/8"	3/8"
TTA090HW00A	575/3/60	95,000	46	45	38	384	91	12.2	15	1 1/8"	3/8"
TTA120HW00A	575/3/60	124,000	46	55	42	428	91	15.5	20	1 1/8"	3/8"
TTA150HW00A	575/3/60	153,000	52	55	42	514	91	20	25	1 1/8"	3/8"
TTA180HW00A	575/3/60	186,000	52	66	48	750	93	25	30	1 1/8"	3/8"
TTA240HW00A	575/3/60	256,000	52	86	48	904	94	39	50	1 1/8"	3/8"

00: Sound rating shown is based in accordance with AHJ Standard 270 or 375.

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

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TTA – 6-25 Tons

Split System Cooling Three Phase – 6-25 Tons, R-22

- **ReliaTel™** 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 50°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 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
00—ReliaTel™ Controls

Table L SC-2-A — TTA Split System Heat Pump - Single Compressors with Single Refrigerant Circuits - R-22 Refrigerant

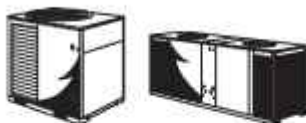
Model Number	Power Supply	Net. Cap. Cooling (BTUH)	Unrated Dimensions (in.)			Shipping Weight (lbs.)	Sound (1) Rating	MCA*	Max. Fuse*	Line Size	
			H	W	L					OD Gas	OD Liq.
TTA090A300G	208-230/3/60	90,000	39	36	42	363	83	31.1	40	1 1/2	3/4
TTA120A300G	208-230/3/60	120,000	45	40	52	487	90	42.6	60	1 1/2	3/4
TTA090A400G	460/3/60	90,000	39	36	42	363	83	15.2	25	1 1/2	3/4
TTA120A400G	460/3/60	120,000	45	40	52	487	90	21.9	30	1 1/2	3/4

Table L SC-2-B — TTA Split System Heat Pump - Dual Compressors with Dual Refrigerant Circuits - R-22 Refrigerant

Model Number	Power Supply	Net. Cap. Cooling (BTUH)	Unrated Dimensions (in.)			Shipping Weight (lbs.)	Sound (1) Rating	MCA*	Max. Fuse*	Line Size	
			H	W	L					OD Gas	OD Liq.
TTA180B300G	208-230/3/60	180,000	48	45	95	850	93	60.4	80	1 1/2	3/4
TTA240B300G	208-230/3/60	240,000	48	45	95	870	94	77.7	100	1 1/2	3/4
TTA180B400G	460/3/60	180,000	48	45	95	850	93	29.5	40	1 1/2	3/4
TTA240B400G	460/3/60	240,000	48	45	95	870	94	39.9	50	1 1/2	3/4

(1) Sound rating shown is based on accordance with AHRI Standard 270 or 370.

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



TTA – 6-25 Tons

Split System Cooling Three Phase – 6-25 Tons, R-410A

- **ReliaTel™** controls option
- (1) Scroll compressor (TTA073G-120G)
- (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 taps
- 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 base
- 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												
0S = 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												
00 = Hail Guard												
0S = Hail Guard and Complete Coat Coil												
0R = Hail Guard and ReliaTel™ Controls												
0T = Hail Guard and ReliaTel™ Controls with Complete Coat Coil												

Table L SC-3-A — TTA Split System Cooling — Dual Manifolded Compressors with Single Refrigerant Circuits — R-410 Refrigerant

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncoiled Dimensions (in.)			Shipping Weight (lbs.)	Sound Rating	MCA*	Max. Fuse*	Line Size OD Gas	Line Size OD Liq.
TTA120J300A	208-230/3/60	124,000	46	55	42	474	91	41	50	1 1/8"	1"
TTA180J300A	208-230/3/60	186,000	52	56	48	750	93	65	80	1 1/8"	1 1/8"
TTA240J300A	208-230/3/60	256,000	62	56	48	904	94	98	125	1 1/8"	1 1/8"
TTA300J300A	208-230/3/60	303,000	68	56	48	969	94	103	125	2"	1 1/8"
TTA120J400A	460/3/60	124,000	46	55	42	474	91	20	25	1 1/8"	1"
TTA180J400A	460/3/60	186,000	52	56	48	750	93	22	40	1 1/8"	1 1/8"
TTA240J400A	460/3/60	256,000	62	56	48	904	94	47	60	1 1/8"	1 1/8"
TTA300J400A	460/3/60	303,000	68	56	48	969	94	48	60	2"	1 1/8"
TTA120JW00A	575/3/60	124,000	46	55	42	474	91	15	20	1 1/8"	1"
TTA180JW00A	575/3/60	186,000	52	56	48	750	93	26	35	1 1/8"	1 1/8"
TTA240JW00A	575/3/60	256,000	62	56	48	904	94	39	50	1 1/8"	1 1/8"
TTA300JW00A	575/3/60	303,000	68	56	48	969	94	42	50	2"	1 1/8"

OD: Sound rating shown is based on accordance with AHRI Standard 210 or 310.

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

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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		
BAYGARD058A	Hall/Vandal Guard	TTA073G/H, TTA090G/H
BAYGARD058A	Hall/Vandal Guard	TTA120G/H/J
BAYGARD058A	Hall/Vandal Guard	TTA150H
BAYGARD061A	Hall/Vandal Guard	TTA180H/J, TTA240H/J
BAYGARD062A	Hall/Vandal Guard	TTA300J
Hot Gas By-Pass		
BAYHGBPG10A	Universal Hot Gas Bypass Kit	TTA073G-TTA300J
Isolators		
BAYISLT004A	Rubber Isolator Floor (blue)	TTA073G/H-TTA090G/H
BAYISLT005A	Rubber Isolator Floor (black)	TTA120G/H/J
BAYISLT009A	Rubber Isolator Floor (red)	TTA150H, TTA180H/J
BAYISLT010A	Rubber Isolator Floor (green)	TTA240H/J, TTA300J
BAYISLT023A	Steel Spring Isolator Floor (red)	TTA073G, TTA090G, TTA120G, TTA073H, TTA090H
BAYISLT024A	Steel Spring Isolator Floor (black)	TTA120H/J, TTA150H, TTA180H/J
BAYISLT025A	Steel Spring Isolator Floor (yellow)	TTA240H/J, TTA300J
Low Ambient		
BAYLOAMU01A(000000)	On/Off Fan Control Mounted in External Enclosure (small cabinets)	TTA073-090 (all voltages)
BAYLOAMU02A(00000)	On/Off Fan Control Mounted in Unit Control Box (large cabinets)	TTA120-300 (all voltages)
BAYLOAM335A(0)	Modulating ICM Head Pressure Control w/ 208-230V 0.5 HP HI-E [®] Motor (internal mount)	TTA073G3, TTA090G3
BAYLOAM336A(0)	Modulating ICM Head Pressure Control w/ 208-230V 1 HP HI-E [®] Motor (internal mount)	TTA120G3/H3/J3, TTA150H3, TTA180H3/J3, TTA240H3/J3, TTA300J3
BAYLOAM337A(0)	Modulating ICM Head Pressure Control w/ 208-230V 0.5 HP HI-E [®] Motor (internal mount)	TTA090H3, TTA073H3
BAYLOAM435A(0)	Modulating ICM Head Pressure Control w/ 460V 0.5 HP HI-E [®] Motor (internal mount)	TTA073G4, TTA090G4
BAYLOAM436A(0)	Modulating ICM Head Pressure Control w/ 460V 1.0 HP HI-E [®] Motor (internal mount)	TTA120G4/H4/J4, TTA150H4, TTA180H4/J4, TTA240H4/J4, TTA300J4
BAYLOAM437A(0)	Modulating ICM Head Pressure Control w/ 380-460V 0.5 HP HI-E [®] Motor (internal mount)	TTA073H4, TTA090H4
BAYLOAMW36A(0)	Modulating ICM Head Pressure Control w/ 575V 1.0 HP HI-E [®] Motor (internal mount)	TTA120GW/HW/JW, TTA150HW, TTA180HW/JW, TTA240HW/JW, TTA300JW
BAYLOTR001A(0)	Additional Pressure Transducer for ICM Head Pressure Control	TTA120H/J, TTA150H
Time Delay Relay		
BAYRLAY002	Time Delay Relay	TTA090G-TTA300J
BACnet™ Communications Interface		
BAYBCIR001A	BACnet (B3C-R) Communications Interface	All

(0) Kit mounts external to the outdoor unit and operates by sensing ambient and fluid line temperatures.

(0) Cycles fan on/off. (no modulating).

(0) Quantity of 1 required for each fan (2 total for TTA1/TTA180-300).

(0) The fan[®] requires unobstructed LDC function to be disabled when Baysystem is used, remove CK-wire from terminal J5-1&2.

(0) BAYLO110014 required when modulating BAYLOAM kit used with units that have 2 compressors and 1 condenser fan.

Split System Cooling Three Phase – 6-25 Tons

Table LSC-S-A — ReliaTel™ Control Options

Model Number	Description	Used With
ASYSTAT106A	Zone Sensor Set Point Fan System	TTA073-TTA300 with ReliaTel™ Controls
ASYSTAT107A	Zone Sensor Set Point Adj. Fan System, EH, LED	TTA073-TTA300
ASYSTAT108A	Zone Sensor 2 Set Point Fan System	TTA073-TTA300 with ReliaTel™ Controls
ASYSTAT109A	Zone Sensor 2 Set Point Adj. Fan System, EH, LED	TTA073-TTA300
ASYSTAT777A	Digital Programmable Zone Sensor with Night Setback	TTA073-TTA300 with ReliaTel™ Controls
BAYSENS0500	Wireless Zone Sensor	TTA073-TTA300 with ReliaTel™ Controls
BAYSENS073A	Room Sensor w/ Override and Cancel Button	TTA073-TTA300 with ReliaTel™ Controls
BAYSENS074A	Room Sensor w/ Temperature Adjustment and Override Button	TTA073-TTA300 with ReliaTel™ Controls
BAYSENS077A	Remote Sensor	ASYSTAT106A-ASYSTAT109A, ASYSTAT777A
BAYSENS110A	Dual Set Point w/ Manual/Auto Change Over	TTA073-TTA300 with ReliaTel™ Controls

Table SC-S-B — Electromechanical Control Options

Model Number	Description	Used With
ASYSTAT002A	2H/2C Touch Screen Digital Display Programmable Thermostat "Touch Screen"	All
ASYSTAT093A	2H/2C Digital Display Programmable Thermostat With Humidity Sensor	All

© Kit comes 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 indoor fan timing sequences for the different types of equipment, enhancing efficiency and reliability. **Standard**

Built in Night Set Back and Unoccupied Functions — 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 — Aids in quick verification of system and control operation, exercises both hardware and software (no special tools required). **Standard**

Built in Unoccupied Mode — 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) — 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 — Stages electric heaters "OFF" and "ON", eliminating the use of outdated sequencers. **Standard**

Intelligent Failback — A built in Default Control provides adaptive 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 — 30 feet maximum using 22 gauge wire. Micro Control System — 150 feet using 22 gauge wire. **Standard**

On Board Diagnostics — Assist with equipment troubleshooting. If a problem occurrence should take place. **Standard**

Remote Sensing — 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 — 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™ RTDR™ 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 Fail 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.

Ⓢ Denotes features lost from utilizing standard conventional wiring.



TWA – 6-20 Tons

Split System Heat Pumps Three Phase – 6-20 Tons, R-410A

- **ReliaTel™** controls (standard)
- (1) Scroll compressor (TWA073-120C)
- (2) Scroll compressors (TWA073-240E) 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 Dehost 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
- **6-year compressor warranty** (TWA073D, 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 0 9 0 D 3 0 0 A D

Compressor Type

D = Single Compressor/Single Refrigerant Circuit, R-410A
 E = Dual Compressor/Dual Refrigerant Circuit, R-410A

Factory-installed Options

DR = ReliaTel™ Controls
 DT = ReliaTel™ Controls and Black Epoxy Coated Coil

1 2 3 4 5 6 7 8 9 10 11 12
 T W A 0 9 0 D 3 0 0 A D

Compressor Type

D = Single Compressor/Single Refrigerant Circuit, R-410A
 E = Dual Compressor/Dual Refrigerant Circuit, R-410A

Factory-installed Options

DR = ReliaTel™ Controls and ReliaTel™ Controls
 DT = ReliaTel™ Controls and 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 (BTU/h)	Uncoiled Dimensions (in.)			Shipping Weight (lbs.)	Sound (1) Rating	MCA*	Max. Fuse*	Line Size (in.)	
			H	W	L					OD Gas	OD LIQ
TWA073D30RA	208-230/3/60	78,000	39	36	42	382	84	31.4	40	1 1/4	3/8
TWA090D30RB	208-230/3/60	90,000	39	36	42	394	83	34.0	50	1 1/4	3/8
TWA120D30RB	208-230/3/60	120,000	45	40	52	496	90	47.0	70	1 1/4	3/8
TWA073D40RA	480/3/60	78,000	39	36	42	382	84	14.9	20	1 1/4	3/8
TWA090D40RB	480/3/60	90,000	39	36	42	394	83	18.0	30	1 1/4	3/8
TWA120D40RB	480/3/60	120,000	45	40	52	496	90	25.0	40	1 1/4	3/8
TWA073DWRRA	575/3/60	78,000	39	36	42	382	84	11.6	15	1 1/4	3/8
TWA090DWRB	575/3/60	90,000	39	36	42	394	83	13.0	20	1 1/4	3/8
TWA120DWRB	575/3/60	120,000	45	40	52	496	90	22.0	35	1 1/4	3/8

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 (BTU/h)	Uncoiled Dimensions (in.)			Shipping Weight (lbs.)	Sound (1) Rating	MCA*	Max. Fuse*	Line Size (in.)	
			H	W	L					OD Gas	OD LIQ
TWA073E30RA	208-230/3/60	74,000	39	40	52	417	84	27.0	35	1 1/4	3/8
TWA090E30RA	208-230/3/60	90,000	39	40	52	470	83	33.0	45	1 1/4	3/8
TWA120E30RA	208-230/3/60	120,000	45	40	52	496	90	41.0	50	1 1/4	3/8
TWA180E30RA	208-230/3/60	180,000	46	45	95	898	93	55.3	80	1 1/4	3/8
TWA240E30RA	208-230/3/60	246,000	46	45	95	981	94	85.1	100	1 1/4	3/8
TWA073E40RA	430/3/60	74,000	39	40	52	417	84	15.0	20	1 1/4	3/8
TWA090E40RA	430/3/60	90,000	39	40	52	470	83	18.0	20	1 1/4	3/8
TWA120E40RA	430/3/60	120,000	45	40	52	496	90	20.0	25	1 1/4	3/8
TWA180E40RA	460/3/60	180,000	46	45	95	898	93	33.4	40	1 1/4	3/8
TWA240E40RA	460/3/60	246,000	46	45	95	981	94	45.5	50	1 1/4	3/8
TWA073EW30RA	575/3/60	74,000	39	40	52	417	84	10.0	15	1 1/4	3/8
TWA090EW30RA	575/3/60	90,000	39	40	52	470	83	12.0	15	1 1/4	3/8
TWA120EW30RA	575/3/60	120,000	45	40	52	496	90	15.0	20	1 1/4	3/8
TWA180EW30RA	575/3/60	180,000	46	45	95	898	93	27.4	30	1 1/4	3/8
TWA240EW30RA	575/3/60	246,000	46	45	95	981	94	34.8	40	1 1/4	3/8

(1) Sound rating shown is based on accordance with AHRI Standard 270 or 370.

* Information subject to change. Please confer with current Product Data/Service Facts 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.



TWA - 7.5-20 Tons

Split System Heat Pumps Three Phase - 7.5-20 Tons, R-22

- **ReliaTel™** controls (standard)
- (1) Scroll compressor (TWA073-120A)
- (2) Scroll compressors (TWA180-240B) 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 nails under base
- UL listed

1 2 3 4 5 6 7 8 9 10 11 12
 T W A 0 9 0 A 3 0 0 A 0

Compressor Type

A = Single Compressor/Single Refrigerant Circuit, R-22

B = Dual Compressor/Dual Refrigerant Circuit, R-22

Factory-installed Options

OR = ReliaTel™ Controls

Table L SH-2-A — TWA Split System Heat Pumps - Single Compressors with Single Refrigerant Circuits - R-22 Refrigerant

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncoiled Dimensions (in.)			Shipping Weight (lbs.)	Sound Rating	MCA*	Max. Power	Line Size (in.)	
			H	W	L					OD Gas	OD Liq.
TWA090A30RG	208-230/3/60	90,000	39	36	42	354	83	31.1	45	1 1/2	3/8
TWA120A30RG	208-230/3/60	120,000	45	40	52	509	90	42.6	60	1 1/2	1/2
TWA090A40RG	460/3/60	90,000	39	36	42	354	83	15.2	25	1 1/2	3/8
TWA120A40RG	460/3/60	120,000	45	40	52	509	90	21.9	30	1 1/2	1/2

Table L SH-2-B — TWA Split System Heat Pumps - Dual Compressors with Dual Refrigerant Circuits - R-22 Refrigerant

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncoiled Dimensions (in.)			Shipping Weight (lbs.)	Sound Rating	MCA*	Max. Power	Line Size (in.)	
			H	W	L					OD Gas	OD Liq.
TWA180B30RG	208-230/3/60	180,000	46	45	95	898	93	60.4	80	1 1/2	1/2
TWA240B30RG	208-230/3/60	240,000	46	45	95	981	94	77.7	100	1 1/2	1/2
TWA180B40RG	460/3/60	180,000	46	45	95	898	93	29.5	40	1 1/2	3/8
TWA240B40RG	460/3/60	240,000	46	45	95	981	94	39.9	50	1 1/2	1/2

OD Sound rating shown is based in accordance with AHRI Standard 370 or 370A.

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

Split System Heat Pumps – Accessories

Three Phase – 6-20 Tons, R-410A

Table L SH-3-A — R-410A Optional Accessories

Model Number	Description	Used With
Cell Guard		
BAYGARD058A	Hall/Vandal Guard	TWA073D,090D
BAYGARD059A	Hall/Vandal Guard	TWA073E,030E
BAYGARD060A	Hall/Vandal Guard	TWA120D,120E
BAYGARD061A	Hall/Vandal Guard	TWA180E,240E
Isolators		
BAYISLT005A	Rubber Isolator Floor (black)	TWA073D-TWA120D, TWA073E, TWA120E
BAYISLT009A	Rubber Isolator Floor (red)	TWA180E
BAYISLT010A	Rubber Isolator Floor (green)	TWA240E
BAYISLT023A	Steel Spring Isolator Floor (red)	TWA073D, TWA090D, TWA120D, TWA073E, 120E
BAYISLT024A	Steel Spring Isolator Floor (black)	TWA180E
BAYISLT025A	Steel Spring Isolator Floor (yellow)	TWA240E
Low Ambient		
BAYLOAMU01A (00X000)	On/Off Fan Control Mounted in External Enclosure (small cabinets)	TWA073D-090D (all voltages)
BAYLOAMU02A (00X00)	On/Off Fan Control Mounted in Unit Control Box (large cabinets)	TWA120D-240E (all voltages), TWA073-120E (all voltages)
BAYLOAM335A (0)	Modulating ICM Head Pressure Control w/ 208-230V 0.5 HP Hi-E® Motor (internal mount)	TWA073D, TWA090D3, TWA073E3, TWA090B3
BAYLOAM336A (0)	Modulating ICM Head Pressure Control w/ 208-230V 1 HP Hi-E® Motor (internal mount)	TWA120D3, TWA120E3
BAYLOAM435A (0)	Modulating ICM Head Pressure Control w/ 460V 0.5 HP Hi-E® Motor (internal mount)	TWA073D4, TWA090D4, TWA073E4, TWA070E4
BAYLOAM436A (0)	Modulating ICM Head Pressure Control w/ 460V 1.0 HP Hi-E® Motor (internal mount)	TWA120D4/E4, TWA240E4
BAYLOAMW36A (0)	Modulating ICM Head Pressure Control w/ 575V 1.0 HP Hi-E® Motor (internal mount)	TWA120D/W/EW-TWA240EW
BAYLOTR001A	Transducer Kit for Head Pressure Control	BAYLOAM335,336,435,436,W36, TWA073E, TWA090E, TWA120E
BACnet™ Communications Interface		
BAYBCIR001A	BACnet (BC-R) Communications Interface	All
Time Delay Relay		
BAYRLAY002	Time Delay Relay	TWA090D-TWA240E
BAYRLAY005	Heat Pump Interlock relay	All TWA Units with BAYLOAM Application Requirements
Wire Kit		
BAYWRKT003A (0)	Heat Pump configuration wiring harness	TWA180E, TWA240E

(0) Kit mounts external to the outdoor unit and operates by sensing ambient and liquid line temperatures.

(2) Cycles fan on/off, (no modulating).

(3) Quantity of 1 required for each fan (2 total for 1 A/TWA180-240).

(4) Used on Dual circuit HP condensers with a field installed LCI (and for independent) mechanical heating operation configuration.

* BAYLOH001A required when modulating BAYLOAM is used with units that have 2 compressors and 1 condenser fan.

Split System Heat Pumps Three Phase – 6-20 Tons

Table L SC-4-A — ReliaTel™ Control Options

Model Number	Description	Used With
ASYSTAT107A	Zone Sensor, Set Point Adj, Fan, System, EH, LED	TWA073-TWA240 with ReliaTel™ Controls
ASYSTAT109A	Zone Sensor, 2 Set Point Adj, Fan, System, EH, LED	TWA073-TWA240 with ReliaTel™ Controls
ASYSTAT777A	Digital Programmable Zone Sensor with Night Setback	TWA073-TWA240, TTA073-TTA240 with ReliaTel™ Controls
BAYSENS0600	Wireless Zone Sensor	TWA073-TWA240 with ReliaTel™ Controls
BAYSENS073A	Room Sensor w/ Override and Cancel Button	TWA073-TWA240 with ReliaTel™ Controls
BAYSENS074A	Room Sensor w/ Temperature Adjustment and Override Button	TWA073-TWA240 with ReliaTel™ Controls
BAYSENS077A	Remote Sensor	ASYSTAT107A, ASYSTAT109A, ASYSTAT777A
BAYSENS110A	Dual Set Point w/ Manual/Auto Change Over	TWA073-TWA240 with ReliaTel™ Controls

Table L SC-4-B — Electromechanical Control Options

Model Number	Description	Used With
ASYSTAT092A	24/2C Touch Screen Digital Display Programmable Thermostat "Touch Screen"	All
ASYSTAT093A	34/2C Digital Display Programmable Thermostat w/Humidity Sensor	All

00 Kit comes with everything required for installation and operation

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 — 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 — Aids in quick verification of system and control operation, exercises both hardware and software (no special tools required). **Standard**

Built in Unoccupied Mode — 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) — 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 — Stages electric heaters "OFF" and "ON", eliminating the use of outdated sequencers. **Standard**

Intelligent Failback — A built in Default Control provides adaptive 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 — 30 feet maximum using 22 gauge wire. Micro Control System — 150 feet using 22 gauge wire. **Standard**

On Board Diagnostics — Assist with equipment troubleshooting, if a problem occurrence should take place. **Standard**

Remote Sensing — 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 — 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™ RTM 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 Fail 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, optimizing and lowering operating costs.

Ⓢ Denotes features lost from utilizing standard conventional wiring.

Split System Air Handlers, R-410A

Single Phase – 5-10 Tons

Three Phase – 5-25 Tons

- Ships 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 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 (EDC) Evaporator Defrost Control
- IAD (Indoor Air Quality) sloped/free draining pan, no standing water
- Two inch filters factory installed on 12 $\frac{1}{2}$, 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 service clearance to reduce building requirements
- Braided refrigerant piping connections
- Fan relay UL listed and CSA Certified
- **Optional extended warranties**



5, 7 $\frac{1}{2}$, 10, 12 $\frac{1}{2}$, 15, 20, 25 Ton TWE Convertible Air Handlers (Upflow or Horizontal Only)

1 2 3 456 7 8 9 10 11 12
 T W E 180 0 3 R 3 A A

Capacity

061 = 5 Tons 180 = 15 Tons
 080 = 7.5 Tons 240 = 20 Tons
 120 = 10 Tons 300 = 25 Tons
 150 = 12.5 Tons

Factory-Installed Options

00 = Standard Motor - Electromechanical Controls
 03 = 2 speed VFD Standard Motor - Electromechanical Controls
 04 = 2 speed VFD Oversized Motor - Electromechanical Controls
 R3 = 52VAC VFD Standard Motor - RolaTel™ Controls
 R4 = 52VAC VFD Oversized Motor - RolaTel™ Controls

Table LAH-1-A — Single Circuit Coil - R-410A⁽¹⁾

Tons	Unit Model No.	Power Supply Volts/Phase/Hz	Capacity (Btu)	FCCV	Drive Type	Dimensions (in.) ⁽²⁾ H x W x D	Shipping Weight (lbs.)	MCA ⁽³⁾	Max Fuse Size or Max Circuit Breaker ⁽⁴⁾
Single Phase									
5	TWE061D180AA	208-230/1/60	60,000	TXV	Belt	48 x 38 x 23	263	7.5	15
7 $\frac{1}{2}$	TWE080D180AA	208-230/1/60	80,000	TXV	Belt	54 x 49 x 26	360	8.5	15
10	TWE120D180AA	208-230/1/60	120,000	TXV	Belt	54 x 65 x 26	429	10.8	15
Three Phase									
5	TWE061D300AA	208-230/3/60	60,000	TXV	Belt	48 x 38 x 23	263	3.1	15
5	TWE061D400AA	460/3/60	60,000	TXV	Belt	48 x 38 x 23	263	1.8	15
5	TWE061DW00AA	575/3/60	60,000	TXV	Belt	48 x 38 x 23	263	1.5	15
7 $\frac{1}{2}$	TWE080D300AA	208-230/3/60	80,000	TXV	Belt	54 x 49 x 26	360	6.8	15
7 $\frac{1}{2}$	TWE080DW00AA	575/3/60	80,000	TXV	Belt	54 x 49 x 26	360	2.3	15
10	TWE120D300AA	208-230/3/60	120,000	TXV	Belt	54 x 65 x 26	429	7.8	15
10	TWE120DW00AA	575/3/60	120,000	TXV	Belt	54 x 65 x 26	429	2.9	15

⁽¹⁾ Control transformer not included. Order control transformer accessory when matching these air handlers with 3-5 ton condensing units.

⁽²⁾ Ships wired for 208-230/1/60. Field convertible 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 configuration, the drain pan should be repositioned before setting the air handler.

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

Split System Air Handlers, R-410A

Single Phase – 5-10 Tons

Three Phase – 5-25 Tons

- Ships 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, condenser, 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



5, 7½, 10, 12½, 15, 20, 25 Ton TWE Convertible Air Handlers (Upflow or Horizontal Only)

- Factory Installed (EDC) Evaporator Defrost Control
- IAQ (Indoor Air Quality) sloped/free draining 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 service clearance to reduce building requirements
- Brazed refrigerant piping connections
- Fan relay UL listed and CSA Certified
- Factory installed 2 speed variable frequency drive (VFD) option available for enhanced part load performance and minimum REQUIRED for CA Title 24 Compliance
- Factory installed Single Zone VAV (SZVAV) option available for enhanced part load performance and space temperature control via varying airflow
- Optional extended warranties

1 2 3 456 7 8 9 10 11 12
 T W E 180 D 3 R 3 A A

Capacity

181 = 5 Tons 182 = 7½ Tons
 190 = 7½ Tons 240 = 20 Tons
 120 = 10 Tons 300 = 25 Tons
 150 = 12½ Tons

Factory-Installed Options

U0 = Standard Motor - Electromechanical Controls
 U3 = 2 speed VFD Standard Motor - Electromechanical Controls
 U4 = 2 speed VFD Oversized Motor - Electromechanical Controls
 R3 = SZVAV VFD Standard Motor - ReleTail™ Controls
 R4 = SZVAV VFD Oversized Motor - ReleTail™ Controls

Table LAH-2-A — Dual Circuit Coil — R-410A

Tons	Unit Model No.	Power Supply Volts/Phase/Hz	Capacity (Btu/h)	FCV	Drive Type	Dimensions (in.) ⁽¹⁾ H x W x D	Shipping Weight (lb.)	MCA ⁽²⁾	Max Fuse Size or Max Circuit Breaker ⁽³⁾
Single Phase									
5	TWE061E180AA	208-230/1/60	60,000	TXV	Belt	48 x 39 x 23	263	7.5	15
7½	TWE060E180AA	208-230/1/60	90,000	TXV	Belt	54 x 45 x 26	360	8.5	15
10	TWE120E180AA	208-230/1/60	120,000	TXV	Belt	54 x 55 x 26	429	10.6	15
Three Phase									
5	TWE061E300AA	208-230/3/60	60,000	TXV	Belt	48 x 39 x 23	263	3.1	15
5	TWE061E400AA	460/3/60	60,000	TXV	Belt	48 x 39 x 23	263	1.6	15
6	TWE073E300AA	208-230/3/60	72,000	TXV	Belt	54 x 45 x 26	360	6.6	15
6	TWE073E400AA	460/3/60	72,000	TXV	Belt	54 x 45 x 26	360	2.3	15
7½	TWE090E300AA	208-230/3/60	90,000	TXV	Belt	54 x 45 x 26	360	6.6	15
10	TWE120E300AA	208-230/3/60	120,000	TXV	Belt	54 x 55 x 26	429	7.8	15
10	TWE120E400AA	460/3/60	120,000	TXV	Belt	54 x 55 x 26	429	2.9	15
12½	TWE150E300AA	208-230/3/60	150,000	TXV	Belt	69 x 81 x 30	730	7.4	15
12½	TWE150E400AA	460/3/60	150,000	TXV	Belt	69 x 81 x 30	730	2.8	15
15	TWE180E300AA	208-230/3/60	180,000	TXV	Belt	69 x 81 x 30	729	11.8	20
15	TWE180E400AA	460/3/60	180,000	TXV	Belt	69 x 81 x 30	729	4.3	15
20	TWE240E300AA	208-230/3/60	240,000	TXV	Belt	72 x 94 x 32	851	18.1	25
20	TWE240E400AA	460/3/60	240,000	TXV	Belt	72 x 94 x 32	851	8.4	15
20	TWE240E400AA	575/3/60	240,000	TXV	Belt	72 x 94 x 32	851	6.5	15
25	TWE300E300AA	208-230/3/60	292,000	TXV	Belt	72 x 94 x 32	872	24.5	30
25	TWE300E400AA	460/3/60	292,000	TXV	Belt	72 x 94 x 32	872	11.2	20
25	TWE300E400AA	575/3/60	292,000	TXV	Belt	72 x 94 x 32	872	8.0	15

⁽¹⁾ Coil transformer not included. Order coil transformer accessory when matching these air handlers with 3-5 ton condensing units.

⁽²⁾ Steps listed for 208-230/3/60. Field convertible to 460/3/60.

⁽³⁾ MCA (type) circuit breaker per NEC.

⁽⁴⁾ Dimensions based on upflow position.

⁽⁵⁾ All air handlers are shipped with the drain pan attached to the horizontal position. For vertical configuration, the drain pan should be repositioned before setting the air handler.

⁽⁶⁾ 460V motors (labeled 460V) are only available on TWE150E and TWE180 when 24 or 52VAV is selected in option 9 and 10.

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

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Service Facts and/or installers' Guides and Related Warranty Handbooks.

Split System Air Handlers, R-410A

Single Phase – 5-10 Tons
 Three Phase – 5-25 Tons

Table LAH-3-A — 6 - 10 Ton Electric Heater Selection

Model Number	Description	Used With
BAYHTR106A	4.33/5.78 kW Heater 208/240/1 Phase	TWE061D1-TWE120E1
BAYHTR112A	6.65/11.52 kW Heater 208/240/1 Phase	TWE061D1-TWE120E1
BAYHTR117A	12.08/17.28 kW Heater 208/240/1 Phase	TWE061D1-TWE120E1
BAYHTR123A	17.30/23.04 kW Heater 208/240/1 Phase	TWE061D1-TWE120E1
BAYHTR129A	21.65/28.80 kW Heater 208/240/1 Phase	TWE061D1-TWE120E1
BAYHTR1305A	3.75/5.00 kW Heater 208/240/3 Phase	TWE061D3-TWE120E3
BAYHTR1310A	7.40/9.96 kW Heater 208/240/3 Phase	TWE061D3-TWE120E3
BAYHTR1315A	11.25/14.96 kW Heater 208/240/3 Phase	TWE061D3-TWE120E3
BAYHTR1325A	16.71/24.92 kW Heater 208/240/3 Phase	TWE061D3-TWE120E3
BAYHTR1335A	26.20/34.88 kW Heater 208/240/3 Phase	TWE061D3-TWE120E3
BAYHTR405A	5.00 kW Heater 460/3 Phase	TWE061D4-TWE120E30
BAYHTR410A	9.96 kW Heater 460/3 Phase	TWE061D4-TWE120E30
BAYHTR415A	14.96 kW Heater 460/3 Phase	TWE061D4-TWE120E30
BAYHTR425A	24.92 kW Heater 460/3 Phase	TWE061D4-TWE120E30
BAYHTR435A	34.88 kW Heater 460/3 Phase	TWE061D4-TWE120E30
BAYHTR1W05A	5 kW Heater 575/3 Phase	TWE061DW-TWE120EW
BAYHTR1W10A	9.96 kW Heater 575/3 Phase	TWE061DW-TWE120EW
BAYHTR1W15A	14.96 kW Heater 575/3 Phase	TWE061DW-TWE120EW
BAYHTR1W25A	24.92 kW Heater 575/3 Phase	TWE061DW-TWE120EW
BAYHTR1W35A	34.88 kW Heater 575/3 Phase	TWE061DW-TWE120EW

Table LAH-3-B — 12½ - 20 Ton Electric Heater Selection

Model Number	Description	Used With
BAYHTRM310A	7.50/10.0 kW Heater 208/230 3 Phase	TWE150E3-TWE300E3
BAYHTRM320A	14.96/19.92 kW Heater 208/230 3 Phase	TWE150E3-TWE300E3
BAYHTRM330A	22.50/29.92 kW Heater 208/230 3 Phase	TWE150E3-TWE300E3
BAYHTRM350A	37.42/49.84 kW Heater 208/230 3 Phase	TWE150E3-TWE300E3
BAYHTRM410A	10.0 kW Heater 460/3 Phase	TWE150E30-TWE300E4
BAYHTRM420A	19.92 kW Heater 460/3 Phase	TWE150E30-TWE300E4
BAYHTRM430A	29.92 kW Heater 460/3 Phase	TWE150E30-TWE300E4
BAYHTRM450A	49.84 kW Heater 460/3 Phase	TWE150EW-TWE300EW
BAYHTRMW10A	10.0 kW Heater 575/3 Phase	TWE150EW-TWE300EW
BAYHTRMW20A	19.92 kW Heater 575/3 Phase	TWE150EW-TWE300EW
BAYHTRMW30A	29.92 kW Heater 575/3 Phase	TWE150EW-TWE300EW
BAYHTRMW50A	49.84 kW Heater 575/3 Phase	TWE150EW-TWE300EW

(3) Field convertible to 460/3/60.

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	TWE061D, TWE061E
BAYBASE010A	Vertical Air Handler Subbase	TWE090D, TWE090E, TWE073E
BAYBASE011A	Vertical Air Handler Subbase	TWE120D, TWE120E
BAYBASE012A	Vertical Air Handler Subbase	TWE180E, TWE180E
BAYBASE013A	Vertical Air Handler Subbase	TWE240E, TWE300E
Grille		
BAYGRLE001A	Return Air Grille	TWE061D-E
BAYGRLE002A	Return Air Grille	TWE090D-E, TWE073E
BAYGRLE003A	Return Air Grille	TWE120D-E
BAYGRLE004A	Return Air Grille	TWE180E, TWE180E
BAYGRLE005A	Return Air Grille	TWE240E, TWE300E
High Static Motor		
BAYHSM104B	1.5HP (230/1) w/ 1VL44 motor sheave w/ AK54 fan sheave w/ A44 belt	TWE061D1E1
BAYHSM105B	1.5HP (230/460/3) w/ 1VL44 motor sheave w/ AK54 fan sheave w/ A44 belt	TWE061D3-4/E3-4
BAYHSM106B	1.5HP (575/3) w/ 1VL44 motor sheave w/ AK54 fan sheave w/ A44 belt	TWE061D1W/EW
BAYHSM107B	2 HP (230/1) w/ 1VL44 motor sheave w/ AK66 fan sheave w/ A50 belt	TWE090D1E1
BAYHSM108B	2 HP (230/460/3) w/ 1VL44 motor sheave w/ AK66 fan sheave w/ A50 belt	TWE090D3/E3, TWE073E3
BAYHSM109B	2 HP (575/3) w/ 1VL44 motor sheave w/ AK66 fan sheave w/ A50 belt	TWE090D1W/EW, TWE073E/W
BAYHSM110B	3 HP (230/460/3) w/ 1VP44 motor sheave w/ AK54 fan sheave w/ AX48 belt	TWE090D3/E3, TWE073E3
BAYHSM111B	3 HP (575/3) w/ 1VP44 motor sheave w/ AK54 fan sheave w/ AX48 belt	TWE090D1W/EW, TWE073E/W
BAYHSM112B	3 HP (230/460/3) w/ 1VP44L motor sheave w/ AK74 fan sheave w/ A51 belt	TWE120D3/E3
BAYHSM113B	3 HP (575/3) w/ 1VP44L motor sheave w/ AK74 fan sheave w/ A51 belt	TWE120D1W/EW
BAYHSM114B	3 HP (230/460/3) w/ 1VP44L motor sheave w/ BK72 fan sheave w/ A51 belt	TWE180E3
BAYHSM115B	3 HP (575/3) w/ 1VP44L motor sheave w/ BK72 fan sheave w/ A51 belt	TWE180E/W
BAYHSM116B	5 HP (230/3) w/ 1VP50L motor sheave w/ BK72 fan sheave w/ BX55 belt	TWE180E3
BAYHSM117B	5 HP (460/3) w/ 1VP50L motor sheave w/ BK72 fan sheave w/ BX55 belt	TWE180E4
BAYHSM118B	5 HP (575/3) w/ 1VP50L motor sheave w/ BK72 fan sheave w/ BX55 belt	TWE180E/W
BAYHSM119B	5 HP (230/3) w/ 1VP50L motor sheave w/ BK85 fan sheave w/ BX58 belt	TWE180E3
BAYHSM120B	5 HP (460/3) w/ 1VP50L motor sheave w/ BK85 fan sheave w/ BX58 belt	TWE180E4
BAYHSM121B	5 HP (575/3) w/ 1VP50L motor sheave w/ BK85 fan sheave w/ BX58 belt	TWE180E/W
BAYHSM122B	7.5 HP (230/460/3) w/ 1VP60 motor sheave w/ BK90 fan sheave w/ BX60 belt	TWE240E3/4
BAYHSM123B	7.5 HP (575/3) w/ 1VP60 motor sheave w/ BK90 fan sheave w/ BX60 belt	TWE240E/W
Isolators		
BAYISLT004A(XXXX)	Rubber Isolator Floor (blue)	TWE061D-TWE120E
BAYISLT005A(XXXX)	Rubber Isolator Floor (red)	TWE180E, TWE180E
BAYISLT010A(XXXX)	Rubber Isolator Floor (green)	TWE240E, TWE300E
BAYISLT012B(X)	Rubber Isolator Suspended (red/green)	TWE180E, TWE180E
BAYISLT013B(X)	Rubber Suspended (red/green)	TWE061D-E
BAYISLT014A(X)	Rubber Suspended (green)	TWE090D-E
BAYISLT015B(X)	Rubber Suspended (green/black)	TWE120D-E
BAYISLT016B(X)	Rubber Suspended (red/green)	TWE240E, TWE300E
BAYISLT015A(XXXX)	Steel Spring Isolator Floor (red)	TWE061D-E, TWE073E, TWE090D-E, TWE120D-E
BAYISLT021A(XXXX)	Steel Spring Isolator Floor (black)	TWE180E, TWE180E
BAYISLT032A(XXXX)	Steel Spring Isolator Floor (black/yellow)	TWE240E
BAYISLT028A(X)	Steel Spring Isolator Suspended (tan)	TWE061D-E
BAYISLT029A(X)	Steel Spring Isolator Suspended (red)	TWE073E, TWE090D-E, TWE120D-E
BAYISLT038A(X)	Steel Spring Isolator Suspended (black)	TWE180E, TWE180E
BAYISLT031B(X)	Steel Spring Isolator Suspended (black/yellow)	TWE240E, TWE300E
Low Static Drive Kit		
BAYLSMT001A	Low Static Drive Kit	TWE240E

(1) When the Air handler is in the vertical position and close proximity trapping of condensate is required, use of subbase is required.

(2) Maximum use of subbase accessory.

(3) Units having slabs of hot water coils applied vertically or horizontally check ICM for proper isolator kit selection.

(4) Do not use if blower will operate less than 800 RPM.

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

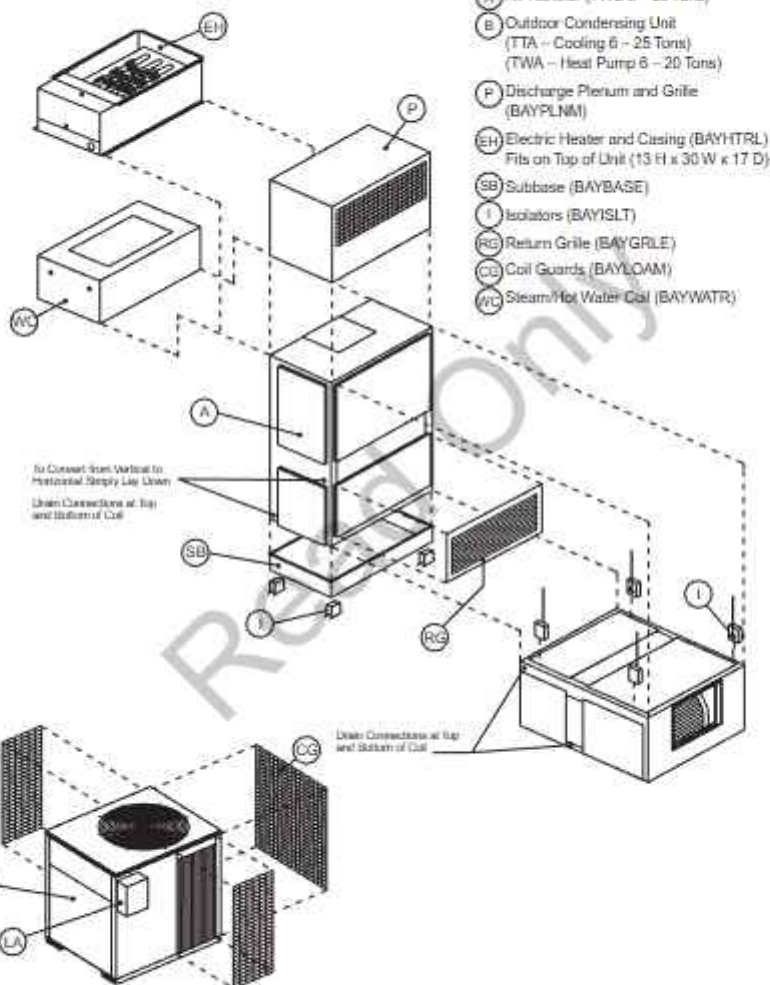
Model Number	Description	Used With
Plenum		
BAYPLNM015B(0)	Discharge Plenum & Grille	TWE061D/E
BAYPLNM016B(0)	Discharge Plenum & Grille	TWE090D/E, TWE073E
BAYPLNM017B(0)	Discharge Plenum & Grille	TWE120D/E
BAYPLNM018B(0)	Discharge Plenum/Hydronic Coil Plenum & Grille	TWE150E, TWE180E
BAYPLNM019B(0)	Discharge Plenum/Hydronic Coil Plenum & Grille	TWE240E, TWE300E
BAYPLNM020B(0)	Hydronic Coil Discharge Plenum & Grille	TWE061D/E
BAYPLNM021B(0)	Hydronic Coil Discharge Plenum & Grille	TWE090D/E, TWE073E
BAYPLNM022B(0)	Hydronic Coil Discharge Plenum & Grille	TWE120D/E
BAYPLNM030A(0)	Electric Heat Discharge Plenum & Grille	TWE061D/E
BAYPLNM031A(0)	Electric Heat Discharge Plenum & Grille	TWE090D/E, TWE073E
BAYPLNM032A(0)	Electric Heat Discharge Plenum & Grille	TWE120D/E
BAYPLNM033A(0)	Electric Heat Discharge Plenum & Grille	TWE150E, TWE180E
BAYPLNM034A(0)	Electric Heat Discharge Plenum & Grille	TWE240E, TWE300E
Transformer		
BAYTFMR011A(0)	75va transformer (230V)	TWE090D3, TWE090E3, TWE120D3, TWE120E3, TWE073E3
BAYTFMR012A(0)	75va transformer	TWE090D4W, TWE090E4W, TWE120D4W, TWE120E4W, TWE073EW, TWE090DK, TWE090EK, TWE120DK, TWE120EK
Water Kits		
BAYWATR022A(0)	Steam Coil Enclosure	TWE061D/E
BAYWATR023A(0)		TWE090D/E, TWE073E
BAYWATR024A(0)		TWE120D/E
BAYWATR025A(0)		TWE150E, TWE180E
BAYWATR026A(0)		TWE240E, TWE300E
BAYWATR027A(0)	Hot Water Coil Enclosure	TWE061D/E
BAYWATR028A(0)		TWE090D/E, TWE073E
BAYWATR029A(0)		TWE120D/E
BAYWATR030A(0)		TWE150E, TWE180E
BAYWATR031A(0)		TWE240E, TWE300E
Wire Kit		
BAYWKT0302A(0)	180 Blower Discharge System Kit	TWE061D-TWE120E

- (0) Required when 5 – 10 Ton AH Handlers are matched with 3-6 Ton conditioning units.
 (0) When installed horizontally, plenum/water coil must be well supported.
 (0) Cannot be used on TWE150-240, due to insufficient clearance.

Split System Air Handlers 5-25 Tons

Factory Supplied Accessories

- (A) Air Handler (TWE 5 ~ 20 Tons)
- (B) Outdoor Condensing Unit
 (TTA ~ Cooling 6 ~ 25 Tons)
 (TWA ~ Heat Pump 6 ~ 20 Tons)
- (P) Discharge Plenum and Grille
 (BAYPLNM)
- (EH) Electric Heater and Casing (BAYHTRL)
 Fits on Top of Unit (13 H x 30 W x 17 D)
- (SB) Subbase (BAYBASE)
- (I) Isolators (BAYISLT)
- (RG) Return Grille (BAYGRLE)
- (CG) Coil Guards (BAYLOAM)
- (WC) Steam/Hot Water Coil (BAYWATR)





ASYSTAT095A

Non-Programmable Comfort Controls for ReliaTel™ Units

ASYSTAT095A

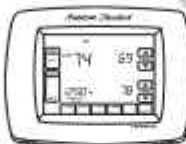
- One-touch temperature control.
- Large, clear, backlit display is easy to read, even in the dark.
- Displays both room temperature and temperature setting.
- Removable battery holder for fast, easy replacement.
- Built-in compressor protection.
- Focus Pro 3 Heat/ 2 Cool



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 ($\pm 1^\circ\text{F}$) — 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



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 ($\pm 1^\circ\text{F}$) — 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

Programmable Comfort Controls for ReliaTel™ Units



ASYSTAT800A

ASYSTAT800A

- Wall mounted remote space sensor.
- For use with ASYSTAT090A, ASYSTAT092A, and ASYSTAT093A programmable thermostats.

Read Only

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. This 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 (BAYSENS077A), 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

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 Triac 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 full 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)

Electronic Programmable Zone Sensors For ReliaTel™ Units



ASYSTAT777A

- Automatic or Manual Changeover with System Lights
- Use With:
 - 3 - 10 Ton Precendent™ 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: 18-HD80D29
- Source: Clarksville

Integrated Comfort™ Systems Sensors For ReliaTel™ Units



ASYSTAT669

- Room Sensor
- Used with Integrated Comfort™ Systems
- Used With:
 - 3 - 10 Ton Precendent™ Units
 - 12.5 - 25 Ton Voyager™ Units
- Finish: Pantone Cool Gray #2C
- Replacement: SEN01448
- Installation: Included with sensor
- Source: St. Paul GCC/Clarksville



Beveled Top
Smoother Design.
Small compact cabinet.
Recessed access handles

Packaged Cooling Convertible 3-10 Tons

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 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 RT-PRC048-EN and RT-SLB020-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
- Convenience Outlet - Powered or unpowered
- Unit Disconnect Switch
- Smoke Detector - 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
- Dehumidification Hot Gas Reheat Coil (High Efficiency Units Only)
- Froststat
- 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

The same American Standard Heating & Air Conditioning Quality and Reliability ... with added Flexibility!

BUILT TO A HIGHER STANDARD

American Standard
 HEATING & AIR CONDITIONING

Packaged Cooling Convertible 3-5 Tons, R-410A

Table LPC-2-A — Precident™ 17 Plus — R-410A — ReliaTel™ Controls Only

Tons	Unit Ordering No.	Performance SEER	Cooling Capacity (Btu/h)	Cabinet Dimensions (in.) H x W x L	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA**	Max Fuse†
THC - 208-230V/3/60 - Three Phase - No Heat									
3	THC037E3R0A0000	17.5	36,500	36 x 44 x 69	16 x 15.5	24 x 14	514	23.3	30
4	THC047E3R0A0000	17.5	50,500	41 x 53 x 88	33 x 17.5	32 x 17.5	787	29.4	40
5	THC057E3R0A0000	17.2	60,000	41 x 53 x 88	33 x 17.5	32 x 17.5	841	32.2	45
THC - 480V/3/60 - Three Phase - No Heat									
3	THC037E4R0A0000	17.5	36,500	36 x 44 x 69	16 x 15.5	24 x 14	514	11.4	15
4	THC047E4R0A0000	17.5	50,500	41 x 53 x 88	33 x 17.5	32 x 17.5	787	13.7	20
5	THC057E4R0A0000	17.2	60,000	41 x 53 x 88	33 x 17.5	32 x 17.5	841	15.2	20

Table PC-2-B — Base Unit — 15 SEER High Efficiency — R-410A — Electromechanical or ReliaTel™

Tons	Unit Ordering No.	Performance SEER	Cooling Capacity (Btu/h)	Cabinet Dimensions (in.) H x W x L	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA**	Max Fuse†
THC - 208-230V/1/60 - Single Phase - No Heat									
3	THC036E1CA0000	15.2	38,490	36 x 44 x 69	16 x 15.5	24 x 14	505	26.7	40
4	THC046E1CA0000	15.0	48,930	41 x 53 x 88	33 x 17.5	32 x 17.5	708	35.7	50
5	THC060E1CA0000	15.0	62,480	41 x 53 x 88	33 x 17.5	32 x 17.5	823	43.8	70
THC - 208V/3/60 - Three Phase - No Heat									
3	THC036E3CA0000	15.0	38,490	36 x 44 x 69	16 x 15.5	24 x 14	505	21.9	30
4	THC046E3CA0000	15.0	48,930	41 x 53 x 88	33 x 17.5	32 x 17.5	637	28.3	40
5	THC060E3CA0000	15.0	62,480	41 x 53 x 88	33 x 17.5	32 x 17.5	869	32.1	45
THC - 480V/3/60 - Three Phase - No Heat									
3	THC036E4CA0000	15.0	38,490	36 x 44 x 69	16 x 15.5	24 x 14	505	10.2	15
4	THC046E4CA0000	15.0	48,930	41 x 53 x 88	33 x 17.5	32 x 17.5	637	13.8	20
5	THC060E4CA0000	15.0	62,480	41 x 53 x 88	33 x 17.5	32 x 17.5	869	17.0	25

Table LPC-2-C — Base Unit — 14 SEER — R-410A — Electromechanical or ReliaTel™

Tons	Unit Ordering No.	Performance SEER	Cooling Capacity (Btu/h)	Cabinet Dimensions (in.) H x W x L	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA**	Max Fuse†
T8C - 208-230V/1/60 - Three Phase - No Heat									
3	T8C036G3CA0000	14.0	37,000	41 x 44 x 69	16 x 15.5	24 x 14	537	19.9	30
4	T8C048G3CA0000	14.0	49,000	41 x 44 x 69	16 x 15.5	24 x 14	557	25.4	35
5	T8C060G3CA0000	14.0	60,000	41 x 44 x 69	16 x 15.5	24 x 14	603	28.2	40
T8C - 480V/3/60 - Three Phase - No Heat									
3	T8C036G4CA0000	14.0	37,000	41 x 44 x 69	16 x 15.5	24 x 14	537	9.5	15
4	T8C048G4CA0000	14.0	49,000	41 x 44 x 69	16 x 15.5	24 x 14	557	11.0	15
5	T8C060G4CA0000	14.0	60,000	41 x 44 x 69	16 x 15.5	24 x 14	603	12.0	15

① HACR breaker per NEC.

② SEER applies, 3-5 tons; SEER applies 6-10 tons.

* Digit 9 = Electromechanical or R = ReliaTel™.

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

Packaged Cooling Convertible 6 - 10 Tons, R-410A

Table LPC-3-A — Base Unit — High Efficiency — R-410A — Electromechanical or ReHaTel™

Tons	Unit Ordering No.	Performance EER	Cooling Capacity (Btu/h)	Cabinet Dimensions (in.) H x W x L	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA**	Max Fuse**
THC — 208-230/3/80 — Three Phase High Efficiency									
6	THC072F3*0A0000	14.5	72,000	47 x 53 x 86	33 x 17.5	32 x 17.5	997	33.9	50
6	THC074F3*0A0000	15.5	73,000	47 x 53 x 88	33 x 17.5	32 x 17.5	1016	37.4	50
7 1/2	THC092F3*0A0000	14.5	92,000	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	41.9	50
8 1/2	THC102F3*0A0000	14.7	103,000	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	42.0	50
10	THC120F3*0A0000	14.7	116,000	51 x 63 x 100	33 x 17.5	32 x 17.5	1326	46.1	60
THC — 480/3/80 — Three Phase									
6	THC072F4*0A0000	14.5	72,000	47 x 53 x 88	33 x 17.5	32 x 17.5	997	16.9	25
6	THC074F4*0A0000	15.5	73,000	47 x 53 x 88	33 x 17.5	32 x 17.5	1016	18.7	25
7 1/2	THC092F4*0A0000	14.5	92,000	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	19.9	25
8 1/2	THC102F4*0A0000	14.7	103,000	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	19.9	25
10	THC120F4*0A0000	14.7	116,000	51 x 63 x 100	33 x 17.5	32 x 17.5	1326	21.9	30

Table LPC-3-B — Base Unit — Standard Efficiency — R-410A — Electromechanical or ReHaTel™

Tons	Unit Ordering No.	Performance SEER/EER	Cooling Capacity (Btu/h)	Cabinet Dimensions (in.) H x W x L	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA**	Max Fuse**
T3C — 208-230/3/80 — Three Phase — No Heat									
6	T3C072F3*0A0000	13.0	75,000	42 x 53 x 86	33 x 17.5	32.13 x 17.5	898	36.5	50
7 1/2	T3C090F3*0A0000	12.3	89,000	42 x 53 x 88	33 x 17.5	32.13 x 17.5	915	39.2	50
7 1/2	T3C092F3*0A0000	13.0	94,000	46 x 53 x 88	33 x 17.5	32.13 x 17.5	1009	41.2	50
8 1/2	T3C102F3*0A0000	12.8	102,000	46 x 53 x 88	33 x 17.5	32.13 x 17.5	1048	46.3	60
10	T3C120F3*0A0000	13.0	119,000	46 x 53 x 88	33 x 17.5	32.13 x 17.5	1058	49.6	60
T3C — 480/3/80 — Three Phase — No Heat									
6	T3C072F4*0A0000	13.0	75,000	42 x 53 x 86	33 x 17.5	32.13 x 17.5	898	18.2	25
7 1/2	T3C090F4*0A0000	12.3	89,000	42 x 53 x 88	33 x 17.5	32.13 x 17.5	915	19.5	30
7 1/2	T3C092F4*0A0000	13.0	94,000	46 x 53 x 88	33 x 17.5	32.13 x 17.5	1009	21.5	25
8 1/2	T3C102F4*0A0000	12.8	102,000	46 x 53 x 88	33 x 17.5	32.13 x 17.5	1048	21.8	25
10	T3C120F4*0A0000	13.0	119,000	46 x 53 x 88	33 x 17.5	32.13 x 17.5	1058	22.7	35
T3C — 676/3/80 — Three Phase — No Heat									
6	T3C072FW*0A0000	13.0	75,000	42 x 53 x 86	33 x 17.5	32.13 x 17.5	898	12.7	20
7 1/2	T3C090FW*0A0000	12.3	89,000	42 x 53 x 88	33 x 17.5	32.13 x 17.5	915	14.7	20
7 1/2	T3C092FW*0A0000	13.0	94,000	46 x 53 x 88	33 x 17.5	32.13 x 17.5	1009	15.0	20
8 1/2	T3C102FW*0A0000	12.8	102,000	46 x 53 x 88	33 x 17.5	32.13 x 17.5	1048	17.5	20
10	T3C120FW*0A0000	13.0	119,000	46 x 53 x 88	33 x 17.5	32.13 x 17.5	1058	18.9	25

(*) HACR breaker per NEC.

* - Digit 9-B = Electromechanical or H-ReHaTel™.

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

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Packaged Cooling Convertible 3-10 Tons (Model Digit Numbers)

Digit	Description	Order Number	Digit	Description	Order Number
1-5	Unit Controls (see previous page)		21	Communications Options(0)	
5	Unit Controls			No Communications Interface.....	0
	Electro-Mechanical.....	1		Control 3/4 Communications Interface.....	1
	Reliable™ Micro-processor.....	5		Novus 2024 Controls.....	3
10	(See Header table below)			Novus 2021 Controls.....	4
11	Minor Design Sequence			Novus 2021 Controls Interface with UCV.....	5
	First Sequence.....	4		BAControl™ Communications Interface.....	9
12-13	Service Sequence		22	Refrigeration System Option	
	First Sequence (Factory Supplied).....	00		Standard Refrigeration System.....	0
14	Fresh Air Selection			Dehumidification (Hot Gas Bypass Coil/Off)	02
	No Fresh Air.....	0	23	Refrigeration Controls	
	0-50% Manual Outside Air Damper(0)	1		Note: Applicable to Digit 7 = 2 & F	
	0-50% Multistage Outside Air Damper.....	3		No Refrigeration Control.....	0
	0-100% Economizer, Dry Bulb without			Prohibit(0)	1
	Barometric Relief(0)	C		Crankcase Heater.....	2
	0-100% Economizer, Dry Bulb with			Prohibit and Crankcase Heater.....	3
	Barometric Relief(0)	U	24	Smoke Detector(000)	
	0-100% Economizer, Wetbulb Enthalpy			No Smoke Detector.....	0
	without Barometric Relief(000)	F		Return Air Smoke Detector(000).....	4
	0-100% Economizer, Wetbulb Enthalpy			Supply Air Smoke Detector.....	5
	with Barometric Relief(000)	F		Supply and Return Air Smoke Detector(000).....	6
	0-100% Economizer, Compensated Enthalpy		25	Person Smoke Detector	
	without Barometric Relief(000)	G		No Monitoring Control(0)	0
	0-100% Economizer, Compensated Enthalpy			Clogged Filter Switch(0)	1
	with Barometric Relief(000)	H		Fan Failure Switch(000).....	2
	Low Leak Economizer, Dry Bulb			Discharge Air Sensing Tube(0)	3
	with Barometric Relief.....	3		Clogged Filter Switch and Fan Failure Switch(0)	4
	Low Leak Economizer, Compensated Enthalpy			Clogged Filter Switch and Discharge	
	with Barometric Relief.....	6		Air Sensing Tube(0)	5
	Low Leak Economizer, Wetbulb Enthalpy			Fan Failure Switch and Discharge Air Sensing Tube(0)	6
	with Barometric Relief.....	F		Clogged Filter and Fan Failure Switch	
15	Supply Fan/Drive Type/Motor			and Discharge Air Sensing Tube(0)	7
	Standard Drive.....	0		Novus (Halt) Air Sensor(0)	8
	Overload Motor.....	1		Novus 2021 Zone Sensor(0)	9
	Optional Belt Drive Motor (3 phase only).....	2		Condensate Drain Fan Overflow Switch.....	A
	Single Zone VAV.....	3		Clogged Filter Switch(0) and	
	Multi-Speed Inducer Fan.....	7		Condensate Drain Fan Overflow Switch.....	B
	VAV Supply Air Temperature Control Standard Motor.....	8		Clogged Filter Switch(0) and	
16	Refrigerant Service Access & Filters			Condensate Drain Fan Overflow Switch.....	C
	Standard Panels & Filters.....	0		Fan Failure Switch(0) and Condensate	
	Refrigerant Access Panels & Standard Filters.....	A		Drain Fan Overflow Switch.....	D
	Standard Panels & 2" Pleated Filter MERV 8.....	B		Discharge Air Sensing(0) and	
	Refrigerant Access Panels & 2" Pleated Filter MERV 8.....	C		Condensate Drain Fan Overflow Switch.....	E
	Standard Panels(2" MERV 13 Filter).....	D		Clogged Filter Switch(0) and	
	Refrigerant Access Panels(2" MERV 13 Filter).....	E		Discharge Air Sensing(0) and	
	Condensate Drain Fan Overflow Switch.....	F		Condensate Drain Fan	
17	Condenser Coil Protection			Overflow Switch.....	F
	Standard Coil.....	0		Fan Failure Switch, Discharge Air Sensing Tube(0)	
	Standard Coil with Heat Guard.....	1		and Condensate Drain Fan Overflow Switch.....	G
	Black Epoxy (Pre-Coated) Condenser Coil.....	2		Clogged Filter Switch(0), Fan Failure Switch(0)	
	Black Epoxy (Pre-Coated) Condenser Coil.....	3		Discharge Air Sensing(0) and	
	Complete Coil™ Condenser Coil.....	4		Condensate Drain Fan Overflow Switch.....	H
	Complete Coil™ Condenser Coil with Heat Guard.....	5	26	System Monitoring Controls	
18	Through the Slew Problems			No Monitoring Controls.....	0
	No Through the Slew Problems.....	0		Demand Control Ventilation (CO ₂ /VAV).....	A
	Through the Slew Problems.....	A	27	Unit Hardware Enhancements	
19	Disconnect/Circuit Breaker/Phase Monitor (3 phase only)			No Enhancements.....	0
	No Disconnect/Circuit Breaker.....	0		Stateline Blast Drain Pan.....	1
	Unit Mounted Non-Reset Disconnect(00)	1		Fault Detection and Diagnosis (FDD).....	B
	Unit Mounted Circuit Breaker(00)	2		Fault Detection and Diagnosis (FDD)	
20	Convenience Outlet			with Demand Control Ventilation.....	C
	No Convenience Outlet.....	0	31	Advanced Unit Controls	
	Unpowered Convenience Outlet.....	A		Standard Unit Controls.....	0
	Powered Convenience Outlet (3 phase only)(00)	B		Human Interface.....	1

(0) Enthalpy control not available factory standard with electro-mechanical controls.
(1) Economizer with Barometric Relief is for low/medium configurations only. Order Economizer without Barometric Relief for high temperature configurations. Barometric Relief for horizontal configurations must be ordered as field installed accessory (BA/BA/MD/DA).
(2) Requires use of Disconnect or Circuit Breaker.
(3) Prohibit cannot be field installed in electro-mechanical units.
(4) Not available with 10/15/20/25 High Temperature Std. accessory.
(5) The return air smoke detector may not fit up to work properly on the horizontal units when used in conjunction with 2nd party accessories such as coil on the hood wheels, economizers and power exhaust. Do not order the return air smoke detector when using this type of accessory.
(6) Return Air Smoke Detector cannot be ordered with Novus Controls.
(7) These options are standard when ordering Novus Controls.
(8) This option for use when ordering Novus Control only.
(9) The manual outside air damper will ship factory supplied within the unit, but must be field installed.
(10) Through the Slew electric required when ordering disconnect/circuit breaker options.
(11) Not available with electro-mechanical unit controls.
(12) Novus Sensor utilized with digit 21 = 14) Novus 2021 Controls without Zone Sensor.
(13) Available for 1/7/10 ton standard efficiency models only.

(14) Available for 1/7/3/4/5/6/8/9/10/12/15/20/25 ton standard high efficiency models only.
(15) Requires selection of 2" Pleated Filter (option B or C) for Digit 16.
(16) Not available on 3 phase or 3 phase or standard efficiency.
(17) Standard on 1/15/20/25, 7/15 (single and dual systems), 9/10 ton standard efficiency models and 1/15/20/25, 3/4/5/6/8/9/10/12/15 ton high efficiency models (except for dehumidification models).
(18) Epoxy coil and epoxy with fan guard options are not available for units with mechanical condenser coils.
(19) Single Zone VAV is only available on 7.5/10 ton high efficiency and 10 ton standard efficiency products with Relief to Control.
(20) Multi-speed inducer fan available only on 7.5 & 8.5 ton high efficiency and 10 ton products with Relief to Control.
(21) Stateline Blast Drain Pan is not available on Multi-Speed or S2VAV (Single Zone Variable Air Volume) products.
(22) Prohibit standard on Multi-Speed and S2VAV (Single Zone Variable Air Volume) products.
(23) Novus is not available with S2VAV products.
(24) Demand Control Ventilation not available with electro-mechanical controls.
(25) Demand Control Ventilation Option includes wiring only. The CO₂ sensor is a field-installed only option.
(26) When ordering Dehumidification option, Digit 27 with novel back to C, not F.

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Handbook and/or installers Guides and Related Warranty Handbooks.

Packaged Cooling Convertible 3-10 Tons (Model Digit Numbers)

Heaters (Digit 10)

kW Rating	Digit	Nominal BTUH	No. Stages	Used With	kW Rating	Digit	Nominal BTUH	No. Stages	Used With
200/240/100					400/350				
3.5/5.0	(A)	12,800/17,100	1	1"CO38-380"1	8.0	(B)	20,500	1	1"CO38-380"4
7.5/10.0	(A)	25,600/34,100	2	1"CO38-380"1	12.0	(B)	41,000	2	1"CO38-380"4
15.0/17.5	(F)	48,300/57,100	2	1"CO38-380"1	17.5	(B)	55,500	2	1"CO38-380"4
15.0/17.5	(G)	48,300/57,100	2	1"CO48-380"1	23.0	(J)	78,500	2	1"CO60"4
200/240/100					3.0	(C)	10,700	1	1"CO28-100"4
4.5/6.0	(B)	13,400/20,400	1	1"CO38-380"3	18.0	(J)	81,400	1	1"CO72-100"4
9.0/12.0	(B)	26,800/40,800	2	1"CO38-380"3	27.0	(J)	92,100	2	1"CO72-100"4
15.0/17.5	(G)	44,800/66,400	2	1"CO38-380"3	36.0	(N)	124,000	2	1"CO72-100"4
15.0/17.5	(J)	54,800/79,500	2	1"CO60"3	54.0	(N)	184,000	2	1"CO120"4
8.75/10.0	(C)	21,000/30,700	1	1"CO72-100"3	200/240				
15.0/17.5	(G)	46,100/67,400	1	1"CO72-120"3	8.0	(B)	20,500	1	1"CO38-380"3
20.0/22.0	(B)	60,000/86,100	2	1"CO72-120"3	12.0	(B)	41,000	2	1"CO38-380"3
27.0/30.0	(N)	82,500/122,000	2	1"CO72-120"3	17.5	(B)	55,500	2	1"CO38-380"3
40.0/54.0	(J)	135,000/184,000	2	1"CO120"3	23.0	(J)	78,500	2	1"CO60"3
					3.0	(C)	10,700	1	1"CO28-100"3
					18.0	(J)	81,400	1	1"CO72-100"3
					27.0	(J)	92,100	2	1"CO72-100"3
					36.0	(N)	124,000	2	1"CO72-100"3
					54.0	(N)	184,000	2	1"CO120"3

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Packaged Cooling Convertible 3-5 Tons, R-410A Electric Heaters

Table LPC-6-A — Accessory Electric Heaters — Unit with Heater is single circuit / single point power entry (3-5 Ton units)

Model Number	Power Supply	kW Rating	Normal Btu/h	No. Stages	Used With
BAYHTR105A	208-230/1/50	3.8/5.0	12,900/13,400	1	THC036E1
BAYHTR110A	208-230/1/50	7.5/10.0	25,600/34,000	2	THC036E1
BAYHTR114A	208-230/1/50	10.4/13.8	35,000/47,100	2	THC036E1
BAYHTR306C	208-230/3/50	4.5/6.0	13,400/20,500	1	THC036E3, THC037E3, TSC036G-060G3
BAYHTR312C	208-230/3/50	9.0/12.0	30,800/41,000	2	THC036E3, THC037E3, TSC036G-060G3
BAYHTR318C	208-230/3/50	13.0/17.4	44,600/59,400	2	THC036E3, THC037E3, TSC036G-060G3
BAYHTR323C	208-230/3/50	17.3/23.0	44,600/59,400	2	TSC060G3
BAYHTR406C	460/3/50	6	20500	1	THC036E4, THC037E4, TSC036G-060G4
BAYHTR412C	460/3/50	12	41000	2	THC036E4, THC037E4, TSC036G-060G4
BAYHTR418C	460/3/50	17.4	59400	2	THC036E4, THC037E4, TSC036G-060G4
BAYHTR423C	460/3/50	17.3/23.0	59400	2	TSC060G4
BAYHTR6W06C	575/3/50	6	20500	1	TSC036G-060GW
BAYHTR6W12C	575/3/50	12	41000	2	TSC036G-060GW
BAYHTR6W18C	575/3/50	17.4	59400	2	TSC036G-060GW
BAYHTR6W23C	575/3/50	17.3/23.0	59400	2	TSC060GW
BAYHTRX105A	208-230/1/50	3.8/5.0	12,900/13,400	1	THC048-060F1
BAYHTRX110A	208-230/1/50	7.5/10.0	25,600/34,000	2	THC048-060F1
BAYHTRX114A	208-230/1/50	10.4/13.8	35,000/47,100	2	THC048-060F1
BAYHTRX306B	208-230/3/50	4.5/6.0	13,400/20,500	1	THC047-067E3, THC048-060E3, THC048-048F3
BAYHTRX312B	208-230/3/50	9.0/12.0	30,800/41,000	2	THC047-067E3, THC048-060E3, THC048-048F3
BAYHTRX318B	208-230/3/50	13.0/17.4	44,600/59,400	2	THC047-067E3, THC048-060E3, THC048-048F3
BAYHTRX323B	208-230/3/50	17.3/23.0	59,000/78,500	2	THC067E3, THC060E3, THC060F3
BAYHTRX406B	460/3/50	6	20500	1	THC047-067E4, THC048-060E4, THC048-048F4
BAYHTRX412B	460/3/50	12	41000	2	THC047-067E4, THC048-060E4, THC048-048F4
BAYHTRX418B	460/3/50	18	59400	2	THC047-067E4, THC048-060E4, THC048-048F4
BAYHTRX423B	460/3/50	23	78500	2	THC067E4, THC060E4, THC060F4

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

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 S1UM	No. Stages	Used With
BAYHTR3308B	208-230/3/50	6.75/9.0	23,000/30,700	1	TSC072F3, TSC072H3
BAYHTR3318B	208-230/3/50	13.5/18.0	46,100/61,400	2	TSC072F3, TSC072H3
BAYHTR3327B	208-230/3/50	20.3/27.0	69,000/92,100	2	TSC072F3, TSC072H3
BAYHTR3336B	208-230/3/50	27.0/36.0	92,200/122,900	2	TSC072F3, TSC072H3
BAYHTR3408B	460/3/50	9	30700	1	TSC072F4, TSC072H4
BAYHTR3418B	460/3/50	18	61400	2	TSC072F4, TSC072H4
BAYHTR3427B	460/3/50	27	92100	2	TSC072F4, TSC072H4
BAYHTR3436B	460/3/50	36	122900	2	TSC072F4, TSC072H4
BAYHTR3W08B	575/3/50	9	30700	1	TSC072FW, TSC072HW
BAYHTR3W18B	575/3/50	18	61400	2	TSC072FW, TSC072HW
BAYHTR3W27B	575/3/50	27	92100	2	TSC072FW, TSC072HW
BAYHTR3W36B	575/3/50	36	122900	2	TSC072FW, TSC072HW
BAYHTRW308A	208-230/3/60	6.75/9.0	23,000/30,700	1	TSC090F3, TSC090H3
BAYHTRW318A	208-230/3/60	13.5/18.0	46,100/61,400	1	TSC090F3, TSC090H3
BAYHTRW327A	208-230/3/60	20.3/27.0	69,000/92,100	2	TSC090F3, TSC090H3
BAYHTRW336A	208-230/3/60	27.0/36.0	92,200/122,900	2	TSC090F3, TSC090H3
BAYHTRW408A	460/3/50	9	30700	1	TSC090F4, TSC090H4
BAYHTRW418A	460/3/50	18	61400	1	TSC090F4, TSC090H4
BAYHTRW427A	460/3/50	27	92100	2	TSC090F4, TSC090H4
BAYHTRW436A	460/3/50	36	122900	2	TSC090F4, TSC090H4
BAYHTRW08A	575/3/50	9	30700	1	TSC090FW, TSC090HW
BAYHTRW18A	575/3/50	18	61400	1	TSC090FW, TSC090HW
BAYHTRW27A	575/3/50	27	92100	2	TSC090FW, TSC090HW
BAYHTRW36A	575/3/50	36	122900	2	TSC090FW, TSC090HW
BAYHTRT308B	208-230/3/60	6.75/9.0	23,000/30,700	1	TSC092F3, TSC092H3, TSC102F3, TSC102H3
BAYHTRT318B	208-230/3/60	13.5/18.0	46,100/61,400	2	TSC092F3, TSC092H3, TSC102F3, TSC102H3
BAYHTRT327B	208-230/3/60	20.3/27.0	69,000/92,100	2	TSC092F3, TSC092H3, TSC102F3, TSC102H3
BAYHTRT336B	208-230/3/60	27.0/36.0	92,200/122,900	2	TSC092F3, TSC092H3, TSC102F3, TSC102H3
BAYHTRT408B	460/3/50	9	30700	1	TSC092F4, TSC092H4, TSC102F4, TSC102H4
BAYHTRT418B	460/3/50	18	61400	2	TSC092F4, TSC092H4, TSC102F4, TSC102H4
BAYHTRT427B	460/3/50	27	92100	2	TSC092F4, TSC092H4, TSC102F4, TSC102H4
BAYHTRT436B	460/3/50	36	122900	2	TSC092F4, TSC092H4, TSC102F4, TSC102H4
BAYHTRTW08B	575/3/50	9	30700	1	TSC092FW, TSC092HW, TSC102FW, TSC102HW
BAYHTRTW18B	575/3/50	18	61400	2	TSC092FW, TSC092HW, TSC102FW, TSC102HW
BAYHTRTW27B	575/3/50	27	92100	2	TSC092FW, TSC092HW, TSC102FW, TSC102HW
BAYHTRTW36B	575/3/50	36	122900	2	TSC092FW, TSC092HW, TSC102FW, TSC102HW

Packaged Cooling Convertible 6-10 Tons, R-410A Electric Heaters

Table LPC-8-A — 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 Btu/H	No. Stages	Used With
BAYHTRA306A	208-230/3/60	9	30700	1	THC074-102F3
BAYHTRA218A	208-230/3/60	13.5/18	45,100/61,400	1	THC074F3
BAYHTRA327A	208-230/3/60	20.3/27	69,000/92,100	2	TSC120F3, TSC120H3, THC074-102F3
BAYHTRA336A	208-230/3/60	27/36	92,100/122,900	2	THC074F3
BAYHTRA354A	208-230/3/60	40.5/54	138,300/184,300	2	TSC120F3, TSC120H3
BAYHTRA409A	460/3/60	9	30700	1	THC074F-THC102F
BAYHTRA418A	460/3/60	18	61400	1	TSC120F4, TSC120H4, THC074-102F4
BAYHTRA427A	460/3/60	27	92100	2	TSC120F4, TSC120H4, THC074-102F4
BAYHTRA436A	460/3/60	36	122900	2	TSC120F4, TSC120H4, THC074-102F4
BAYHTRA454A	460/3/60	54	184300	2	TSC120F4, TSC120H4
BAYHTRAW18A	575/3/60	18	61400	1	TSC120FW, TSC120HW
BAYHTRAW36A	575/3/60	36	122900	2	TSC120FW, TSC120HW
BAYHTRAW54A	575/3/60	54	184300	2	TSC120FW, TSC120HW
BAYHTRD318A	208-230/3/60	13.5/18.0	45,100/61,400	1	THC120F3
BAYHTRD327A	208-230/3/60	20.3/27.0	69,000/92,100	2	THC120F3
BAYHTRD336A	208-230/3/60	27.0/36.0	92,100/122,900	2	THC120F3
BAYHTRD354A	208-230/3/60	40.5/54.0	138,300/184,300	2	THC120F3
BAYHTRD418A	460/3/60	18	61400	1	THC120F4
BAYHTRD427A	460/3/60	27	92100	2	THC120F4
BAYHTRD436A	460/3/60	36	122900	2	THC120F4
BAYHTRD454A	460/3/60	54	184300	2	THC120F4
BAYHTRZ318A	208-230/3/60	13.5/18.0	45,100/61,400	1	TSC082H3, TSC102H3, TSC120F3, TSC120H3, THC092-102F3
BAYHTRZ336A	208-230/3/60	20.3/27.0	69,000/92,100	2	TSC082H3, TSC102H3, TSC120F3, TSC120H3, THC092-102F4
BAYHTRZ337A	208-230/3/60	27.0/36.0	92,100/122,900	2	THC120F3
BAYHTRZ354A	208-230/3/60	40.5/54.0	138,300/184,300	2	THC120F3
BAYHTRZ436A	460/3/60	36	122900	2	THC120F4
BAYHTRZ454A	460/3/60	54	184300	2	THC120F4

Packaged Cooling Convertible 3-10 Tons Accessories

Table LPC-S-A — Accessories

Model Number	Description	Used With
BAYABRD001C	ReliaTel™ Options Module	All T*036-120* (ReliaTel™) See Note ①
BAYASCT001	Anti-Short-Cycle Timer	All T*036-120* (Electro Mechanical)
BAYBARM010A②	Barometric Relief	THC036-060*, THC036E
BAYBARM011A②	Barometric Relief	TSC072-102*, THC082F, TSC120F, THC048*-120*
BAYBCIR001A	Bacnet™ Communication Interface	ReliaTel™ Controller (BCI-R)
BAYCCQK001B②③	CO ₂ Sensor Kit, Wall Mounted	All T*036-120* (ReliaTel™)
BAYCCQK003B②③	CO ₂ Sensor Kit, Duct Mounted	All T*036-120* (ReliaTel™)
BAYCURB042A②	Roof Curb	TSC036-060, THC036, THC037
BAYCURB043A②	Roof Curb	TSC072-120, THC048-102
BAYCURB044A	Roof Curb	THC120
BAYDMPR053B	0-50% Manual Outside Air Damper	TSC036-060, THC036, THC037
BAYDMPR056B	0-50% Manual Outside Air Damper	TSC072-120, THC047-120
BAYDMPR051A	0-50% Motorized Outside Air Damper	TSC036-060, THC036, THC037 (ReliaTel™)
BAYDMPR052B	0-50% Motorized Outside Air Damper	TSC036-060, THC036 (Electro Mechanical)
BAYDMPR054A	0-50% Motorized Outside Air Damper	TSC072-120, THC047-120 (ReliaTel™)
BAYDMPR055B	0-50% Motorized Outside Air Damper	TSC072-120, THC047-120 (Electro Mechanical)
BAYECON085A②	0-100% Dry Bulb Economizer without Barometric Relief	TSC036-060, THC036, THC037 (ReliaTel™)
BAYECON086B②	0-100% Dry Bulb Economizer without Barometric Relief	TSC036-060, THC036 (Electro Mechanical)
BAYECON087A②	0-100% Dry Bulb Economizer without Barometric Relief	TSC072-120, THC047-120 (ReliaTel™)
BAYECON088B②	0-100% Dry Bulb Economizer without Barometric Relief	TSC072-120, THC048-120 (Electro Mechanical)
BAYECON704A	Downflow Low Leak Economizer	TSC072-120, THC047-120 (ReliaTel™)
BAYECON705B	Downflow Low Leak Economizer	TSC036-060, THC036, THC037 (ReliaTel™)
BAYENTH300A	Reference Enthalpy Kit (Solid State)	BAYECON086A, 088A (Electro-Mechanical)
BAYENTH301A	Comparative Enthalpy Kit (Solid State)	BAYECON086A, 088A (Electro-Mechanical)
BAYENTH005A②	Reference Enthalpy Kit	BAYECON085A, 087A (ReliaTel™)
BAYENTH006B②	Comparative Enthalpy Kit	BAYECON086A, 087A (ReliaTel™)
BAYFRST003A②④	High Temperature Split	All T*036-120E

① Kits contain all necessary parts to achieve desired level of enthalpy control.

② Lynx Haven Manufacturing has a 10% return policy for this roof curb.

③ For use with ReliaTel™ controlled only.

④ Barometric Relief assemblies install in ductwork for horizontal configuration. For downflow configuration, install in the unit's horizontal return duct. See installer's Guide for complete instructions.

⑤ BAYABRD001C is required when ordering the following factory-installed accessories: Chopped Filter Switch (BAYDF (PS003A)), Fan Fail Switch (BAYFF (PS004A)), Discharge Air Sensing Kit (BAY1100S004A) or Evaporator Defrost Control (Heater) (BAYL04M0010) Ventilation Overhaul Kit (BAYVNC100010) unless the following options are factory-installed: Humidistat, Smoke Detector, Chopped Filter Switch, Fan Failure Switch, Discharge Air Sensing Kit. These factory-installed options include the ReliaTel™ Options Module.

⑥ For use with electromechanical controlled units only.

⑦ Activated on "Power On".

⑧ Field-installed accessories require economizer.

⑨ The manual outside air damper will ship factory-supplied within the unit, but must be field-installed.

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Packaged Cooling Convertible 3-10 Tons Accessories

Table LPC-10-A — Accessories

Model Number	Description	Used With
BAYGARD037C	Condenser Coil Heat Guard	THC036, THC037
BAYGARD040C	Condenser Coil Heat Guard	TSC072-090, THC047-067
BAYGARD041C	Condenser Coil Heat Guard	TSC092-120
BAYGARD070A	Condenser Coil Heat Guard	THC120
BAYGARD137A	Condenser Coil Heat Guard	TSC036-060
BAYGARD141A	Condenser Coil Heat Guard	THC072-102
BAYHSOR012A	High Static Drive Kit	THC072
BAYHSM082A	2 HP Oversized Motor Kit (208-230/460V)	TSC072"3, 4
BAYHSM083A	2 HP Oversized Motor Kit (575V)	TSC072"V
BAYHSM085A	3 HP Oversized Motor Kit (208-230/460V)	TSC090-102"3, 4
BAYHSM087A	3 HP Oversized Motor Kit (575V)	TSC090-102"V
BAYHSM402A	2 HP Oversized Motor Kit	THC072"3, 4
BAYHSOR012A	High Static Drive Kit	THC072
BAYLMSW001A0	Power Exhaust Limit Switch	All T"036-120", R
BAYLQAM020B(0000)	Evaporator Defrost Control (Froststat)	THC036 (RelaTel™)
BAYLQAM120A	Evaporator Defrost Control (Froststat)	TSC036-060 (RelaTel™)
BAYLSOR005B	Low Static Drive Kit: 3-5T High Efficiency	THC036-060
BAYLSOR009A	Low Static Drive Kit	TSC092-102, THC072
BAYLTC002B	LonTalk® Communications Interface (LCI)	All T"036-120", R (RelaTel™)
BAYPWRX025A	Power Exhaust (208-230/3 VAC)	TSC072-120"3, THC047-120"3
BAYPWRX027A	Power Exhaust (460/3 VAC)	TSC072-120"4, THC047-120"4
BAYPWRX028A	Power Exhaust (575/3 VAC)	TSC072-120"V, THC047-120"V
BAYPWRX070A	Power Exhaust (208-230/3 VAC)	TSC036-060"3, THC036"3, THC037"3
BAYPWRX071A	Power Exhaust (460/3 VAC)	TSC036-060"4, THC036"4, THC037"4
BAYPWRX072A	Power Exhaust (575/3 VAC)	TSC036-060"V
BAYQACB009A000	Quick Adapt Roof Curb	TSC036-060, THC036, THC037
BAYQACB010A000	Quick Adapt Roof Curb	TSC036-060, THC036, THC037
BAYQACB011A000	Quick Adapt Roof Curb	TSC072-120, THC047-102
BAYQACB012A000	Quick Adapt Roof Curb	TSC072-120, THC047-102
BAYQACB013A000	Quick Adapt Roof Curb	TSC072-120, THC047-102
BAYRTE001A00	Fully Featured RelaTel™ Economizer Logic Module	All T"036-120", R
BAYSTAT0230	Remote Potentiometer	All T"036-120", R
BAYSERV001A00	Selective Resistance Service Tester	All T"036-120", R
BAYSENS016A00	Temperature Sensor	All T"036-120", R
BAYSENS250A000	CO2 Duct Mounted, Sensor Only	All T"036-120", R (RelaTel™)
BAYSENS251A000	CO2 Wall Mounted, Sensor Only	All T"036-120", R (RelaTel™)
BAYTUBE005A	Discharge Air Sensing Kit	THC036-037"R
BAYTUBE007A	Discharge Air Sensing Kit	TSC072-102"R, THC047-072"R
BAYTUBE105A	Discharge Air Sensing Kit	TSC036-060"R
BAYTUBE401A	Discharge Air Sensing Kit	TSC120"R, THC074-102"R
BAYTUBE403A	Discharge Air Sensing Kit	THC120"R
BAYVNCOR01B(0000)	Ventilation Override Kit w/RelaTel™ options module	All T"036-120", R

- (1) For HellaTel™ microprocessor controlled units only. Must be factory installed for electromechanical controlled units.
- (2) Lynx Heavy Manufacturing has a No-Heldin policy for this roof curb.
- (3) For use with HellaTel™ controlled units only.
- (4) GRA2H0001C is required when ordering field installed accessories: Clogged Filter Switch (BAYDFP000A), Fan Fail Switch (BAYDFP000A), Discharge Air Sensing Kit (BAYTUBE005A) or Evaporator Defrost Control (Froststat) (BAYLQAM020B) Ventilation Override Kit (BAYVNCOR01B) unless the following options are factory installed: Froststat, Smoke Detector, Clogged Filter Switch, Fan Failure Switch, Discharge Air Sensing Kit. These factory installed options include the HellaTel™ Options Module.
- (5) BAYQACB009A accepts Voyager BAYVNCOR01B to accept "Precedent" 3-5 ton unit. BAYQACB011A accepts Voyager BAYVNCOR01B to accept "Precedent" unit.
- (6) Cannot be used in conjunction with Sanonewick Fielded. Order Econometer without Sanonewick Fielded.
- (7) BAYQACB012A accepts Voyager BAYVNCOR01B to accept "Precedent" 8-10 ton unit. BAYQACB013A accepts Voyager BAYVNCOR01B to accept "Precedent" 8-10 ton unit.
- (8) Interface allows a unit with HellaTel™ Controls to communicate with Tracer 100, Tracer II, and is the preferred method of communication to Tracer Summit.
- (9) Field installed accessory requires economizer.
- (10) When ordering a field installed power exhaust on a unit with electromechanical controls, BAYLMSW001A must be ordered.
- (11) If any version of comparative or reference enthalpy is ordered, BAYHLM001A does not need to be ordered.
- (12) Order only when unit has factory installed Demand Control Ventilation option.

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

Packaged Cooling Convertible 3-10 Tons, R-410A Zone Sensors / Thermostats

Table LPC-11-A — Zone Sensors for ReliaTel™ 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
BAYSENS024A	Title 24 Zone Sensor(s)	All
BAYMTPL110A	Retrofit Wall Cover Plate Kit 7.25" x 6.0"	ASYSTAT111A

(1) Must be used with ReliaTel™ Control and BCI Communications Interface

*Other 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

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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) junction number J3-B. **Standard**

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 air return. **Standard**

Built in Evaporator Defrost Control (EDC) Function — Provides low ambient cooling down to 6°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(⓪) — 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, forces outside air damper (if present) minimum 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(⓪) — 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 outside air damper (if present) minimum position to zero, forces fan operation to automatic. **Accessory (requires time clock accessory or field supplied/installed switch or contacts).**

Direct Digital Control (DDC)(⓪) — 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(⓪) — Provides fully integrated operation if required. Will not turn on a compressor with the economizer, if the space is recovering adequately with the economizer alone (0.2°F/minute). Allows the equipment to be utilized in more varied applications. **Standard with economizer accessory.**

Emergency Stop Terminals On Low Voltage Terminal Board (LTB-6 and LTB-8) — Provides a convenient point to disable the equipment completely, and immediately. Still provides communication to BAS. **Standard**

Heat Pump Smart Recovery and Smart Staging(⓪) — Inhibits auxiliary heat operation if the space is recovering adequately (0.1°F/minute) with the heat pump alone, providing considerable savings in operating costs. **Standard**

Heat Pump Soft Start — Provides a smooth transition into heating after defrost, minimizing noise and compressor stress associated with switch over. **Standard**

Increased Reliability — Fewer components (moving electro-mechanical parts), less likelihood of equipment down time or failure. **Standard**

Integral Electric Heat Staging(⓪) — Stages electric heaters "OFF" and "ON", eliminating the use of outdated sequencers. **Standard**

Intelligent Failback(⓪) — A built in Default Control provides adaptive 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 — 30 feet maximum using 22 gauge wire. Micro Control System — 150 feet using 22 gauge wire. **Standard**

On Board Diagnostic(⓪) — Assist with equipment troubleshooting, if a problem occurrence should take place. **Standard**

Remote Sensing(⓪) — 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).**

Selectable Economizer Dry Bulb Change Over — Allows the capability of selecting the following dry bulb change over points: 63, 67, 70 or 73°F. **Standard with economizer accessory.**

Space Temperature Averaging(⓪) — 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.**

Supply Air Tempering(⓪) — 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 (and 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. Provides temperature 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 RTOM, 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 consumption by keeping compressors from starting simultaneously. **Standard**

Low Pressure and High Pressure Compressor Lockout — 3 trips will lockout control.

(⓪) Denotes features lost from utilizing standard conventional cstat.

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 Fail 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.
- **Heat Pump Smart Recovery and Smart Staging** is lost, Heat Pump operation becomes more costly unless 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

12½-25 Ton T-H-G – Downflow

12½-25 Ton T-H-G – 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 fork lift hoist

- Operating charge of R-410A
- Quick-Access on 12½ – 25
- Sloped 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 (Btu/h)	Dimensions (in.) H x W x L	Shipping Weight (lbs.)	MCA ⁽¹⁾	Max Fuse Size or Max Circuit Breaker ⁽²⁾	Downflow ⁽³⁾ Roof curb
12½	TH180G3R0B0000	208-230/3/60	13.5	144,000	34 x 85½ x 122½	2514	63	90	BAYCURB027B
15	TH180G3R0B0000	208-230/3/60	14.0	174,000	64 1/8 x 85½ x 122½	2482	68	90	BAYCURB027B
17½	TH210G3R0B0000	208-230/3/60	13.0	204,000	64 1/8 x 85½ x 122½	2443	86	110	BAYCURB027B
20	TH240G3R0B0000	208-230/3/60	12.4	234,000	64 1/8 x 85½ x 122½	2513	99	125	BAYCURB027B
25	TH300G3R0B0000	208-230/3/60	12.4	274,000	64 1/8 x 85½ x 122½	2514	121	150	BAYCURB027B
12½	TH180G4R0B0000	460/3/60	13.5	144,000	34 x 85½ x 122½	2534	90	40	BAYCURB027B
15	TH180G4R0B0000	460/3/60	14.0	174,000	64½ x 85½ x 122½	2482	33	45	BAYCURB027B
17½	TH210G4R0B0000	460/3/60	13.0	204,000	64½ x 85½ x 122½	2443	43	60	BAYCURB027B
20	TH240G4R0B0000	460/3/60	12.4	234,000	64½ x 85½ x 122½	2513	48	60	BAYCURB027B
25	TH300G4R0B0000	460/3/60	12.4	274,000	64½ x 85½ x 122½	2514	57	70	BAYCURB027B
12½	TH180GWR0B0000	575/3/60	13.5	144,000	34 x 85½ x 122½	2534	34	30	BAYCURB027B
15	TH180GWR0B0000	575/3/60	14.0	174,000	64½ x 85½ x 122½	2482	26	35	BAYCURB027B
17½	TH210GWR0B0000	575/3/60	13.0	204,000	64½ x 85½ x 122½	2443	33	45	BAYCURB027B
20	TH240GWR0B0000	575/3/60	12.4	234,000	64½ x 85½ x 122½	2513	38	50	BAYCURB027B
25	TH300GWR0B0000	575/3/60	12.4	274,000	64½ x 85½ x 122½	2514	44	50	BAYCURB027B

Table LPC-14-B — Standard Efficiency ReliaTel™ Units (R-410A)

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 ⁽¹⁾	Max Fuse Size or Max Circuit Breaker ⁽²⁾	Downflow ⁽³⁾ Roof curb
12½	TS150G3R0A0000	208-230/3/60	12.2	140,000	30½ x 71½ x 107½	1781	64	80	BAYCURB026B
15	TS180G3R0A0000	208-230/3/60	12.2	176,000	54 x 85½ x 122½	2281	75	100	BAYCURB027B
17½	TS210G3R0A0000	208-230/3/60	12.2	193,000	54 x 85½ x 122½	2292	93	125	BAYCURB027B
20	TS240G3R0A0000	208-230/3/60	11.4	240,000	54 x 85½ x 122½	2353	108	125	BAYCURB027B
25	TS300G3R0A0000	208-230/3/60	11.4	272,000	54 x 85½ x 122½	2337	124	150	BAYCURB027B
12½	TS150G4R0A0000	460/3/60	12.2	140,000	30½ x 71½ x 107½	1781	31	40	BAYCURB026B
15	TS180G4R0A0000	460/3/60	12.2	176,000	54 x 85 5/16 x 122½	2281	28	50	BAYCURB027B
17½	TS210G4R0A0000	460/3/60	12.2	193,000	54 x 85 5/16 x 122½	2292	44	60	BAYCURB027B
20	TS240G4R0A0000	460/3/60	11.4	240,000	54 x 85 5/16 x 122½	2353	52	70	BAYCURB027B
25	TS300G4R0A0000	460/3/60	11.4	272,000	54 x 85 5/16 x 122½	2337	59	70	BAYCURB027B
12½	TS150GWR0A0000	575/3/60	12.2	140,000	30½ x 71½ x 107½	1781	23	30	BAYCURB026B
15	TS180GWR0A0000	575/3/60	12.2	176,000	54 x 85½ x 122½	2281	31	40	BAYCURB027B
17½	TS210GWR0A0000	575/3/60	12.2	193,000	54 x 85½ x 122½	2292	35	50	BAYCURB027B
20	TS240GWR0A0000	575/3/60	11.4	240,000	54 x 85½ x 122½	2353	44	60	BAYCURB027B
25	TS300GWR0A0000	575/3/60	11.4	272,000	54 x 85½ x 122½	2337	48	60	BAYCURB027B

(1) HACR type circuit breaker per NEC.

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

(3) Downflow only.

(4) 216,000 in the horizontal airflow configuration.

* Digital 3-1-H = Horizontal or 3-D = Downflow.

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

Packaged Cooling with ReliaTel™ Controls 12½-25 Tons (Model Digit Numbers)

Digit	Description	Order Number	Digit	Description	Order Number
1	Unit Type			Through The Base Electric/Gas(O)	C
	Packaged Cooling, Electric Heat	1		Through The Base Access(O)	U
	Packaged Gas/Electric	Y	19	Disconnect Switch/Circuit Breaker	
2	Efficiency			No Disconnect/Manual Break	0
	Standard Efficiency	S		Unit Mounted Non-Load Disconnect Switch	1
	High Efficiency	H		Unit Mounted Circuit Breaker	2
3	Refrig Configuration		20	Convenience Outlet Option	
	Downflow	D		Without Convenience Outlet	0
	Horizontal	H		Improvised Convenience Outlet	A
4-6	Nominal Gross Cooling Capacity (MCH)			Powered Convenience Outlet	B
	12½ Tons	120	21	Communications Options	
	15 Tons	150		Without Communication/Interface Options	0
	17½ Tons	175		Novus 2024 Controls Interface(O)	3
	20 Tons	200		Novus 305.1 Controls Interface(O)	4
	25 Tons	250		Novus 305.1 Communications Interface with	
7	Major Design Sequence			Demand Control Ventilation(DC)	5
	Microchannel Type Condenser Coils	F		Building Automation Control Network	6
8	Voltage Selection			Communications Interface	8
	208-240VAC	1	22	Refrigeration System Option	
	480VAC	4		Standard refrigeration system	0
	575VAC	W		Normal Expansion Valve (NEV)	0
	580VAC	K		Dehumidification (Hot Gas Reheat)	5
9	Unit Controls		23	Refrigeration Controls	
	Refrigerant	R		Without Refrigeration Controls	0
10	Heating Capacity			Prohibit	1
	No Heat(O)	0	24	Smoke Detector	
	18 kW Electric Heat(O)	G		Without Smoke Detector	0
	27 kW Electric Heat(O)	K		Return Air Smoke Detector	A
	38 kW Electric Heat(O)	N		Supply Air Smoke Detector	B
	54 kW Electric Heat(O)	P		Return Supply Air Smoke Detector	C
	72 kW Electric Heat(O)	H		Plenum Smoke Detector	D
	Gas Heat - High(O)		25	System Monitoring Controls	
	Gas Heat - Low(O)	L		No Monitoring Controls	0
	Gas Heat - SS Hi Ex - NoRelief(O)	J		Charged Filler Switch	1
	Gas Heat - SS Hi Ex - Low(O)	X		Fan Failure Switch	2
	Gas Heat - SS Hi Ex - High(O)	Z		Discharge Air Sensing	3
	Minor Design Sequence			Charged Filler Switch and Fan Failure Switch	4
11	Service Sequence			Charged Filler Switch and Discharge Air Sensing	5
12-13	Peak Air Selection			Fan Failure Switch and Discharge Air Sensing	6
14	Peak Air Selection			Charged Filler Switch, Fan Failure Switch and	7
	No Peak Air	0		Discharge Air Sensing	8
	Even Dry Bulb w/ Barometric Relief	D		NOAH Return Air Sensor (Novus 2024/O)	9
	Even Humidity Enthalpy w/ Barometric Relief	F		NOAH Zone Temp Sensor/Novus 305.1/O	0
	Even Comparative Enthalpy w/ Barometric Relief	H		Condensate Drain Fan Overflow Switch	1
	Low Leak Economizer, Dry Bulb	K		Charged Filler Switch and Condensate Drain	2
	w/ Barometric Relief			Fan Overflow Switch	A
	Low Leak Economizer, Comparative Enthalpy	M		Fan Failure Switch and Condensate Drain	B
	w/ Barometric Relief			Fan Overflow Switch	C
	Low Leak Economizer, Humidity Enthalpy	J		Discharge Air Sensing and Condensate	D
	w/ Barometric Relief			Drain Fan Overflow Switch	E
15	Supply Fan Drive Type/Motor			Charged Filler Switch, Fan Failure Switch and	F
	Standard Motor	0		Condensate Drain Fan Overflow Switch	G
	Overhead Motor	1		Charged Filler Switch, Fan Failure Switch, Discharge Air Sensing	H
	High Efficiency Motor	3		Tube and Condensate Drain Fan Overflow Switch	I
	Single Zone Variable Air Volume Standard Motor	6		Fan Failure Switch, Discharge Air Sensing Tube and	J
	Multi-Speed Standard Motor	7		Condensate Drain Fan Overflow Switch	K
	Single Zone Variable Air Volume Overhead Motor	8		Charged Filler Switch, Fan Failure Switch, Discharge	L
	Multi-Speed Overhead Motor	9		Air Sensing and Condensate Drain Fan Overflow	M
	Single Zone Variable Air Volume Standard			Switch	
	Motor w/ Half Ground Ring	A	26	System Monitoring Controls	
	Multi-Speed Standard Motor w/ Half Ground Ring	B		No Monitoring Controls	0
	Single Zone Variable Air Volume Overhead	C		Demand Control Ventilation (DCV)	1
	Motor w/ Half Ground Ring	D		Full Detection and Diagnosis (FDD)	2
	Multi-Speed Overhead Motor w/ Half Ground Ring	E		Full Detection and Diagnosis (FDD)	3
16	Hinged Service Access / Filters			w/ Demand Control Ventilation	C
	Standard Panels/Standard Filters	0	27	Unit Hardware Enhancements	
	Hinged Access/Standard Filters	A		No Enhancements	0
	Standard Panels/MCH/8 Filters	B		Standard Steel Drain Pan	1
	Hinged Access/MCH/8 Filters	C	28	Short Circuit Current Rating (SCCR)	
	Standard Panels/MCH/13 Filters	D		Standard SCCR	0
	Hinged Access/MCH/13 Filters	E		85 kA SCCR	A
17	Condenser Coil Protection		31	Advanced Unit Controls	
	Standard Coil	0		Standard Unit Controls	0
	Standard Coil With Heat Guard	1		Human Interface	1
	CompleteCoat™ Condenser Coil With Heat Guard	2			
	CompleteCoat™ Condenser Coil With Heat Guard	3			
18	Through The Base Provisions				
	No Through The Base Provisions(O)	0			
	Through The Base Electric(O)	A			
	Through The Base Gas(O)	B			

Note: Most ReliaTel Installed Options available for Downflow Air Discharge units only. Please verify with ordering system for availability.

⓪ Applicable to Digit 1 Y models only.
⓪ Applicable to Digit 1 F models only.
⓪ Applicable to Digit 1 Y or F models.

⓪ Novus is not available with 52 VAC products.
⓪ Demand Control Ventilation Option includes wiring only. The DCV sensor is a field-installed only option.

For additional Controls Information:
See ReliaTel™ and Micro Control features on PC-12 and PC-13.

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HEATING & AIR CONDITIONING

**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
ASYSTAT106A	Single Setpoint Manual Changeover	YC*150-301
ASYSTAT108A	Dual Setpoint Manual or Automatic Changeover	YC*150-301
ASYSTAT111A	Remote Room Sensor	ASYSTAT777A
ASYSTAT777A	Programmable Night Setback	YC*150-301
ASYSTAT710A	Wall Mounted Humidity Sensor	YFD151, 181, 241 (with Reheat)
ASYSTAT711A	Duct Mounted Humidity Sensor	YFD151, 181, 241 (with Reheat)
BAYSENS024A(0)	Tide 24 Zone Sensor	AI
BAYMTPL110A	Retrofit Wall Cover Plate Kit 7.25" x 5.0"	ASYSTAT777A

(0) Must be used with ReliaTel™ Controls and BCT Communications Interface

Read Only

Packaged Cooling with ReliaTel™ Controls 12½-25 Tons Accessories

Table LPC-17-A — Field Installed Accessories

For complete list of All Factory Installed Options refer to FIOPS section of this book.

Model Number	Description	Used With
BAYBCIR001A	BACnet™ Communication Interface	All Voyagers
BAYABRD00200	ReliaTel™ Options Module	All Voyagers
BAYCQ2K002B(3)	CO ₂ Sensor Wall Mounted	All Voyagers w/Economizers
BAYCQ2K004B(3)	CO ₂ Sensor Duct Mounted	All Voyagers w/Economizers
BAYCURS025B(00)	Downflow Roof Curb (Can not be adapted for horizontal use)	TSD 150F
BAYCURS027B(00)	Downflow Roof Curb (Can not be adapted for horizontal use)	THD 150F-300F, TSD 180F-300F
BAYDFFB005A(00)	Clogged Filter Switch (MERV 7)	All Voyagers
BAYDFFB006A(00)	Fan Failure Switch	All Voyagers
BAYDFFS013A	Clogged Filter Switch (MERV 13)	All Voyagers
BAYDMPR029C	0-25% Manual Outside Air Damper	All Voyagers
BAYDMPR057A	0-50% Motorized Outside Air Damper	TSD 150F
BAYDMPR056A	0-50% Motorized Outside Air Damper	TSD 151F-300F, TSD 180F-300F
BAYECON089A(0)	Downflow Economizer with Barometric Relief	TSD 150F
BAYECON090A(0)	Downflow Economizer with Barometric Relief	TSD 151F-300F, TSD 180F-300F
BAYECON091A	Horizontal Economizer	TSH 150F
BAYECON092A	Horizontal Economizer	TSH 151F-300F, TSH 180F-300F
BAYECON700A	Downflow Low Leak Economizer	TSD 150F
BAYECON701A	Downflow Low Leak Economizer	TSD 180F-300F, THD 150F, THD 180-300F
BAYENTH007A(00)	Reference Enthalpy Kit	All BAYECON089-092A
BAYENTH008A(00)	Comparative Enthalpy Kit	All BAYECON089-092A
BAYFRST003A	High Temperature Stat	All Voyagers
BAYGARD144A(0)	Tool-less Hall Guard	TS*150F
BAYGARD145A(0)	Tool-less Hall Guard	TH*150F, TS*210F, TS*240F, TS*300F
BAYGARD150A	Tool-less Hall Guard	TH*180F, TH*210F, TH*240F, TH*300F
BAYHSR0008(0)	High Static Drive	TS*150F, TH*150F, TH*180F
BAYHSR010A(0)	High Static Drive	TH*210F, TH*240F, TS*300F
BAYHSR011A(0)	High Static Drive	TS*210F, TS*240F, TH*300F
BAYHSR016A	High Static Drive	TS*180F

(0) Kit contains all necessary parts to achieve required level of enthalpy control.

(0) Reference Enthalpy senses outside temperature/humidity and modulates return air temperature/humidity.

(0) Comparative Enthalpy senses outside temperature/humidity and modulates return air temperature/humidity.

(0) High static drive and oversized motors are mutually exclusive, the first Complies.

(0) Clarkville manufacturing has a no return policy for this mod code.

(0) For downflow use only. Can not be adapted for horizontal units.

(0) BAYABRD00200 is required when ordering field installed BAYDFFS005A or 006A, BAYDFFS006A or 008A and BAYLOAM003A or BAYVND00020.

(0) Field or factory installed option.

(0) Field installed accessory. Requires an economizer.

Packaged Cooling with ReliaTel™ Controls 12½-25 Tons Accessories

Table LPC-18-A — Field Installed Accessories

For complete list of all factory installed options refer to FLOPS section of this book.

Model Number	Description	Used With
BAYHSM0309B(00)	5HP Oversized Motor Kit (208-230/460V)	TS*150F
BAYHSM0408(00)	5HP Oversized Motor Kit (575V)	TS*150F
BAYHSM0558B(00)	5HP Oversized Motor Kit (208-230/460V)	TS*180F
BAYHSM042A(00)	7-1/2HP Oversized Motor Kit (575V)	TS*210F, TH*210F, TS*240F, TH*240F
BAYHSM072A(00)	7-1/2HP Oversized Motor Kit (575V)	TS*180F, TH*180F
BAYHSM098A(00)	7-1/2HP Oversized Motor Kit (208-230V)	TH*210F, TH*240F
BAYHSM099A(00)	7-1/2HP Oversized Motor Kit (460V)	TH*210F, TH*240F
BAYLOAM023A(0)	Evaporator Defrost Control Froststat	TS*150F, TH*150F, TS*180F, TH*180F, TS*240F, TS*300F
BAYLOAM031A	Evaporator Defrost Control Froststat	TH*180F, TH*210F, TH*240F, TH*300F
BAYLSR004A(0)	Low Static Drive	TS*150F, TS*180F, TS*210F, TH*210F, TH*240F, TS*240F
BAYLSR002A(0)	Low Static Drive	TH*150F, TH*180F, TH*300F
BAYPWR029A	Power Exhaust for all Voyagers 12½-25 Ton 230V units	BAYECON089-090A, TCD150-301
BAYPWR030A	Power Exhaust for all Voyagers 12½-25 Ton 460V units	BAYECON089-090A, TCD150-301
BAYPWR031A	Power Exhaust for all Voyagers 12½-25 Ton 575V units	BAYECON089-090A, TCD150-301
BAYSERV001A	Selective Resistance Service Tester	ATC*150F-TC*301F
BAYSTAT023R	Remote Potentiometer	All Economizers and 0-50% Motorized Air Dampers
BAYTUBE008A(0)(0)	Discharge Air Sensing Kit	All TCD150F-TCD301F
BAYTUBE009A(0)(0)	Discharge Air Sensing Kit	All TCH150F-TCH301F
BAYQACB044A	Adapter Curb	BAYCURB026A/B to BAYCURB027A/B
BAYVNR002B(0)	Ventilation Override Kit	TC*150-301 w/ReliaTel™ Options Module

(0) High static drive and oversized motors are mutually exclusive. Do Not Combine.

(0) Low static drive and oversized motors are mutually exclusive. Do Not Combine.

(0) Cannot be used with Integrated Comfort™ Systems.

(0) Used for free discharge air sensing in both heating and cooling modes.

(0) BAYLSR002B is required when ordering field installed BAYTUP005A or 005A, BAYTUBE008A or 008A and BAYLOAM031A or BAYVNR002B.

(0) Field or factory installed option.

Packaged Cooling with ReliaTel™ Controls 12½-25 Tons Heaters

Table LPC-19-A — Downflow Supplementary Heaters:

Model Number	Power Supply	kW Heating	Nominal BTUH	No. Stages	Used With
AYDHTRK318A	208-230/3/60	13.5/18.0	46,100/61,400	1	TSQ150F-180F, THQ150F-180F
AYDHTRK336A	208-230/3/60	27.0/36.0	92,200/122,900	2	TSQ150F-180F, THQ150F-180F
AYDHTRK354A	208-230/3/60	40.5/54.0	138,200/184,300	2	TSQ150F-180F, THQ150F-180F
AYDHTRL418A	460/3/60	18.0	61,400	1	TSQ150F-180F, THQ150F-180F
AYDHTRL427A	460/3/60	27.0	92,100	2	THQ180F
AYDHTRL436A	460/3/60	36.0	122,900	2	TSQ150F-180F, THQ150F-180F
AYDHTRL454A	460/3/60	54.0	184,300	2	TSQ150F-180F, THQ150F-180F
AYDHTRL336A	208-230/3/60	27.0/36.0	92,200/122,900	2	TSQ210F-300F, THQ210-300F
AYDHTRL354A	208-230/3/60	40.5/54.0	138,200/184,300	2	TSQ210F-300F, THQ210-300F
AYDHTRK372A	208-230/3/60	54.0/72.0	184,300/245,700	2	TSQ210F-300F, THQ210-300F
AYDHTRL427A	460/3/60	27.0	92,100	2	THQ210F, THQ240-300F
AYDHTRL436A	460/3/60	36.0	122,900	2	TSQ210F-300F, THQ210-300F
AYDHTRL454A	460/3/60	54.0	184,300	2	TSQ210F-300F, THQ210-300F
AYDHTRL472A	460/3/60	72.0	245,700	2	TSQ210F-300F, THQ210-300F

Table LPC-19-B — Horizontal Supplementary Heaters:

Model Number	Power Supply	kW Heating	Nominal BTUH	No. Stages	Used With
AYHHTRN318A	208-230/3/60	13.5/18.0	46,000/61,400	1	TSH150F, TSH180F
AYHHTRP336A	208-230/3/60	27.0/36.0	92,200/122,900	2	TSH150F, TSH180F
AYHHTRP354A	208-230/3/60	40.5/54.0	138,200/184,300	2	TSH150F, TSH180F
AYHHTRN418A	460/3/60	18.0	61,400	1	TSH150F, TSH180F
AYHHTRP436A	460/3/60	36.0	122,900	2	TSH150F, TSH180F
AYHHTRP454A	460/3/60	54.0	184,300	2	TSH150F, TSH180F
AYHHTRN336A	208-230/3/60	27.0/36.0	92,200/122,900	2	TSH210-300F, THH210-300F
AYHHTRN354A	208-230/3/60	40.5/54.0	138,200/184,300	2	TSH210-300F, THH210-300F
AYHHTRN372A	208-230/3/60	54.0/72.0	184,300/245,700	2	TSH210-300F, THH210-300F
AYHHTRN436A	460/3/60	36.0	122,900	2	TSH210-300F, THH210-300F
AYHHTRN454A	460/3/60	54.0	184,300	2	TSH210-300F, THH210-300F
AYHHTRN472A	460/3/60	72.0	245,700	2	TSH210-300F, THH210-300F
AYHHTRM318A	208-230/3/60	13.5/18.0	46,100/61,400	1	THH150F, THH180F
AYHHTRM336A	208-230/3/60	27.0/36.0	92,200/122,900	2	THH150F, THH180F
AYHHTRM354A	208-230/3/60	40.5/54.0	138,200/184,300	2	THH150F, THH180F
AYHHTRM418A	460/3/60	18.0	61,400	1	THH150F, THH180F
AYHHTRM436A	460/3/60	36.0	122,900	2	THH150F, THH180F
AYHHTRM454A	460/3/60	54.0	184,300	2	THH150F, THH180F

Notes: (1) (2) with heater to single circuit/ampage point.

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HEATING & AIR CONDITIONING

**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
AYDHTRLW54A	575/3/60	54.0	184,300	2	TSQ210-300F, THQ210-300F
AYDHTRKW18A	575/3/60	18.0	61,400	1	TSQ150-180F, THQ150-180F
AYDHTRKW54A	575/3/60	54.0	184,300	2	TSQ150-180F, THQ150-180F
AYDHTRKW72A	575/3/60	72.0	240,700	2	TSQ210-300F, THQ210-300F
AYDHTRMW36A	575/3/60	36.0	122,900	2	TSQ150-300F, THQ150-300F

Table LPC-20-B — Horizontal Supplementary Heaters:

Model Number	Power Supply	kW Rating	Nominal BTUH	No. Stages	Used With
AYHHTRMW18A	575/3/60	18.0	61,400	1	THH150F, THH180F
AYHHTRMW36A	575/3/60	36.0	122,900	2	THH210F-300F, TSH150F-300F
AYHHTRMW54A	575/3/60	54.0	184,300	2	THH150F, THH180F
AYHHTRNW18A	575/3/60	18.0	61,400	1	TSH150F, TSH180F
AYHHTRNW54A	575/3/60	54.0	184,300	2	TSH210F-300F, THH210F-300F
AYHHTRNW72A	575/3/60	72.0	240,700	2	TSH210F-300F, THH210F-300F
AYHHTRPW36A	575/3/60	36.0	122,900	2	TSH150F, TSH180F
AYHHTRPW54A	575/3/60	54.0	184,300	2	TSH150F, TSH180F

Notes: Unit with heater is single circuit/single point.

For additional Controls Information:
See ReliaTel™ and Micro Control features on LPC-12 and LPC-13.

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



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 drain pan
- Separate high and low voltage areas in control box
- 5-year limited compressor and heat exchanger warranty

Table LPC-21-A — Foundation™ - R-410A - Electromechanical Controls

Tons	Unit Model No.	Power Supply Volts/Phase/Hz	Performance SEER	Cooling Capacity (Btu/h)	Dimensions (in.) H x W x L	Shipping Weight (lbs.)	MCA**	Max Fuse Size or Max Circuit Breaker**	Downflow Roof curb ⁽¹⁾
OBC - Three Phase No Heat									
3	EBC036A3E0A0000	208-230/3/60	14.0	36,000	42 1/2" x 48" x 76 1/2"	523	19.5	25	BAYCURB320A
4	EBC048A3E0A0000	208-230/3/60	14.0	48,000	42 1/2" x 48" x 76 1/2"	566	23.6	35	BAYCURB320A
5	EBC060A3E0A0000	208-230/3/60	14.0	57,500	42 1/2" x 48" x 76 1/2"	586	26.4	40	BAYCURB320A
3	EBC036A4E0A0000	460/3/60	14.0	36,000	42 1/2" x 48" x 76 1/2"	523	10.5	15	BAYCURB320A
4	EBC048A4E0A0000	460/3/60	14.0	48,000	42 1/2" x 48" x 76 1/2"	566	11	15	BAYCURB320A
5	EBC060A4E0A0000	460/3/60	14.0	57,500	42 1/2" x 48" x 76 1/2"	586	12.9	20	BAYCURB320A
3	EBC036AWE0A0000	575/3/60	14.0	36,000	42 1/2" x 48" x 76 1/2"	523	6.8	15	BAYCURB320A
4	EBC048AWE0A0000	575/3/60	14.0	48,000	42 1/2" x 48" x 76 1/2"	566	8.1	15	BAYCURB320A
5	EBC060AWE0A0000	575/3/60	14.0	57,500	42 1/2" x 48" x 76 1/2"	586	8.2	15	BAYCURB320A

(1) For Downflow units only.

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

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HEATING & AIR CONDITIONING

**Foundation™ Packaged Cooling
3-5 Ton Accessories****Table LPC-22-A — Foundation™ — Field Installed Accessories**

Model Number	Description	Used With
BAYCURB320A	Roof curb	AI
BAYGARD320A	Tool-less Half Guard	AI
BAYTBUE320A	Through the brace - Elec.	AI
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	AI
BAYCO2K301A	Duct Mounted CO2 Sensor	AI
BAYCOSW320A	Condensate Overflow	AI
BAYCCHT010B	CCH - 208-230V (40 W) 6.5"	E/GBC/D48 & D60(A)3
BAYCCHT011B	CCH - 460V/572V (40W) 6.5"	E/GBC/D48 & D60(A)(4 & W)
BAYCCHT103A	CCH - 208-230V (40 W) 5.5"	E/GBC/D36A3
BAYCCHT403A	CCH - 460V/572V (40W) 5.5"	E/GBC/D36A(4 & W)
BAYLOAM330A	Froststat	AI
BAYLOAM340A	Low Ambient Kit	AI
BAYSCCT001	Compressor Short Cycle Timer	AI
BAYHSM320A	2 HP Oversize motor kit (208-230/460V)	AI
BAYHSM321A	2 HP Oversize motor kit (380V)	AI
BAYHSM322A	2 HP Oversize motor kit (575V)	AI
BAYDMPR321A	Damper, Manual 3-5T	AI
BAYDMPR320A	Damper, Motorized 3-5T	AI
BAYBARO320A	Barometric Relief Damper, 3-5T	AI
BAYECON320A	Economizer, Dry Bulb, Downflow 3-5T	AI
BAYENTH320A	Reference Enthalpy Economizer, 3-5T	AI
BAYENTH321A	Comparative Enthalpy Economizer, 3-5T	AI
BAYECON353A(0)	Low Leak Economizer, Dry Bulb, Downflow W/FDD, 3-5T	AI
BAYECON354A(0)	Low Leak Economizer, Dry Bulb, Horizontal W/FDD, 3-5T	AI
BAYENTH322A(0)	Reference Enthalpy, LLE W/FDD, 3-5T	AI
BAYENTH323A(0)	Comparative Enthalpy, LLE W/FDD, 3-5T	AI
BAYBARO321A(0)	Barometric Relief Damper, LLE W/FDD, 3-5T	AI
BAYPWRK320A(0)	Power Exhaust, 3-5T DF, 230V	AI
BAYPWRK321A(0)	Power Exhaust, 3-5T DF, 460V	AI
BAYPWRK322A(0)	Power Exhaust, 3-5T DF, 575V	AI

(0) Please check availability

(0) FDD = Fault Detection & Diagnostic

Foundation™ Packaged Cooling 3-5 Ton Heaters

Table LPC-23-A — Foundation™ - R-410A - Field Installed Accessories

Model No	Power Supply	kW Rating	Nominal BTU/h	No. Stages	Used With
BAYHTFA305A	208-230/3/50	3.5 / 4.7	12,800 / 17,100	1	EBCTA3"
BAYHTFA307A	208-230/3/50	5.5 / 7.5	19,200 / 25,600	1	EBCTA3"
BAYHTFA310A	208-230/3/50	7.5 / 10	25,700 / 34,200	1	EBCTA3"
BAYHTFA315A	208-230/3/50	10.8 / 14.4	36,400 / 51,200	1	EBCTA3"
BAYHTFA320A	208-230/3/50	16 / 20	51,300 / 68,300	2	EBCT048A3", EBC060A3"
BAYHTFA325A	208-230/3/50	18.8 / 25	64,100 / 85,400	2	EBCT060A3"
BAYHTFA405A	460/3/60	5	17,100	1	EBCTA4"
BAYHTFA407A	460/3/60	7.5	25,600	1	EBCTA4"
BAYHTFA410A	460/3/60	10	34,200	1	EBCTA4"
BAYHTFA415A	460/3/60	15	51,200	1	EBCTA4"
BAYHTFA420A	460/3/60	20	68,300	2	EBCT048A4", EBC060A4"
BAYHTFA425A	460/3/60	25	85,400	2	EBCT060A4"
BAYHTFAW10A	575/3/60	10	34,200	1	EBCTAW"
BAYHTFAW15A	575/3/60	15	51,200	1	EBCTAW"
BAYHTFAW20A	575/3/60	20	68,300	2	EBCT048AW", EBC060AW"
BAYHTFAW25A	575/3/60	25	85,400	2	EBCT060AW"

BUILT TO A HIGHER STANDARD

American Standard.
HEATING & AIR CONDITIONING

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
- 6-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 (SEER)	Cooling Capacity (Btu/h)	Dimensions (in.) H x W x L	Shipping Weight (lbs.)	MCA	Max Fuse Size or Max Circuit Breaker (1)	Downflow Roof curb
15	EBE180A3E0A0000	208-230/3/60	11.5	183,000	58 1/2" x 86 1/2" x 123 1/2"	2,020	79	100	BAYCUB0207B
17 1/2	EBE210A3E0A0000	208-230/3/60	11.5	212,000	58 1/2" x 86 1/2" x 123 1/2"	2,074	91	110	BAYCUB0207B
20	EBE240A3E0A0000	208-230/3/60	10.8	252,000	58 1/2" x 86 1/2" x 123 1/2"	2,163	117	150	BAYCUB0207B
25	EBE300A3E0A0000	208-230/3/60	10.2	290,000	58 1/2" x 86 1/2" x 123 1/2"	2,208	124	150	BAYCUB0207B
15	EBE180A4E0A0000	460/3/60	11.5	183,000	58 1/2" x 86 1/2" x 123 1/2"	2,020	37	45	BAYCUB0207B
17 1/2	EBE210A4E0A0000	460/3/60	11.5	212,000	58 1/2" x 86 1/2" x 123 1/2"	2,074	42	50	BAYCUB0207B
20	EBE240A4E0A0000	460/3/60	10.8	252,000	58 1/2" x 86 1/2" x 123 1/2"	2,163	53	70	BAYCUB0207B
25	EBE300A4E0A0000	460/3/60	10.2	290,000	58 1/2" x 86 1/2" x 123 1/2"	2,208	56	70	BAYCUB0207B
15	EBE180AWE0A0000	575/3/60	11.5	183,000	58 1/2" x 86 1/2" x 123 1/2"	2,020	31	40	BAYCUB0207B
17 1/2	EBE210AWE0A0000	575/3/60	11.5	212,000	58 1/2" x 86 1/2" x 123 1/2"	2,074	34	40	BAYCUB0207B
20	EBE240AWE0A0000	575/3/60	10.8	252,000	58 1/2" x 86 1/2" x 123 1/2"	2,163	42	50	BAYCUB0207B
25	EBE300AWE0A0000	575/3/60	10.2	290,000	58 1/2" x 86 1/2" x 123 1/2"	2,208	47	60	BAYCUB0207B

Table PC-24-B — Foundation™ — R-410A — Electromechanical Controls - 2-Speed Fan

Tons	Unit Model No.	Power Supply Volts/Phase/Hz	Performance (SEER)	Cooling Capacity (Btu/h)	Dimensions (in.) H x W x L	Shipping Weight (lbs.)	MCA	Max Fuse Size or Max Circuit Breaker (1)	Downflow Roof curb
EBC* - Three Phase No Heat									
15	EBC180A3E0A1DQY	208-230/3/60	12.8	183,000	58 1/2" x 86 1/2" x 123 1/2"	2,020	79	100	BAYCUB0207B
17 1/2	EBC210A3E0A1DQY	208-230/3/60	12.8	212,000	58 1/2" x 86 1/2" x 123 1/2"	2,074	91	110	BAYCUB0207B
20	EBC240A3E0A1DQY	208-230/3/60	11.9	252,000	58 1/2" x 86 1/2" x 123 1/2"	2,163	117	150	BAYCUB0207B
25	EBC300A3E0A1DQY	208-230/3/60	11.7	290,000	58 1/2" x 86 1/2" x 123 1/2"	2,208	124	150	BAYCUB0207B
15	EBC180A4E0A1DQY	460/3/60	12.8	183,000	58 1/2" x 86 1/2" x 123 1/2"	2,020	37	45	BAYCUB0207B
17 1/2	EBC210A4E0A1DQY	460/3/60	12.8	212,000	58 1/2" x 86 1/2" x 123 1/2"	2,074	42	50	BAYCUB0207B
20	EBC240A4E0A1DQY	460/3/60	11.9	252,000	58 1/2" x 86 1/2" x 123 1/2"	2,163	53	70	BAYCUB0207B
25	EBC300A4E0A1DQY	460/3/60	11.7	290,000	58 1/2" x 86 1/2" x 123 1/2"	2,208	56	70	BAYCUB0207B
15	EBC180AWE0A1DQY	575/3/60	12.8	183,000	58 1/2" x 86 1/2" x 123 1/2"	2,020	31	40	BAYCUB0207B
17 1/2	EBC210AWE0A1DQY	575/3/60	12.8	212,000	58 1/2" x 86 1/2" x 123 1/2"	2,074	34	40	BAYCUB0207B
20	EBC240AWE0A1DQY	575/3/60	11.9	252,000	58 1/2" x 86 1/2" x 123 1/2"	2,163	42	50	BAYCUB0207B
25	EBC300AWE0A1DQY	575/3/60	11.7	290,000	58 1/2" x 86 1/2" x 123 1/2"	2,208	47	60	BAYCUB0207B

(1) HACR Circuit Breaker Type Per NEC.

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

Foundation™ Packaged Cooling 15-25 Tons Accessories

Table LPC-25-A — Foundation™ - R-410A - Field Installed Accessories

Model Number	Description	Used With
BAYTBC300A	Through the Base Electrical Connections	All Foundation 15-25 Ton Units
BAYDSCF300A	Unit Mounted Disconnect, 100 Amp Not for use when electric heat installed	EAC180A* - EAC300A*, EAC180AW* - EAC300AW*
BAYDSCF301A	Unit Mounted Disconnect, 150 Amp Not for use when electric heat installed	EAC180A3* - EAC300A3*
BAYDSCF302A	Unit Mounted Disconnect, 100 Amp	BAYHTFA318A, BAYHTFA418A, BAYHTFW18A, BAYHTFA36A, BAYHTFA454A, BAYHTFW36A, BAYHTFW54A, BAYHTFW54A, BAYHTFW72A, BAYHTFW72A
BAYDSCF303A	Unit Mounted Disconnect, 150 Amp	BAYHTFA472A, BAYHTFA372A, BAYHTFA36A, BAYHTFB36A, BAYHTFB454A
BAYDSCF304A	Unit Mounted Disconnect, 250 Amp	BAYHTFA372A, BAYHTFB372A, BAYHTFA354A, BAYHTFW36A
BAYDMFR301A	Damper, Manual	EAC180A* - EAC300A*
BAYDMFR300A	Damper, Motorized	EAC180A* - EAC300A*
BAYECON300A	Economizer, Dry Bulb, Downflow	EAC180A* - EAC300A*
BAYECON301A	Economizer, Dry Bulb, Horizontal	EAC180A* - EAC300A*
BAYECON350AW	Low Leak Economizer w/FDD, Dry Bulb, Downflow	EAC180A* - EAC300A*
BAYECON351A	Low Leak Economizer w/FDD, Dry Bulb, Horizontal	EAC180A* - EAC300A*
BAYHZCN300A	Horizontal Economizer Conversion Kit	EAC180A* - EAC300A*
BAYBARC300A	Barometric Relief Damper, 15-21T	EAC180A* - EAC300A*
BAYENTH300A	Reference Enthalpy Economizer Kit	EAC180A* - EAC300A*
BAYENTH301A	Comparative Enthalpy Economizer Kit	EAC180A* - EAC300A*
BAYENTH302A(9)	Reference Enthalpy Economizer Kit	EAC180A* - EAC300A* w/Low Leak Economizer & FDD
BAYENTH303A(9)	Comparative Enthalpy Economizer Kit	EAC180A* - EAC300A* w/Low Leak Economizer & FDD
BAYCURB027B	Roof Curb	EAC180A* - EAC300A*
BAYHZRT301A	Horizontal Duct Conversion Kit	EAC180A* - EAC300A*
BAYCARR001A	Carrier Replacement Conversion Kit	EAC180A* - EAC300A*
BAYGARD300A	Condenser Rail Guard	EAC180A* - EAC300A*
BAYOCHT300A	Crankcase Heater, 70W, 230V	EAC180A3* - EAC300A3*
BAYOCHT301A	Crankcase Heater, 70W, 460V	EAC180A4* - EAC300A4*
BAYOCHT302A	Crankcase Heater, 70W, 575V	EAC180AW* - EAC300AW*
BAYASCT001	Compressor Short Cycle Timer	EAC180A* - EAC300A*
BAYLQAM300A	Low Ambient Control	EAC180A* - EAC300A*
BAYLQAM310A	Evaporator Defrost Control	EAC180A* - EAC300A*
BAYPWRX300A(9)	Power Exhaust, 15-25T, DF, 230V	EAC180A3* - EAC300A3*
BAYPWRX301A(9)	Power Exhaust, 15-25T, DF, 460V	EAC180A4* - EAC300A4*
BAYPWRX302A(9)	Power Exhaust, 15-25T, DF, 575V	EAC180AW* - EAC300AW*
BAYHSM1300A	High Static Motor & Drv, 5HP 230/460V	EAC180A3, EAC180A4, EAC180AW
BAYHSM1301A	High Static Motor & Drv, 5HP 575V	EAC180AW
BAYHSM1302A	High Static Motor & Drv, 7.5HP 230/460V	EAC180A3, EAC180A4, EAC180AW
BAYHSM1303A	High Static Motor & Drv, 7.5HP 460V	EAC180A4, EAC180AW
BAYHSM1304A	High Static Motor & Drv, 7.5HP 575V	EAC180AW, EAC180AW
BAYSHGR002A(9)	Shaft Grounding Ring, 0.875" Shaft	Used With 5HP VFD Motors
BAYSHGR002A(9)	Shaft Grounding Ring, 1.125" Shaft	Used With 7.5HP VFD Motors
BAYLSOR300A	Low Static Drive Option	EAC180A* - EAC300A*
BAYHSOR300A	High Static Drive Option	EAC180A* - EAC300A*
BAYCO2K300A	Wall Mounted CO2 Sensor	EAC180A* - EAC300A* with economizer
BAYCO2K301A	Duct Mounted CO2 Sensor	EAC180A* - EAC300A* with economizer
BAYPALT001A	Reusable Pallet for Condenser End Unit Lifting	All Foundation 15-25 Ton Units
BAYCOSW300A	Drain Pan Overflow Switch	EAC180A* - EAC300A*
BAYSTAT300A	BACNet Enabled Thermostat	EAC180A* - EAC300A*

(9) Please check availability

(9) See HVAC Knowledge Center for a list of compatible Carrier units.

(9) FDD = Fault Detection & Diagnostics

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

Foundation™ Packaged Cooling 15-25 Tons Heaters

Table LPC-26-A — Foundation® - R-410A - Field Installed Accessories

Model Number	Power Supply	kW Rating	Nominal S I U H	No. Stages	Used With
BAYHTFA318A	208-230/3/60	13.5/18	46,100/64,400	1	EAC180A3*
BAYHTFA336A	208-230/3/60	27/36	92,200/122,900	2	EAC180A3* EAC210A3*
BAYHTFB336A	208-230/3/60	27/36	92,200/122,900	2	EAC240A3* EAC360A3*
BAYHTFA354A	208-230/3/60	40.5/54	138,300/184,300	2	EAC180A3* EAC210A3*
BAYHTFB354A	208-230/3/60	40.5/54	138,300/184,300	2	EAC240A3* EAC360A3*
BAYHTFA372A	208-230/3/60	54/72	184,300/245,700	2	EAC210A3*
BAYHTFB372A	208-230/3/60	54/72	184,300/245,700	2	EAC240A3* EAC360A3*
BAYHTFA418A	460/3/60	18	64,000	1	EAC180A4*
BAYHTFA436A	460/3/60	36	122,900	2	EAC180A4* EAC210A4*
BAYHTFB436A	460/3/60	36	122,900	2	EAC240A4* EAC400A4*
BAYHTFA454A	460/3/60	54	184,300	2	EAC180A4* EAC210A4*
BAYHTFB454A	460/3/60	54	184,300	2	EAC240A4* EAC400A4*
BAYHTFA472A	460/3/60	72	245,700	2	EAC210A4*
BAYHTFB472A	460/3/60	72	245,700	2	EAC240A4* EAC400A4*
BAYHTFAW18A	575/3/60	18	64,000	1	EAC180AW*
BAYHTFAW36A	575/3/60	36	122,900	2	EAC180AW* EAC210AW*
BAYHTFBW36A	575/3/60	36	122,900	2	EAC240AW* EAC400AW*
BAYHTFAW54A	575/3/60	54	184,300	2	EAC180AW* EAC210AW*
BAYHTFBW54A	575/3/60	54	184,300	2	EAC240AW* EAC400AW*
BAYHTFAW72A	575/3/60	72	245,700	2	EAC210AW*
BAYHTFBW72A	575/3/60	72	245,700	2	EAC240AW* EAC400AW*

Information subject to change. Please confirm with current Product Data for correct factory production.



Beveled Top
Smoother Design
Small compact cabinet
Recessed access handles

Packaged Heat Pump Convertible 3-10 Tons

Standard Features:

- American Standard Heating & Air Conditioning scroll 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
- Froststat
- 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

The same American Standard Heating & Air Conditioning Quality and Reliability ... with added Flexibility!

Packaged Heat Pump Convertible 3-5 Tons

Table LPH-2-A — High Efficiency Unit — ReliaTel™ Microprocessor Controls

Unit Ordering No.	Performance ⁽¹⁾ SEER/HSPF	Cooling Capacity (Btu/h)	Cabinet Dimensions (in.) H x D x W	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA*	Max ⁽²⁾ Feet ³
WHC - 208-230/360 - Three Phase - No Electric Heat								
3 WHC036H3RCA0000	13.8 / 8.3	40,500	41 x 44 x 69	16 x 15.5	24 x 14	619	27.0	40
4 WHC048H3RCA0000	16.5 / 8.8	48,750	41 x 53 x 88	33 x 17.5	32 x 17.5	768	29.0	40
5 WHC060H3RCA0000	16.4 / 9.0	61,000	41 x 53 x 88	33 x 17.5	32 x 17.5	773	32.0	45
WHC - 480/360 - Three Phase - No Electric Heat								
3 WHC036H3RCA0000	15.7 / 8.3	40,500	41 x 44 x 69	16 x 15.5	24 x 14	619	13.0	15
4 WHC048H3RCA0000	16.5 / 8.8	48,750	41 x 53 x 88	33 x 17.5	32 x 17.5	768	14.0	15
5 WHC060H3RCA0000	16.2 / 9.0	61,000	41 x 53 x 88	33 x 17.5	32 x 17.5	773	15.0	20
WHC - 675/360 - Three Phase - No Electric Heat								
3 WHC036HWRCA0000	15.7 / 8.3	40,500	41 x 44 x 69	16 x 15.5	24 x 14	619	11.0	15
4 WHC048HWRCA0000	16.5 / 8.8	48,750	41 x 53 x 88	33 x 17.5	32 x 17.5	768	10.0	15
5 WHC060HWRCA0000	16.2 / 9.0	61,000	41 x 53 x 88	33 x 17.5	32 x 17.5	773	12.0	15

Table LPH-2-B — High Efficiency Dual Fuel Unit — ReliaTel™ Microprocessor Controls

Unit Ordering No.	Performance ⁽¹⁾ SEER/HSPF	Cooling Capacity (Btu/h)	Gas Heating Output Capacity (Btu/h) (2nd / 1st stage)	S.E. Efficiency EPA	Cabinet Dimensions (in.) H x D x W	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA*	Max ⁽²⁾ Feet ³
DHC - 208-230/360 - Three Phase - Low Heat										
3 DHC036H3RLA0000	15.7 / 8.3	40,500	48,600 / 34,200	81%	41 x 44 x 69	16 x 15.5	24 x 14	658	27.0	40
4 DHC048H3RLA0000	16.5 / 8.8	48,750	48,600 / 34,200	81%	41 x 53 x 88	33 x 17.5	32 x 17.5	845	29.0	40
5 DHC060H3RLA0000	16.2 / 8.9	61,000	48,600 / 34,200	81%	41 x 53 x 88	33 x 17.5	32 x 17.5	849	32.0	45
DHC - 480/360 - Three Phase - Low Heat										
3 DHC036H3RLA0000	15.6 / 8.3	40,500	48,600 / 34,200	81%	41 x 44 x 69	16 x 15.5	24 x 14	658	13.0	15
4 DHC048H3RLA0000	16.5 / 8.8	48,750	48,600 / 34,200	81%	41 x 53 x 88	33 x 17.5	32 x 17.5	845	14.0	15
5 DHC060H3RLA0000	16.0 / 8.9	61,000	48,600 / 34,200	81%	41 x 53 x 88	33 x 17.5	32 x 17.5	849	15.0	20
WHC - 675/360 - Three Phase - Low Heat										
3 DHC036HWRCA0000	15.6 / 8.3	40,500	48,600 / 34,200	81%	41 x 44 x 69	16 x 15.5	24 x 14	658	11.0	15
4 DHC048HWRCA0000	16.5 / 8.8	48,750	48,600 / 34,200	81%	41 x 53 x 88	33 x 17.5	32 x 17.5	845	10.0	15
5 DHC060HWRCA0000	16.0 / 8.9	61,000	48,600 / 34,200	81%	41 x 53 x 88	33 x 17.5	32 x 17.5	849	12.0	15
DHC - 208-230/360 - Three Phase - Medium Heat										
3 DHC036H3RMA0000	15.7 / 8.3	40,500	64,800 / 45,360	81%	41 x 44 x 69	16 x 15.5	24 x 14	658	27.0	40
4 DHC048H3RMA0000	16.5 / 8.8	48,750	64,800 / 45,360	81%	41 x 53 x 88	33 x 17.5	32 x 17.5	845	29.0	40
5 DHC060H3RMA0000	16.2 / 8.9	61,000	64,800 / 45,360	81%	41 x 53 x 88	33 x 17.5	32 x 17.5	849	32.0	45
DHC - 480/360 - Three Phase - Medium Heat										
3 DHC036H3RMA0000	15.6 / 8.3	40,500	64,800 / 45,360	81%	41 x 44 x 69	16 x 15.5	24 x 14	658	13.0	15
4 DHC048H3RMA0000	16.5 / 8.8	48,750	64,800 / 45,360	81%	41 x 53 x 88	33 x 17.5	32 x 17.5	845	14.0	15
5 DHC060H3RMA0000	16.0 / 8.9	61,000	64,800 / 45,360	81%	41 x 53 x 88	33 x 17.5	32 x 17.5	849	15.0	20
DHC - 675/360 - Three Phase - Medium Heat										
3 DHC036HWRMA0000	15.6 / 8.3	40,500	64,800 / 45,360	81%	41 x 44 x 69	16 x 15.5	24 x 14	658	11.0	15
4 DHC048HWRMA0000	16.5 / 8.8	48,750	64,800 / 45,360	81%	41 x 53 x 88	33 x 17.5	32 x 17.5	845	10.0	15
5 DHC060HWRMA0000	16.0 / 8.9	61,000	64,800 / 45,360	81%	41 x 53 x 88	33 x 17.5	32 x 17.5	849	12.0	15
DHC - 208-230/360 - Three Phase - High Heat										
3 DHC036H3RHA0000	15.7 / 8.3	40,500	81,000 / 56,700	81%	41 x 44 x 69	16 x 15.5	24 x 14	688	27.0	40
4 DHC048H3RHA0000	16.5 / 8.8	48,750	105,300 / 73,710	81%	41 x 53 x 88	33 x 17.5	32 x 17.5	845	29.0	40
5 DHC060H3RHA0000	16.2 / 8.9	61,000	121,500 / 85,050	81%	41 x 53 x 88	33 x 17.5	32 x 17.5	849	32.0	45
DHC - 480/360 - Three Phase - High Heat										
3 DHC036H3RHA0000	15.6 / 8.3	40,500	81,000 / 56,700	81%	41 x 44 x 69	16 x 15.5	24 x 14	688	13.0	15
4 DHC048H3RHA0000	16.5 / 8.8	48,750	105,300 / 73,710	81%	41 x 53 x 88	33 x 17.5	32 x 17.5	845	14.0	15
5 DHC060H3RHA0000	16.0 / 8.9	61,000	121,500 / 85,050	81%	41 x 53 x 88	33 x 17.5	32 x 17.5	849	15.0	20
DHC - 675/360 - Three Phase - High Heat										
3 DHC036HWRHA0000	15.6 / 8.3	40,500	81,000 / 56,700	81%	41 x 44 x 69	16 x 15.5	24 x 14	688	11.0	15
4 DHC048HWRHA0000	16.5 / 8.8	48,750	105,300 / 73,710	81%	41 x 53 x 88	33 x 17.5	32 x 17.5	845	10.0	15
5 DHC060HWRHA0000	16.0 / 8.9	61,000	121,500 / 85,050	81%	41 x 53 x 88	33 x 17.5	32 x 17.5	849	12.0	15

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

(1) HCAR Installer per NEC.

(2) SEER applies, 3-to-5 tons; EER applies 5-to-10 tons.

Packaged Heat Pump Convertible 3-10 Tons

Table LPH-3-A — Base Unit — Standard Efficiency — ReliaTel™ Microprocessor Controls

Tons	Unit Ordering No.	Performance ⁽¹⁾ SEER/EER	Cooling Capacity (Btu/h)	Cabinet Dimensions (In.) H x D x W	Downflow Supply	Downflow Return	Shipping Weight (Lbs.)	MCA*	Max.† Fuse*
WBC — 208-230V/3/60 — Three Phase — No Electric Heat									
3	WSC036H3R0A0000	14.0	39,000	41 x 44 x 69	16 x 15.5	24 x 14	612	30.0	40
4	WSC048H3R0A0000	14.0	50,000	41 x 44 x 69	16 x 15.5	24 x 14	645	30.0	40
5	WSC060H3R0A0000	14.0	61,000	41 x 53 x 88	33 x 17.5	32 x 17.5	777	34.0	50
6	WSC072E3R0A0000	12.6	78,000	47 x 53 x 88	33 x 17.5	32 x 17.5	835	36.3	60
7 1/2	WSC090E3R0A0000	12.5	94,000	47 x 53 x 88	33 x 17.5	32 x 17.5	902	39.4	60
10	WSC0120E3R0A0000	12.4	116,000	51 x 63 x 100	33 x 17.5	32 x 17.5	1388	51.9	60
WBC — 480V/3/60 — Three Phase High Efficiency									
3	WSC036H3R0A0000	14.0	39,000	41 x 44 x 69	16 x 15.5	24 x 14	612	14.0	20
4	WSC048H3R0A0000	14.0	50,000	41 x 44 x 69	16 x 15.5	24 x 14	645	14.0	15
5	WSC060H3R0A0000	14.0	61,000	41 x 53 x 88	33 x 17.5	32 x 17.5	777	16.0	20
6	WSC072E4R0A0000	12.6	78,000	47 x 53 x 88	33 x 17.5	32 x 17.5	835	20.3	30
7 1/2	WSC090E4R0A0000	12.5	94,000	47 x 53 x 88	33 x 17.5	32 x 17.5	902	19.0	30
10	WSC0120E4R0A0000	12.4	116,000	51 x 63 x 100	33 x 17.5	32 x 17.5	1388	26.1	35
WBC — 575V/3/60 — Three Phase — No Heat									
3	WSC036HWR0A0000	14.0	39,000	41 x 44 x 69	16 x 15.5	24 x 14	612	12.0	15
4	WSC048HWR0A0000	14.0	50,000	41 x 44 x 69	16 x 15.5	24 x 14	645	13.0	15
5	WSC060HWR0A0000	14.0	61,000	41 x 53 x 88	33 x 17.5	32 x 17.5	777	13.0	15
6	WSC072EWR0A0000	12.6	78,000	47 x 53 x 88	33 x 17.5	32 x 17.5	835	12.4	20
7 1/2	WSC090EWR0A0000	12.5	94,000	47 x 53 x 88	33 x 17.5	32 x 17.5	902	14.5	20
10	WSC0120EWR0A0000	12.4	116,000	51 x 63 x 100	33 x 17.5	32 x 17.5	1388	21.1	25

(1) SEER/EER applies per NEC.

(*) SEER applies, 3-5 tons; EER applies 6-10 tons.

Packaged Heat Pump Convertible 3-10 Tons (Model Digit Numbers)

Digit	Description	Order Number	Digit	Description	Order Number
1-8	Main Assembly (see previous page)		21	Communications Options	
9	Unit Controls			No Communications Interface	0
	ReliaTel™ Micro-processor	R		BACnet™ Communications Interface	6
10	(See Heater Table below)		22	Refrigeration System Option	
11	Minor Design Sequence			Standard Refrigeration System(s)	0
	First Sequence	A	23	Refrigeration Controls	
12-13	Service Sequence			No Refrigeration Control(s)	0
	First Sequence (Factory Assigned)	**		Freeze/Defrost	1
14	Fresh Air Selection			Crackcase Heater(s)	2
	No Fresh Air	0		Freeze and Crackcase Heater(s)	3
	Manual Outside Air Damper 0-50%/0	A	24	Smoke Detector	
	MotORIZED Outside Air Damper 0-50%/0	B		No Smoke Detector	0
	Economizer, Dry Bulb 0-100% without			Return Air Smoke Detector(s)	1
	Barometric Relief(s)	C		Supply Air Smoke Detector	2
	Economizer, Dry Bulb 0-100% with			Supply and Return Air Smoke Detectors(s)	3
	Barometric Relief(s)	D		Plenum Smoke Detector	4
	Economizer, Reference Enthalpy 0-100%		25	System Monitoring Controls	
	without Barometric Relief(s)	E		No Monitoring Control	0
	Economizer, Reference Enthalpy 0-100%			Clogged Filter Switch	1
	with Barometric Relief(s)	F		Fan Failure Switch	2
	Economizer, Comparative Enthalpy 0-100%			Discharge Air Sensing Tube	3
	without Barometric Relief(s)	G		Clogged Filter Switch and Fan Failure Switch	4
	Economizer, Comparative Enthalpy 0-100%			Clogged Filter Switch and Discharge Air	5
	with Barometric Relief(s)	H		Sensing Tube	6
	Low Leak Economizer, Dry Bulb			Fan Fail Switch and Discharge Air Sensing Tube	7
	with Barometric Relief	K		Clogged Filter and Fan Fail Switches and	
	Low Leak Economizer, Comparative Enthalpy			Discharge Air Sensing Tube	7
	with Barometric Relief	M		Condensate Drain Pan Overflow Switch	8
	Low Leak Economizer, Reference Enthalpy			Clogged Filter Switch and Condensate Drain	
	with Barometric Relief	P		Pan Overflow Switch	B
15	Supply Fan/Drive Type/Motor			Fan Failure Switch and Condensate Drain	C
	Standard Drive	0		Discharge Air Sensing and Condensate Drain	
	Overized Motor	1		Pan Overflow Switch	D
	Optional Belt Drive Motor	2		Clogged Filter Switch, Fan Failure Switch and	
	Single Zone Variable Air Volume (SZVAV)	5		Condensate Drain Pan Overflow Switch	E
	Multi-Speed Indoor Fan(s)	7		Clogged Filter Switch, Discharge Air Sensing Tube	
18	Hinged Service Access/Filter(s)			and Condensate Drain Pan Overflow Switch	F
	Standard Panels/Standard Filters	A		Fan Failure Switch, Discharge Air Sensing Tube	
	Hinged Access Panels/Standard Filters	B		and Condensate Drain Pan Overflow Switch	G
	Standard Panels/2" MERV 8 Filters	C		Clogged Filter Switch, Fan Failure Switch,	
	Hinged Access Panels/2" MERV 8 Filters	D		Discharge Air Sensing and Condensate	
	Standard Panels/2" MERV 13 Filters	D		Drain Pan Overflow Switch	H
	Hinged Access Panels/2" MERV 13 Filters	E	28	System Monitoring Controls	
17	Condenser Coil Protection			No Monitoring Controls	0
	Standard Coil	0		Demand Control Ventilation (DCV)	A
	Standard Coil with Hall Guard	1		Fault Detection and Diagnostics (FDD)	B
	Black Epoxy Pre-Coated Condenser Coil	2		Fault Detection and Diagnostics (FDD)	
	with Hall Guard	3		with Demand Control Ventilation	C
18	Through the Base Provisions		27	Unit Hardware Enhancements	
	No Through the Base Provisions	0		No Enhancements	0
	Through the Base Electric(s)	A		Stainless Steel Drain Pan	1
19	Disconnect/Circuit Breaker (three-phase only)		31	Advanced Unit Controls	
	No Disconnect/Circuit Breaker	0		Standard Unit Controls	0
	Unit Mounted Non-Fused Disconnect(s)	1		Human Interface	1
	Unit Mounted Circuit Breaker(s)	2			
20	Convenience Outlet				
	No Convenience Outlet	0			
	Unpowered Convenience Outlet	A			
	Powered Convenience Outlet (three-phase only)	B			

① Available on 3-5 ton models.

② Manual outside air damper not ship factory supplied with the unit, but must be field installed.

③ High pressure control is standard on all units.

④ Multispeed direct drive standard on single-phase products. Bell drive standard on three-phase 3-7 ton. Variable speed drive standard on 10 ton.

⑤ Economizer with Barometric Relief is for overflow configured units only. Other 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 installing disconnect/circuit breaker options.

⑦ Requires use of Disconnect or Circuit Breaker.

⑧ Standard meeting devices are IXYU.

⑨ The return air smoke detector may not fit up or work properly on the Packaged units when used in conjunction with 3rd party accessories such as built-in heat exchangers and power exhaust. Do not order the return air smoke detector when using this type of accessory.

⑩ Requires hinged access panels.

⑪ Crackcase heaters are only available as option on WSC30SE, WSC34SE, & WSC36SE. CCH are standard on all other coils.

⑫ Motorized outside air damper is not available on Multi-Speed or SZVAV (Single Zone Variable Air Volume) products.

⑬ Manual standard on Multi-speed and SZVAV (Single Zone Variable Air Volume) products.

⑭ Multi-speed indoor fan only available on 10 ton products.

⑮ Demand Control Ventilation Option includes wiring only. The DCV sensor is a field-installed only option.

Packaged Heat Pump Convertible 3-10 Tons (Model Digit Numbers)

Heaters (Digit 10)

kW Rating	Digit	Nominal BTUH	No. Stages	Used With	kW Rating	Digit	Nominal BTUH	No. Stages	Used With
208/250/100					400/350				
3.5/5.0	(A)	12,600/17,100	1	WSC038-080E-1	8.0	(D)	20,500	1	WSC038-080E-4
7.5/10.0	(B)	25,200/34,200	2	WSC038-080E-1	12.0	(E)	31,200	2	WSC038-080E-4
15.4/17.8	(F)	35,500/47,100	2	WSC038-080E-1	17.4	(F)	39,400	2	WSC038-080E-4
13.2/12.8	(G)	45,100/50,100	2	WSC048-080E-1	23.0	(J)	78,500	2	WSC080E-4
208/250/200									
4.5/6.0	(B)	12,400/20,500	1	WSC038-080E-3	8.0	(C)	30,700	1	WSC072-100E-4
9.0/12.0	(E)	20,800/36,400	2	WSC038-080E-3	15.0	(G)	61,400	1	WSC072-100E-4
13.1/17.4	(H)	44,800/58,400	2	WSC038-080E-3	27.0	(H)	92,100	2	WSC072-100E-4
17.3/23.0	(J)	55,900/78,500	2	WSC080E-3	34.0	(P)	122,900	2	WSC072-100E-4
8.75/9.0	(C)	23,100/30,700	1	WTC072-090E-3	57.5/350				
13.5/18.0	(G)	48,100/61,400	1	WTC072-120E-3	8.0	(B)	20,500	1	WSC038-080E-W
25.3/27.0	(K)	66,000/92,100	2	WTC072-120E-3	12.0	(E)	31,200	2	WSC038-080E-W
27.0/36.0	(N)	92,200/122,900	2	WTC072-120E-3	17.4	(F)	39,400	2	WSC038-080E-W
40.5/54.0	(P)	108,200/164,900	2	WTC120E-3	23.0	(J)	78,500	2	WSC080E-W
					30.0	(C)	30,700	1	WTC072-090E-W
					38.0	(H)	65,400	1	WTC072-120E-W
					47.0	(P)	122,900	2	WTC072-120E-W
					54.0	(P)	154,700	2	WTC120E-W

Read Only

Packaged Heat Pump Convertible 3-5 Tons, Electric Heaters

Table LPH-6-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
BAYHTR306C	208-230/3/50	4.5/6.0	13,400/20,500	1	WHC036H3, WSC036-048H3
BAYHTR312C	208-230/3/50	9.0/12.0	26,800/41,000	2	WHC036H3, WSC036-048H3
BAYHTR406C	460/3/60	8	20500	1	WHC036H4, WSC036-048H4
BAYHTR412C	460/3/60	12	41000	2	WHC036H4, WSC036-048H4
BAYHTRW06C	575/3/60	8	20500	1	WHC036HW, WSC036-048HW
BAYHTRW12C	575/3/60	12	41000	2	WHC036HW, WSC036-048HW
BAYHTRX306B	208-230/3/50	4.5/6.0	13,400/20,500	1	WHC048-060H3, WSC060H3
BAYHTRX312B	208-230/3/50	9.0/12.0	26,800/41,000	2	WHC048-060H3, WSC060H3
BAYHTRX406B	460/3/60	8	20500	1	WHC048-060H3, WSC060H4
BAYHTRX412B	460/3/60	12	41000	2	WHC048-060H3, WSC060H4
BAYHTRXW06B	575/3/60	8	20500	1	WHC048-060HW, WSC060HW
BAYHTRXW12B	575/3/60	12	41000	2	WHC048-060HW, WSC060HW
BAYHTRY317A	208-230/1/60	13.1/17.4	44,600/59,400	2	WHC036H3, WSC036-048H3
BAYHTRY318A	208-230/1/60	13.1/17.4	44,600/59,400	2	WHC048-060H3, WSC060H3
BAYHTRY323A	208-230/1/60	17.3/23.0	59,000/78,500	2	WHC060H3, WSC060H3
BAYHTRY417A	460/3/60	17.4	59400	2	WHC036H4, WSC036-048H4
BAYHTRY418A	460/3/60	17.4	59400	2	WHC048-060H4, WSC060H4
BAYHTRY423A	460/3/60	23	78500	2	WHC060H4, WSC060H4
BAYHTRYW17A	575/3/60	17.4	59400	2	WHC036HW, WSC036-048HW
BAYHTRYW18A	575/3/60	17.4	59400	2	WHC048-060HW, WSC060HW
BAYHTRYW23A	575/3/60	23	78500	2	WHC060HW, WSC060HW

Packaged Heat Pump Convertible 6-10 Tons, Electric Heaters and Zone Sensors

Table LPH-7-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 Btu/h	No. Stages	Used With
BAYHTRW306A	208-230/3/60	6.8/9.0	23,000/30,700	1	WSC072E3, WSC072H3
BAYHTRW318A	208-230/3/60	13.5/18.0	46,100/61,400	1	WSC072E3, WSC072H3
BAYHTRW327A	208-230/3/60	20.3/27.0	69,000/92,100	2	WSC072E3, WSC072H3
BAYHTRW336A	208-230/3/60	27.0/36.0	92,100/122,900	2	WSC072E3, WSC072H3
BAYHTRW409A	460/3/60	9	30700	1	WSC072E4, WSC072H4
BAYHTRW418A	460/3/60	18	61400	1	WSC072E4, WSC072H4
BAYHTRW427A	460/3/60	27	92100	2	WSC072E4, WSC072H4
BAYHTRW436A	460/3/60	36	122900	2	WSC072E4, WSC072H4
BAYHTRW118A	575/3/60	18	61400	1	WSC072EW, WSC072HW
BAYHTRW127A	575/3/60	27	92100	2	WSC072EW, WSC072HW
BAYHTRW136A	575/3/60	36	122900	2	WSC072EW, WSC072HW
BAYHTRU306A	208-230/3/60	6.8/9.0	23,000/30,700	1	WSC090E3, WSC090H3, WSC102H3
BAYHTRU318A	208-230/3/60	13.5/18.0	46,100/61,400	1	WSC090E3, WSC090H3, WSC102H3
BAYHTRU327A	208-230/3/60	20.3/27.0	69,000/92,100	2	WSC090E3, WSC090H3, WSC102H3
BAYHTRU336A	208-230/3/60	27.0/36.0	92,100/122,900	2	WSC090E3, WSC090H3, WSC102H3
BAYHTRU409A	460/3/60	9	30700	1	WSC090E4, WSC090H4, WSC102H4
BAYHTRU418A	460/3/60	18	61400	1	WSC090E4, WSC090H4, WSC102H4
BAYHTRU427A	460/3/60	27	92100	2	WSC090E4, WSC090H4, WSC102H4
BAYHTRU436A	460/3/60	36	122900	2	WSC090E4, WSC090H4, WSC102H4
BAYHTRUW18A	575/3/60	18	61400	1	WSC090EW, WSC090HW, WSC102HW
BAYHTRUW27A	575/3/60	27	92100	2	WSC090EW, WSC090HW, WSC102HW
BAYHTRUW36A	575/3/60	36	122900	2	WSC090EW, WSC090HW, WSC102HW

Table LPH-7-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 Btu/h	No. Stages	Used With
BAYHTRB318A	208-230/3/60	13.5/18.0	46,100/61,400	1	WSC120E3
BAYHTRB327A	208-230/3/60	20.3/27.0	69,000/92,100	2	WSC120E3
BAYHTRB336A	208-230/3/60	27.0/36.0	92,100/122,900	2	WSC120E3
BAYHTRB354A	208-230/3/60	40.6/54.0	138,000/184,300	2	WSC120E3
BAYHTRB418A	460/3/60	18	61400	1	WSC120E4
BAYHTRB427A	460/3/60	27	92100	2	WSC120E4
BAYHTRB436A	460/3/60	36	122900	2	WSC120E4
BAYHTRB454A	460/3/60	54	184300	2	WSC120E4
BAYHTRBW18A	575/3/60	18	61400	1	WSC120EW
BAYHTRBW36A	575/3/60	36	122900	2	WSC120EW
BAYHTRBW54A	575/3/60	54	184300	2	WSC120EW
BAYHTRA306A	208-230/3/60	6.8/9.0	23,000/30,700	1	WSC090H3, WSC102H3
BAYHTRA318A	208-230/3/60	13.5/18.0	46,100/61,400	1	WSC090H3, WSC102H3, WSC120H3
BAYHTRA327A	208-230/3/60	20.3/27.0	69,000/92,100	2	WSC090H3, WSC102H3, WSC120H3
BAYHTRA336A	208-230/3/60	27.0/36.0	92,100/122,900	2	WSC090H3, WSC102H3, WSC120H3
BAYHTRA354A	208-230/3/60	40.6/54.0	138,000/184,300	2	WSC120H3
BAYHTRA409A	460/3/60	9	30700	1	WSC090H4, WSC102H4
BAYHTRA418A	460/3/60	18	61400	1	WSC090H4, WSC102H4, WSC120H4
BAYHTRA427A	460/3/60	27	92100	2	WSC090H4, WSC102H4, WSC120H4
BAYHTRA436A	460/3/60	36	122900	2	WSC090H4, WSC102H4, WSC120H4
BAYHTRA454A	460/3/60	54	184300	2	WSC120H4
BAYHTRA118A	575/3/60	18	61400	1	WSC090H4, WSC102H4, WSC120H4
BAYHTRA127A	575/3/60	27	92100	2	WSC090H4, WSC102H4, WSC120H4
BAYHTRA136A	575/3/60	36	122900	2	WSC090H4, WSC102H4, WSC120H4
BAYHTRA154A	575/3/60	54	184300	2	WSC120H4

Packaged Heat Pump Convertible 3-10 Tons Accessories

Table LPH-3-A — Accessories

Model Number	Description	Used With
BAYABRD001C@	ReliaTel™ Options Module	All WSC036-120E, See Note 4
BAYBARM010A@	Barometric Relief	WSC036-048E
BAYBARM011A@	Barometric Relief	WSC060-120E
BAYBCIR001A	BACnet™ Communication Interface	ReliaTel™ Controller (BCI-R)
BAYCO2K001B	CO2 Sensor Kit, Wall Mounted	All WSC036-120E
BAYCO2K003B	CO2 Sensor Kit, Duct Mounted	All WSC036-120E
BAYCURB042A@	Roof Curb	WSC036-048E
BAYCURB043A@	Roof Curb	WSC060-090E
BAYCURB044A@	Roof Curb	WSC120E
BAYDFPS003B@	Clogged Filter Switch (w/Standard & MERV II Filter)	All WSC036-120E
BAYDFPS014A@	Clogged Filter Switch (MERV 13 Filter)	All WSC036-120E
BAYDFPS004A@	Fan Failure Switch	All WSC036-120E
BAYDMPR053B@	0-50% Manual Outside Air Damper	WSC036-048, WHC036
BAYDMPR056B@	0-50% Manual Outside Air Damper	WSC060-120, WHC048-060
BAYDMPR051A	0-50% Motorized Outside Air Damper	WSC036-048, WHC036
BAYDMPR054A	0-50% Motorized Outside Air Damper	WSC060-120, WHC048-060
BAYECON085A	0-100% Economizer without Barometric Relief	WSC036-048, WHC036
BAYECON087A	0-100% Economizer without Barometric Relief	WSC060-120, WHC048-060
BAYECON704A	Downflow Low Leak Economizer	WSC060-120, WHC048-060
BAYECON705B	Downflow Low Leak Economizer	WSC036-048, WHC036
BAYENTH005A@	Reference Enthalpy Kit	BAYECON085A, 087A
BAYENTH006B@	Comparative Enthalpy Kit	BAYECON085A, 087A
BAYFRST003A@	High Temperature Stat	All WSC036-120E
BAYGARD137A	Condenser Coil Hair Guard	WSC036-048, WHC036
BAYGARD040C	Condenser Coil Hair Guard	WSC060-072, WHC048-060
BAYGARD041C	Condenser Coil Hair Guard	WSC090, WSC120H
BAYGARD071A	Condenser Coil Hair Guard	WSC120E

@ Kits contain all necessary parts to achieve desired level of enthalpy control.

@ Barometric Relief accessories install in ductwork for horizontal configurations. For downflow configurations, install on the unit's horizontal return duct. Please see Installer's Guide for complete instructions.

@ Lynx Haven manufacturing has a no return policy for the roof curb.

@ BAYABRD001C is required when ordering field installed accessories Clogged Filter Switch (BAYDFPS003A), Fan Fail Switch (BAYDFPS004A), Discharge Air Sensing Kit (BAYTUBED05A or BAYTUBED07A) or Evaporator Defrost Control (Froststat) (BAYLDAM002D) Ventilation Override Kit (BAYVNO1601G) unless the following options are factory installed: Froststat, Smoke Detector, Clogged Filter Switch, Fan Failure Switch, Discharge Air Sensing Kit. These factory installed options include the ReliaTel™ Options Module.

@ Cannot be used in conjunction with factory installed smoke detector.

@ The manual outside air damper will ship factory equipped with the unit, but must be field installed.

Packaged Heat Pump Convertible 3-10 Tons Accessories

Table LPH-9-A — Accessories

Model Number	Description	Used With
BAYHSM1403A	2 HP Belt Drive Oversized Motor	WSC072"3, "4
BAYHSM1404A	2 HP Belt Drive Oversized Motor	WSC072"W
BAYHSM1400A	3 HP Belt Drive Oversized Motor	WSC090"3, "4
BAYHSM1401A	3 HP Belt Drive Oversized Motor	WSC090"W
BAYLSOR005A	Low Static Drive	WSC090
BAYLOAM020B6	Evaporator Defrost Control (Frontal)	All WSC036-120E
BAYLTCI002B7	LonTalk® Communications Interface (LCI)	All WSC036-120E
BAYPWR070A	Power Exhaust (208-230/3)	WSC036-048"3, WHC036"3
BAYPWR071A	Power Exhaust (460/3)	WSC036-048"3, WHC036"4
BAYPWR072A	Power Exhaust (575/3)	WSC036-060EW
BAYPWR026A0	Power Exhaust (208-230/3)	WSC072-120E3
BAYPWR027A0	Power Exhaust (460/3)	WSC072-120E4
BAYPWR028A0	Power Exhaust (575/3)	WSC072-120EW
BAYQACB009A000	Quick Adapt Roof Curb	WSC036-048, WHC036
BAYQACB010A000	Quick Adapt Roof Curb	WSC036-048, WHC036
BAYQACB011A000	Quick Adapt Roof Curb	WSC060-060, WHC048-060
BAYQACB012A000	Quick Adapt Roof Curb	WSC060-060, WHC048-060
BAYQACB013A000	Quick Adapt Roof Curb	WSC060-060, WHC048-060
BAYQACB011A000	Quick Adapt Roof Curb	WSC120E
BAYQACB011A000	Quick Adapt Roof Curb	WSC120E
BAYQACB011A000	Quick Adapt Roof Curb	WSC120E

- ① Used for true discharge air sensing in both heating and cooling. Required for supply air temperature.
- ② Lynx Meter manufacturing has a no return policy for this roof curb.
- ③ BAYQACB009A adapts Vynager BAYCUB021A roof curb to accept Precedent 3-5 ton unit. BAYQACB010A adapts Vynager BAYCUB022A roof curb to accept Precedent 3-5 ton unit. BAYQACB011A adapts Vynager BAYCUB022 roof curb to accept WSC120E. BAYQACB012A adapts Vynager BAYCUB025 roof curb to accept WSC120E. BAYQACB013A adapts Vynager BAYCUB028 roof curb to accept WSC120E.
- ④ SATABH001C is required when ordering field installed accessories: Clogged Filter Switch (BAYDFP003A), Fan Fail Switch (BAYDFP004A), Discharge Air Sensing Kit (BAYDIS005A or BAYDIS006A) or Evaporator Defrost Control (Frontal) (BAYLOAM020B) Ventilation Override Kit (BAYVVO001B) unless the following options are factory installed: Frontal, Sensing Defrost, Clogged Filter Switch, Fan Failure Switch, Discharge Air Sensing Kit. These factory installed options include the "Retrofit" P-Option Module.
- ⑤ Interface allows unit to communicate with Tracer 100, Tracer Van, Tracer II, and is the preferred method of communication to Tracer Summit.
- ⑥ Power Exhaust cannot be used with Sanonetics® Halls. Other Sanonetics® without Halls are allowed.
- ⑦ BAYQACB012A adapts Vynager BAYCUB025 roof curb to accept Precedent 8-10 ton unit. BAYQACB011A adapts Vynager BAYCUB022 roof curb to accept Precedent 8-10 ton unit. BAYQACB adapts Vynager BAYCUB028 roof curb to accept WSC060-060E.
- ⑧ Field installed accessory. Requires an electrician.
- ⑨ If any version of comparative or refrigerant enthalpy is required, BAYHSM001A does not need to be ordered.
- ⑩ Order only when unit has factory installed Defrost Control Ventilation option.

Packaged Heat Pump with ReliaTel™ Controls 12½-20 Tons



12½ – 20 Ton WSD—Downflow
 12½ – 20 Ton WSH—Horizontal

- EER up to 10.6
- ReliaTel™ processor control features are listed on page LPC-13
- Built-in anti-short cycle, time-delay relay and minimum on time controls
- 2" filters for 12½ – 20 ton units
- Liquid line drier
- Built-in lock lift holes
- Operating charge of R-410A
- Quick-Seal service panels slide in and out
- Scroll compressors
- Dedicated 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 cabinet and accessories Cooling only and Gas/Electric Heat models
- Quick-adjust idler arm pulley
- 5-year limited compressor warranty (12½ – 20 tons)

Table LPH-10-A — Standard — ReliaTel™ Units (R-410A)

Tons	Unit Model No.	Power Supply Volts/Phase/Freq	Performance EER	Cooling Capacity (Btu/h)	Dimensions (in.) H x W x L	Shipping Weight (Lbs.)	MCA②	Max Fuse Size (in.) Max Circuit Breaker	Downflow Roof curb
12 1/2	WS*150E3R0B0000	208-230/3/60	12.0	146,000	56 1/2 x 84 1/2 x 121 1/2	2455	67.0	80	BAYCURB027B
15	WS*180E3R0B0000	208-230/3/60	12.0	177,000	56 1/2 x 84 1/2 x 121 1/2	2469	73.0	90	BAYCURB027B
20	WS*240E3R0B0000	208-230/3/60	11.5	240,000	66 1/2 x 84 1/2 x 121 1/2	2641	113.0	150	BAYCURB027B
12 1/2	WS*150E4R0B0000	460/3/60	12.0	146,000	56 1/2 x 84 1/2 x 121 1/2	2455	32.0	40	BAYCURB027B
15	WS*180E4R0B0000	460/3/60	12.0	177,000	56 1/2 x 84 1/2 x 121 1/2	2469	36.0	45	BAYCURB027B
20	WS*240E4R0B0000	460/3/60	11.5	240,000	66 1/2 x 84 1/2 x 121 1/2	2641	39.0	70	BAYCURB027B
12 1/2	WS*150EWR0B0000	575/3/60	12.0	146,000	56 1/2 x 84 1/2 x 121 1/2	2455	25.0	30	BAYCURB027B
15	WS*180EWR0B0000	575/3/60	12.0	177,000	56 1/2 x 84 1/2 x 121 1/2	2469	29.0	35	BAYCURB027B
20	WS*240EWR0B0000	575/3/60	11.5	240,000	66 1/2 x 84 1/2 x 121 1/2	2641	45.0	50	BAYCURB027B
Tons	Supply Downflow W x L (in.)	Return Downflow W x L (in.)	Supply Horizontal H x W (in.)	Return Horizontal H x W (in.)	Curb Size H x W x L (in.)	Roof Opening W x L (in.)			
20	28 1/2 x 69 1/2	22 1/2 x 77	46 1/2 x 26 1/2	46 1/2 x 27 1/2	14 1/2 x 81 x 117 1/2	75 1/2 x 81			

① Dimensions are in inches. See Outside Dimensions.

② Inset for Dimensions.

③ Measurement includes Curb Flange.

④ MCAH type circuit breaker per NEC.

⑤ Information subject to change. Please confirm with current Product Data/Service Packs for current factory production.

* Digit S = H = Horizontal or D = Downflow.

Packaged Heat Pump with ReliaTel™ Controls 12½-25 Tons (Model Digit Numbers)

Digit	Description	Order Number	Digit	Description	Order Number
1	Unit Type		13	Disconnect Switch/Circuit Breaker	
2	Efficiency			No Disconnect/Circuit Breaker	0
	Standard Efficiency	0		Unit Mounted Non-used Disconnect Switch	1
3	Airflow Configuration			Unit Mounted Circuit Breaker	2
	Downflow	0	20	Convenience Outlet Option	
	Horizontal	1		Without Convenience Outlet	0
4-6	Nominal Gross Cooling Capacity (MWh)			Unpowered Convenience Outlet	1
	12½ tons	150		Powered Convenience Outlet	2
	15 tons	160	21	Communications Options	
	17½ tons	210		Without Communications Options	0
	20 tons	240		Building Automation Control Network	1
7	Major Design Sequence			Communications Interface	2
	16-410A Refrigerant	0	22	Refrigeration System Option	
8	Voltage Selection			Standard refrigeration system	0
	208-230V/3	3	23	Refrigeration Controls	
	460V/3	4		Without Refrigeration Controls	0
	575V/3	5		Panel	1
9	Unit Controls		24	Smoke Detector	
	ReliaTel	0		Without Smoke Detector	0
10	Heating Capacity			Return Air Smoke Detector	1
	No Heat	0		Supply Air Smoke Detector	2
	18 kW Electric Heat	1		ReliaTel Supply Air Smoke Detector	3
	36 kW Electric Heat	2		Return Air Smoke Detector	4
	54 kW Electric Heat	3	25	System Monitoring Controls	
	72 kW Electric Heat	4		No Monitoring Controls	0
11	Minor Design Sequence			Chilled Filter Switch	1
12-13	Service Sequence			Fan Failure Switch	2
14	Fresh Air Selection			Discharge Air Sensing	3
	No Fresh Air	0		Chilled Filter Switch and Fan Failure	4
	Manual Damper	1		Chilled Filter Switch and Discharge Air Sensing	5
	Motorized Damper	2		Fan Failure Switch and Discharge Air Sensing	6
	Economizer with Barometric Relief	3		Chilled Filter Switch, Fan Failure Switch and	7
	Economizer with Barometric Relief	4		Discharge Air Sensing	8
	Economizer with Barometric Relief	5		Condensate Drain Fan Overflow Switch	9
	Economizer with Barometric Relief	6		Chilled Filter Switch and Condensate Drain	10
	Economizer with Barometric Relief	7		Fan Overflow Switch	11
	Economizer with Barometric Relief	8		Fan Failure Switch and Condensate Drain	12
	Economizer with Barometric Relief	9		Fan Overflow Switch	13
15	Supply Fan/Drive Type/Motor			Discharge Air Sensing and Condensate	14
	Standard Motor	0		Chilled Filter Switch, Fan Failure Switch and	15
	Overload Motor	1		Condensate Drain Fan Overflow Switch	16
	High Efficiency Motor	2		Chilled Filter Switch, Discharge Air Sensing	17
	Single Zone Variable Air Volume Standard Motor	3		Tube and Condensate Drain Fan Overflow Switch	18
	Multi-Speed Standard Motor	4		Fan Failure Switch, Discharge Air Sensing and	19
	Single Zone Variable Air Volume Overload Motor	5		Condensate Drain Fan Overflow Switch	20
	Multi-Speed Overload Motor	6		Chilled Filter Switch, Fan Failure Switch, Discharge	21
	Single Zone Variable Air Volume Standard	7		Air Sensing and Condensate Drain Fan Overflow	22
	Motor without Ground Ring	8		Switch	23
	Multi-Speed Standard Motor with/without Ground Ring	9	26	System Monitoring Controls	
	Single Zone Variable Air Volume Overload	10		No Monitoring Controls	0
	Motor without Ground Ring	11		Demand Control Ventilation (DCV)	1
	Multi-Speed Standard Motor with/without Ground Ring	12		Fault Detection and Diagnosis (FDD)	2
	Single Zone Variable Air Volume Overload	13		Fault Detection and Diagnosis (FDD)	3
	Motor without Ground Ring	14		with Demand Control Ventilation	4
	Multi-Speed Overload Motor with/without Ground Ring	15	27	Unit Hardware Enhancements	
16	Hinged Service Access / Filters			No Enhancements	0
	Standard Panels/Standard Filters	0		Stainless Steel Drain Pan	1
	Hinged Access/Standard Filters	1	28	Short Circuit Current Rating (SCCR)	
	Standard Panels/MERV 13 Filters	2		Standard SCCR	0
	Hinged Access/MERV 13 Filters	3		10 kA SCCR	1
	Standard Panels/MERV 13 Filters	4	29	Advanced Unit Controls	
	Hinged Access/MERV 13 Filters	5		Standard Unit Controls	0
17	Condenser Coil Protection			Human Interface	1
	Standard Coil	0			
	Standard Coil With Mail Guard	1			
	Black Epoxy Pre-Coated Coil	2			
	Black Epoxy Pre-Coated Coil with Mail Guard	3			
18	Through The Base Provisions				
	No Through The Base Provisions	0			
	Through The Base Electric	1			
	Through The Base Access	2			
(1) Demand Control Ventilation Option exclusive wiring only. The DCV sensor is a field-installed only option.					

Note: Most factory-installed options available for Downflow Air Discharge units only. Please verify with ordering system for availability.

Packaged Heat Pump with ReliaTel™ Controls 12½-20 Tons Zone Sensors

Table LPH-12-A — Zone Sensors

Model Number	Description	Used With
ASYSAT107A	Single Setpoint Manual Changeover	WC150-240
ASYSAT109A	Dual Setpoint Manual or Automatic Changeover	WC150-240
ASYSAT111A	Remote Room Sensor	ASYSAT777A
ASYSAT777A	Programmable Night Setback	WC150-240
BAVMTPL110A	Retrofit Wall Cover Plate Kit 7.25" x 6.0"	ASYSAT777A
BAVSEN5024A(0)	Title 24 Zone Sensor	AI

(0) Must be used with ReliaTel™ Control and BCI Communications Interface

Read Only

Packaged Heat Pump with ReliaTel™ Controls 12½-20 Tons Accessories

Table LPH-13A — Field Installed Accessories

Model Number	Description	Used With
BAYABRD002B(0)	ReliaTel™ Options Module	All Voyager Heat Pumps
BAYBCIR001A	Bacnet™ Communication Interface	ReliaTel™ Controller (BC1-R)
BAYCO2K002B(0)	CO ₂ Sensor Wall Mounted	All Voyager Heat Pumps w/Economizers
BAYCO2K004B(0)	CO ₂ Sensor Duct Mounted	All Voyager Heat Pumps w/Economizers
BAYCURB027B(00)	Downflow Only Roof Curb	WS0150E-240E
BAYDFFS005A(0X)	Clogged Filter Switch (MERV 7)	WS*150E-240E
BAYDFFS006A(0X)	Fan Failure Switch	WS*150E-240E
BAYDFFS013A	Clogged Filter Switch (MERV 13)	WS*150E-240E
BAYDMPR029C	0-25% Manual Outside Air Damper	All Packaged Rooftops 12½-20 Tons
BAYDMPR058A	0-50% Motorized Outside Air Damper	WS*150E-240E
BAYECON090A(0)	Downflow Economizer with Barometric Relief	WSD150E-240E
BAYECON092A	Horizontal Economizer	WSH150E-240E
BAYECON0701A	Downflow Low Leak Economizer	WSD150E-240E
BAYENTH007A	Reference Enthalpy Kit	All BAYECON089-92A
BAYENTH008A	Comparative Enthalpy Kit	All BAYECON089-92A
BAYFRST003A	High Temperature Stat	WS*150E-240E
BAYGARD045A(0)	Tool-less Hall Guard	WS*150E, WS*180E
BAYGARD050A(0)	Tool-less Hall Guard	WS*240E
BAYHSOR005B(0)	High Static Drive	WS*150E-240E
BAYHSM055B	5HP OVERSIZED MOTOR KIT (208-230/460)	WS*150E, WS*180E
BAYHSM072A	5HP OVERSIZED MOTOR KIT (575)	WS*150E, WS*180E
BAYHSM100A	7.5HP OVERSIZED MOTOR KIT (208-230)	WS*240E
BAYHSM101A	7.5HP OVERSIZED MOTOR KIT (460)	WS*240E
BAYHSM102A	7.5HP OVERSIZED MOTOR KIT (575)	WS*240E
BAYLOAM023A(0X)	Evaporator Defrost Control (Frezzer)	WS*150E, WS*180E
BAYLOAM021A	Evaporator Defrost Control	WS*240E
BAYLSOR004A	Low Static Drive	WS*240E
BAYLSOR011A	Low Static Drive	WS*150E, WS*180E
BAYPWRX029A	Power Exhaust for all Voyagers 12½-20 Ton 230V units	Downflow Only
BAYPWRX030A	Power Exhaust for all Voyagers 12½-20 Ton 460V units	Downflow Only
BAYPWRX031A	Power Exhaust for all Voyagers 12½-20 Ton 575V units	Downflow Only
BAYQACB044A	Adapter Curb	BAYCURB025A/B to BAYCURB027A/B
BAYSERV001A	Selective Resistance Service Tester	All Voyagers 12½-20 Tons
BAYSTAT023	Remote Potentiometer	All BAYECON089-92A
BAYTUBE008A(0X0)	Discharge Air Sensing Kit	All Voyagers 12½-20 Tons Downflow
BAYTUBE005A(0X0)	Discharge Air Sensing Kit	All Voyagers 12½-20 Tons Horizontal
BAYVNOR002B(0)	Ventilation Override Kit	WS*150-240E w/ReliaTel™ Options Module

(0) High static drive and oversized motors are mutually exclusive. Do not combine.

(0X) Used for true discharge air sensing in both heating and cooling modes.

(0) Carrier® Manufacturing has a minimum policy for this roof curb.

(0) For downflow use only. Can not be adapted for horizontal units.

(0) BAYECON092B is required when installing field installed accessories BAYDFFS005A or 006A, BAYTUBE005A or 008A and BAYLOAM023A, BAYLOAM021A or BAYVNOR002B.

(0) Field or factory installed option.

(0) Field installed accessory. Requires air economizer.

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

Packaged Heat Pump with ReliaTel™ Controls 12½-20 Tons Heaters

Table LPH-14-A — Downflow Supplementary Heaters:

Model Number	Power Supply	kW Rating	BTUH	Normal Stages	Used With
AYDHTRK318B	208-230/3/60	13.5/18.0	46,100/61,400	1	WSQ150-180E
AYDHTRK336B	208-230/3/60	27.0/36.0	92,200/122,900	2	WSQ150-180E
AYDHTRK354B	208-230/3/60	40.5/54.0	138,200/184,300	2	WSQ150-180E
AYDHTRK418B	460/3/60	18.0	61,400	1	WSQ150-180E
AYDHTRK436B	460/3/60	36.0	122,900	2	WSQ150-180E
AYDHTRK454B	460/3/60	54.0	184,300	2	WSQ150-180E
AYDHTRL336B	208-230/3/60	27.0/36.0	92,200/122,900	2	WSQ240E
AYDHTRL354B	208-230/3/60	40.5/54.0	138,200/184,300	2	WSQ240E
AYDHTRK372B	208-230/3/60	54.0/72.0	184,300/245,700	2	WSQ240E
AYDHTRL436B	460/3/60	36.0	122,900	2	WSQ240E
AYDHTRL454B	460/3/60	54.0	184,300	2	WSQ240E
AYDHTRK472B	460/3/60	72.0	245,700	2	WSQ240E
AYDHTRKW18B	575/3/60	18.0	61,400	1	WSQ150-180E
AYDHTRKW36B	575/3/60	36.0	122,900	2	WSQ150-180E
AYDHTRKW54B	575/3/60	54.0	184,300	2	WSQ150-180E
AYDHTRLW36B	575/3/60	36.0	122,900	2	WSQ240E
AYDHTRLW54B	575/3/60	54.0	184,300	2	WSQ240E
AYDHTRKW72B	575/3/60	72.0	245,700	2	WSQ240E

Table LPH-14-B — Horizontal Supplementary Heaters:

AYHHTRM318B	208-230/3/60	13.5/18.0	46,100/61,400	1	WSH150-180E
AYHHTRM336B	208-230/3/60	27.0/36.0	92,200/122,900	2	WSH150-180E
AYHHTRM354B	208-230/3/60	40.5/54.0	138,200/184,300	2	WSH150-180E
AYHHTRM418B	460/3/60	18.0	61,400	1	WSH150-180E
AYHHTRM436B	460/3/60	36.0	122,900	2	WSH150-180E
AYHHTRM454B	460/3/60	54.0	184,300	2	WSH150-180E
AYHHTRN336B	208-230/3/60	27.0/36.0	92,200/122,900	2	WSH240E
AYHHTRN354B	208-230/3/60	40.5/54.0	138,200/184,300	2	WSH240E
AYHHTRN372B	208-230/3/60	54.0/72.0	184,300/245,700	2	WSH240E
AYHHTRN436B	460/3/60	36.0	122,900	2	WSH240E
AYHHTRN454B	460/3/60	54.0	184,300	2	WSH240E
AYHHTRN472B	460/3/60	72.0	245,700	2	WSH240E
AYHHTRMW18B	575/3/60	18.0	61,400	1	WSH150-180E
AYHHTRMW36B	575/3/60	36.0	122,900	2	WSH150-180E
AYHHTRMW54B	575/3/60	54.0	184,300	2	WSH150-180E
AYHHTRNW36B	575/3/60	36.0	122,900	2	WSH240E
AYHHTRNW54B	575/3/60	54.0	184,300	2	WSH240E
AYHHTRNW72B	575/3/60	72.0	245,700	2	WSH240E

Note: Unit with heater to single control/sample point.

See ReliaTel™ and Micro Control features on LPC-12 and LPC-13.



Beveled Top
Smoother Design
Small compact cabinet
Recessed access handles

Packaged Gas/Electric Convertible 3-10 Tons

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-PRC046-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
- Noxar Controls
- Comm 3/4 Communications Interface
- BACnet™ Communications Interface
- 2" Pleated Media filters (MERV 8 & 13)
- Froststat
- Multi-Speed & Single Zone VAV ID Airflow
- Demand Control Ventilation
- Stainless Steel Drainpan
- Condensate Drainpan Overflow Switch

The same American Standard Heating & Air Conditioning Quality and Reliability ... with added Flexibility!

Packaged Gas/Electric Convertible 3-5 Tons, 17 SEER, R-410A

Table LPG-2-A — 17 Plus - R-410A - ReliaTel™ Controls Only

Zone	Unit Ordering No.	Performance SEER	Cooling Capacity (Btu/h)	Heating Capacity (Btu/h)	S.S. Furnace EFF.	Cabinet Dimensions (in.) H x W x L	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA*	Max. Fuse*
YHC - 208-230V/1Ø - Three Phase - Low Heat											
3	YHC037E3RLA0000	17.5	36,500	48,000	78	36 x 44 x 69	16 x 15.5	24 x 14	676	23.3	30
4	YHC047E3RLA0000	17.5	50,500	49,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	858	29.4	40
5	YHC067E3RLA0000	17.2	60,000	49,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	917	32.2	45
YHC - 480V/3Ø - Three Phase - Low Heat											
3	YHC037E4RLA0000	17.5	36,500	48,000	78	36 x 44 x 69	16 x 15.5	24 x 14	676	11.4	15
4	YHC047E4RLA0000	17.5	50,500	49,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	858	15.2	20
5	YHC067E4RLA0000	17.2	60,000	49,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	917	32.2	20
YHC - 675V/3Ø - Three Phase - Low Heat											
3	YHC037EWRLA0000	17.5	36,500	48,000	78	36 x 44 x 69	16 x 15.5	24 x 14	676	8.7	15
4	YHC047EWRLA0000	17.5	50,500	49,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	858	10.4	15
5	YHC067EWRLA0000	17.2	60,000	49,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	917	11.2	15
YHC - 208-230V/1Ø - Three Phase - Medium Heat											
3	YHC037E3RMA0000	17.5	36,500	64,000	78	36 x 44 x 69	16 x 15.5	24 x 14	676	23.3	30
4	YHC047E3RMA0000	17.5	50,500	64,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	858	29.4	40
5	YHC067E3RMA0000	17.2	60,000	64,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	917	32.2	45
YHC - 480V/3Ø - Three Phase - Medium Heat											
3	YHC037E4RMA0000	17.5	36,500	64,000	78	36 x 44 x 69	16 x 15.5	24 x 14	676	11.4	15
4	YHC047E4RMA0000	17.5	50,500	64,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	858	15.2	20
5	YHC067E4RMA0000	17.2	60,000	64,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	917	32.2	20
YHC - 675V/3Ø - Three Phase - Medium Heat											
3	YHC037EWRMA0000	17.5	36,500	64,000	78	36 x 44 x 69	16 x 15.5	24 x 14	676	8.7	15
4	YHC047EWRMA0000	17.5	50,500	64,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	858	10.4	15
5	YHC067EWRMA0000	17.2	60,000	64,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	917	11.2	15
YHC - 208-230V/1Ø - Three Phase - High Heat											
3	YHC037E3RMA0000	17.5	36,500	80,000	78	36 x 44 x 69	16 x 15.5	24 x 14	676	23.3	30
4	YHC047E3RMA0000	17.5	50,500	96,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	858	29.4	40
5	YHC067E3RMA0000	17.2	60,000	104,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	917	32.2	45
YHC - 480V/3Ø - Three Phase - High Heat											
3	YHC037E4RMA0000	17.5	36,500	80,000	78	36 x 44 x 69	16 x 15.5	24 x 14	676	11.4	15
4	YHC047E4RMA0000	17.5	50,500	96,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	858	15.2	20
5	YHC067E4RMA0000	17.2	60,000	104,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	917	32.2	20
YHC - 675V/3Ø - Three Phase - High Heat											
3	YHC037EWRMA0000	17.5	36,500	80,000	78	36 x 44 x 69	16 x 15.5	24 x 14	676	8.7	15
4	YHC047EWRMA0000	17.5	50,500	96,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	858	10.4	15
5	YHC067EWRMA0000	17.2	60,000	104,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	917	11.2	15

© Downflow Airflow/humanair Airflow

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

Packaged Gas/Electric Convertible 3-5 Tons, 15 SEER, R-410A

Table LPQ-3-A - Base Unit - 16 BEER High Efficiency - Electromechanical or Releco™

YHC	Unit Ordering No.	Performance SEER	Cooling Capacity (Btu/h)	Heating Capacity (Btu/h)	APF/EER	Furnace EPR	Cabinet Dimensions (in.) H x W x L	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA**	Max. Fuel**
YHC - 203-230/180 - Single Phase - Low Heat												
3	YHC036E1*LB0000	15.2	38,400	49,200	81	36 x 44 x 69	16 x 15.5	24 x 14	555	26.7	40	
4	YHC048F1*LB0000	15.0	49,930	49,200	81	41 x 53 x 88	33 x 17.5	32 x 17.5	798	35.7	50	
5	YHC060F1*LB0000	15.0	61,000	49,800	81	41 x 53 x 88	33 x 17.5	32 x 17.5	823	43.8	70	
YHC - 203-230/180 - Three Phase - Low Heat												
3	YHC036E3*LA0000	15.0	37,600	49,200	78	36 x 44 x 69	16 x 15.5	24 x 14	637	21.9	30	
4	YHC048F3*LA0000	15.0	49,930	49,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	869	28.3	40	
5	YHC060F3*LA0000	15.0	61,000	49,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	894	32.1	45	
YHC - 480/3/80 - Three Phase - Low Heat												
3	YHC036E4*LA0000	15.0	37,600	48,000	78	36 x 44 x 69	16 x 15.5	24 x 14	637	10.2	15	
4	YHC048F4*LA0000	15.0	49,930	49,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	869	13.8	20	
5	YHC060F4*LA0000	15.0	61,000	49,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	894	17.0	20	
YHC - 675/3/80 - Three Phase - Low Heat												
3	YHC036EW*LA0000	14.4	37,600	48,000	78	36 x 44 x 69	16 x 15.5	24 x 14	637	7.9	15	
4	YHC048FW*LA0000	15.0	49,930	49,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	869	9.8	15	
5	YHC060FW*LA0000	15.0	61,000	49,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	894	10.2	15	
YHC - 203-230/180 - Single Phase - Medium Heat												
3	YHC036E1*MB0000	15.2	38,400	65,600	81	36 x 44 x 69	16 x 15.5	24 x 14	555	26.7	40	
4	YHC048F1*MB0000	15.0	49,930	66,400	81	41 x 53 x 88	33 x 17.5	32 x 17.5	798	35.7	50	
5	YHC060F1*MB0000	15.0	61,000	65,600	81	41 x 53 x 88	33 x 17.5	32 x 17.5	823	43.8	70	
YHC - 203-230/180 - Three Phase - Medium Heat												
3	YHC036E3*MA0000	15.0	37,600	65,600	78	36 x 44 x 69	16 x 15.5	24 x 14	676	21.9	30	
4	YHC048F3*MA0000	15.0	49,930	66,400	79	41 x 53 x 88	33 x 17.5	32 x 17.5	858	28.3	40	
5	YHC060F3*MA0000	15.0	61,000	65,600	79	41 x 53 x 88	33 x 17.5	32 x 17.5	917	32.1	45	
YHC - 480/3/80 - Three Phase - Medium Heat												
3	YHC036E4*MA0000	15.0	37,600	64,000	78	36 x 44 x 69	16 x 15.5	24 x 14	676	10.2	15	
4	YHC048F4*MA0000	15.0	49,930	64,000	79	41 x 53 x 88	33 x 17.5	32 x 17.5	858	13.8	20	
5	YHC060F4*MA0000	15.0	61,000	64,000	79	41 x 53 x 88	33 x 17.5	32 x 17.5	917	17.0	20	
YHC - 675/3/80 - Three Phase - Medium Heat												
3	YHC036EW*MA0000	14.4	37,600	64,000	78	36 x 44 x 69	16 x 15.5	24 x 14	676	7.9	15	
4	YHC048FW*MA0000	15.0	49,930	64,000	79	41 x 53 x 88	33 x 17.5	32 x 17.5	858	9.8	15	
5	YHC060FW*MA0000	15.0	61,000	64,000	79	41 x 53 x 88	33 x 17.5	32 x 17.5	917	10.2	15	
YHC - 203-230/180 - Single Phase - High Heat												
3	YHC036E1*HB0000	15.2	38,400	82,000	81	36 x 44 x 69	16 x 15.5	24 x 14	555	26.7	40	
4	YHC048F1*HB0000	15.0	49,930	96,400	81	41 x 53 x 88	33 x 17.5	32 x 17.5	798	35.7	50	
5	YHC060F1*HB0000	15.0	61,000	106,600	81	41 x 53 x 88	33 x 17.5	32 x 17.5	823	43.8	70	
YHC - 203-230/180 - Three Phase - High Heat												
3	YHC036E3*HA0000	15.0	37,600	96,000	78	36 x 44 x 69	16 x 15.5	24 x 14	676	23.3	30	
4	YHC048F3*HA0000	15.0	49,930	96,000	79	41 x 53 x 88	33 x 17.5	32 x 17.5	858	29.4	40	
5	YHC060F3*HA0000	15.0	61,000	104,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	917	32.2	45	
YHC - 480/3/80 - Three Phase - High Heat												
3	YHC036E4*HA0000	15.0	37,600	96,000	78	36 x 44 x 69	16 x 15.5	24 x 14	676	23.3	15	
4	YHC048F4*HA0000	15.0	49,930	96,000	79	41 x 53 x 88	33 x 17.5	32 x 17.5	858	29.4	20	
5	YHC060F4*HA0000	15.0	61,000	104,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	917	32.2	20	
YHC - 675/3/80 - Three Phase - High Heat												
3	YHC036EW*HA0000	14.4	37,600	96,000	78	36 x 44 x 69	16 x 15.5	24 x 14	676	7.9	15	
4	YHC048FW*HA0000	15.0	49,930	96,000	79	41 x 53 x 88	33 x 17.5	32 x 17.5	858	9.8	15	
5	YHC060FW*HA0000	15.0	61,000	104,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	917	10.2	15	

(*) Downflow Airflow/Horizontal Airflow

** Dept 9-C-Electromechanical or H-Relco™

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

Packaged Gas/Electric Convertible 3-5 Tons, 14 SEER, R-410A

Table LPG-4-A - Base Unit - 14 SEER - Electromechanical or ReliaTel™

Yr	Unit Ordering No.	Performance SEER	Cooling Capacity (Btu/h)	Heating Output Capacity (kBtu/h)	AFUE*	Cabinet Dimensions (in.) H x W x L	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA**	Max. Fuse**
Y8C - 208/230V/1Ø - Three Phase - Low Heat											
3	YSC036G3*LB0000	14.0	37,000	56,000/80,000	82	41 x 44 x 69	16 x 15.5	24 x 14	577	19.9	30
4	YSC048G3*LB0000	14.0	49,000	66,000/80,000	82	41 x 44 x 69	16 x 15.5	24 x 14	598	25.4	30
5	YSC060G3*LB0000	14.0	60,000	66,000/80,000	82	41 x 44 x 69	16 x 15.5	24 x 14	627	28.2	40
Y8C - 480V/3Ø - Three Phase - Low Heat											
3	YSC036G4*LB0000	14.0	37,000	56,000/80,000	82	41 x 44 x 69	16 x 15.5	24 x 14	577	9.5	15
4	YSC048G4*LB0000	14.0	49,000	56,000/80,000	82	41 x 44 x 69	16 x 15.5	24 x 14	598	11	15
5	YSC060G4*LB0000	14.0	60,000	56,000/80,000	82	41 x 44 x 69	16 x 15.5	24 x 14	627	12	15
Y8C - 675V/3Ø - Three Phase - Low Heat											
3	YSC036GW*LB0000	14.0	37,000	56,000/80,000	82	41 x 44 x 69	16 x 15.5	24 x 14	577	7.6	15
4	YSC048GW*LB0000	14.0	49,000	56,000/80,000	82	41 x 44 x 69	16 x 15.5	24 x 14	598	9.4	15
5	YSC060GW*LB0000	14.0	60,000	56,000/80,000	82	41 x 44 x 69	16 x 15.5	24 x 14	627	9.9	15
Y8C - 208/230V/1Ø - Three Phase - Medium Heat											
3	YSC036G3*MB0000	14.0	37,000	70,000/100,000	82	41 x 44 x 69	16 x 15.5	24 x 14	577	19.9	30
4	YSC048G3*MB0000	14.0	49,000	70,000/100,000	82	41 x 44 x 69	16 x 15.5	24 x 14	598	25.4	30
5	YSC060G3*MB0000	14.0	60,000	70,000/100,000	82	41 x 44 x 69	16 x 15.5	24 x 14	627	28.2	40
Y8C - 480V/3Ø - Three Phase - Medium Heat											
3	YSC036G4*MB0000	14.0	37,000	70,000/100,000	82	41 x 44 x 69	16 x 15.5	24 x 14	577	9.5	15
4	YSC048G4*MB0000	14.0	49,000	70,000/100,000	82	41 x 44 x 69	16 x 15.5	24 x 14	598	11	15
5	YSC060G4*MB0000	14.0	60,000	70,000/100,000	82	41 x 44 x 69	16 x 15.5	24 x 14	627	12	15
Y8C - 675V/3Ø - Three Phase - Medium Heat											
3	YSC036GW*MB0000	14.0	37,000	70,000/100,000	82	41 x 44 x 69	16 x 15.5	24 x 14	577	7.6	15
4	YSC048GW*MB0000	14.0	49,000	70,000/100,000	82	41 x 44 x 69	16 x 15.5	24 x 14	598	9.4	15
5	YSC060GW*MB0000	14.0	60,000	70,000/100,000	82	41 x 44 x 69	16 x 15.5	24 x 14	627	9.9	15
Y8C - 208/230V/1Ø - Three Phase - High Heat											
3	YSC036G3*HB0000	14.0	37,000	84,000/120,000	82	41 x 44 x 69	16 x 15.5	24 x 14	577	19.9	30
4	YSC048G3*HB0000	14.0	49,000	91,000/130,000	82	41 x 44 x 69	16 x 15.5	24 x 14	598	25.4	30
5	YSC060G3*HB0000	14.0	60,000	105,000/150,000	82	41 x 44 x 69	16 x 15.5	24 x 14	627	28.2	40
Y8C - 480V/3Ø - Three Phase - High Heat											
3	YSC036G4*HB0000	14.0	37,000	84,000/120,000	82	41 x 44 x 69	16 x 15.5	24 x 14	577	9.5	15
4	YSC048G4*HB0000	14.0	49,000	91,000/130,000	82	41 x 44 x 69	16 x 15.5	24 x 14	598	11	15
5	YSC060G4*HB0000	14.0	60,000	105,000/150,000	82	41 x 44 x 69	16 x 15.5	24 x 14	627	12	15
Y8C - 675V/3Ø - Three Phase - High Heat											
3	YSC036GW*HB0000	14.0	37,000	84,000/120,000	82	41 x 44 x 69	16 x 15.5	24 x 14	577	7.6	15
4	YSC048GW*HB0000	14.0	49,000	91,000/130,000	82	41 x 44 x 69	16 x 15.5	24 x 14	598	9.4	15
5	YSC060GW*HB0000	14.0	60,000	105,000/150,000	82	41 x 44 x 69	16 x 15.5	24 x 14	627	9.9	15

① Downflow Airflow/Horizontal Airflow

* 14 SEER - Electromechanical or ReliaTel™

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

Packaged Gas/Electric Convertible 6-10 Tons, High Efficiency, R-410A

Table LPG-5-A — Base Unit — High Efficiency — Electromechanical or ReliaTel™

Tons	Unit Ordering No.	Performance EER	Cooling Capacity (Btu/h)	Heating Output ⁽¹⁾ Capacity (Btu/h)	AFUE	Cabinet Dimensions (in.) H x W x L	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA*	Max. Fuse**
YHC - 208/230/310 - Three Phase - Low Heat											
6	YHC072F3*LA0000	14.5	72,000	64,800	80	47 x 53 x 88	33 x 17.5	32 x 17.5	997	33.9	50
8	YHC074F3*LA0000	15.5	92,000	64,800	81	47 x 53 x 88	33 x 17.5	32 x 17.5	1114	37.4	50
7 1/2	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 1/2	YHC102F3*LA0000	14.7	103,000	96,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	42.0	50
10	YHC120F3*LA0000	14.7	119,000	120,000	80	51 x 63 x 100	33 x 17.5	32 x 17.5	1563	50.3	60
YHC - 480/310 - Three Phase - Low Heat											
6	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
8	YHC074F4*LA0000	15.5	73,000	64,800	81	47 x 53 x 88	33 x 17.5	32 x 17.5	1114	18.7	25
7 1/2	YHC092F4*LA0000	14.5	92,000	96,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	19.9	25
8 1/2	YHC102F4*LA0000	14.7	103,000	96,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	19.9	25
10	YHC120F4*LA0000	14.7	119,000	120,000	80	51 x 63 x 100	33 x 17.5	32 x 17.5	1563	24.9	30
YHC - 675/310 - Three Phase - Low Heat											
6	YHC072FW*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 1/2	YHC092FW*LA0000	15.5	92,000	96,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	15.6	20
8 1/2	YHC102FW*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	YHC120FW*LA0000	14.7	119,000	120,000	80	51 x 63 x 100	33 x 17.5	32 x 17.5	1563	18.4	20
YHC - 208/230/310 - Three Phase - Medium Heat											
6	YHC072F3*MA0000	14.5	72,000	96,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	997	33.9	50
8	YHC074F3*MA0000	15.5	73,000	97,200	81	47 x 53 x 88	33 x 17.5	32 x 17.5	1114	37.4	50
7 1/2	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 1/2	YHC102F3*MA0000	14.7	103,000	120,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	42.0	50
10	YHC120F3*MA0000	14.7	119,000	160,000	80	51 x 63 x 100	33 x 17.5	32 x 17.5	1563	50.3	60
YHC - 480/310 - Three Phase - Medium Heat											
6	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
8	YHC074F4*MA0000	15.5	73,000	97,200	81	47 x 53 x 88	33 x 17.5	32 x 17.5	1114	18.7	25
7 1/2	YHC092F4*MA0000	14.5	92,000	120,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	19.9	25
8 1/2	YHC102F4*MA0000	14.7	103,000	120,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	19.9	25
10	YHC120F4*MA0000	14.7	119,000	160,000	80	51 x 63 x 100	33 x 17.5	32 x 17.5	1563	24.9	30
YHC - 675/310 - Three Phase - Medium Heat											
6	YHC072FW*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 1/2	YHC092FW*MA0000	15.5	92,000	120,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	15.6	20
8 1/2	YHC102FW*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	YHC120FW*MA0000	14.7	119,000	160,000	80	51 x 63 x 100	33 x 17.5	32 x 17.5	1563	18.4	20
YHC - 208/230/310 - Single Phase - High Heat											
6	YHC072F3*HA0000	14.5	72,000	120,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	997	33.9	50
8	YHC074F3*HA0000	15.5	73,000	121,500/85,050	81	47 x 53 x 88	33 x 17.5	32 x 17.5	1114	37.4	50
7 1/2	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 1/2	YHC102F3*HA0000	14.7	103,000	160,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	42.0	50
10	YHC120F3*HA0000	14.7	119,000	200,000	80	51 x 63 x 100	33 x 17.5	32 x 17.5	1563	50.3	60
YHC - 208/230/310 - Three Phase - High Heat											
6	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
8	YHC074F4*HA0000	15.5	73,000	121,500/85,050	81	47 x 53 x 88	33 x 17.5	32 x 17.5	1114	18.7	25
7 1/2	YHC092F4*HA0000	14.5	92,000	120,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	19.9	25
8 1/2	YHC102F4*HA0000	14.7	103,000	160,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	19.9	25
10	YHC120F4*HA0000	14.7	119,000	200,000	80	51 x 63 x 100	33 x 17.5	32 x 17.5	1563	24.9	30
YHC - 675/310 - Three Phase - High Heat											
6	YHC072FW*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 1/2	YHC092FW*HA0000	15.5	92,000	120,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	15.6	20
8 1/2	YHC102FW*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	YHC120FW*HA0000	14.7	119,000	200,000	80	51 x 63 x 100	33 x 17.5	32 x 17.5	1563	18.4	20

GD Downflow Airflow/Horizontal Airflow

* Dual S-C=Electromechanical or H=ReliaTel™

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

Packaged Gas/Electric Convertible 6-10 Tons, R-410A

Table LPG-6-A — Base Unit — Standard Efficiency — Electromechanical or ReliaTel™

Unit Ordering No.	Performance ⁽¹⁾ SEER	Cooling Capacity (Btu/h)	Heating Output ⁽¹⁾ Capacity (Btu/h)	AFUE ⁽²⁾	Cabinet Dimensions (in.) H x W x L	Downflow Supply	Downflow Return	Shipping Weight (lb.)	MCA ⁽³⁾	Max. Fuse ⁽⁴⁾
YBC -208-280/80 - Three Phase - Low Heat										
6 YBC072F3*LA0000	13.0	75,000	64,800	80	41 x 53 x 89	33 x 17.5	32.13 x 17.5	936	36.5	50
7½ YBC090F3*LA0000	12.2	89,000	96,000	80	41 x 53 x 89	33 x 17.5	32.13 x 17.5	916	38.2	50
7½ YBC092F3*LA0000	13.0	94,000	97,200	80	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1059	41.2	50
8½ YBC102F3*LA0000	12.8	102,000	97,200	80	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1086	46.3	50
10 YBC120F3*LA0000	13.0	118,000	121,500	80	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1156	49.6	50
YBC -480/960 - Three Phase - Low Heat										
6 YBC072F4*LA0000	13.0	75,000	64,800	80	41 x 53 x 89	33 x 17.5	32.13 x 17.5	936	18.2	25
7½ YBC090F4*LA0000	12.2	89,000	96,000	80	41 x 53 x 89	33 x 17.5	32.13 x 17.5	916	19.5	30
7½ YBC092F4*LA0000	13.0	94,000	97,200	80	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1059	21.5	25
8½ YBC102F4*LA0000	12.8	102,000	97,200	80	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1086	21.9	25
10 YBC120F4*LA0000	13.0	118,000	121,500	80	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1156	22.7	35
YBC -576/960 - Three Phase - Low Heat										
6 YBC072FW*LA0000	13.0	75,000	64,800	80	41 x 53 x 89	33 x 17.5	32.13 x 17.5	936	12.7	20
7½ YBC090FW*LA0000	12.2	89,000	96,000	80	41 x 53 x 89	33 x 17.5	32.13 x 17.5	916	14.7	20
7½ YBC092FW*LA0000	13.0	94,000	97,200	80	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1059	15.9	20
8½ YBC102FW*LA0000	12.8	102,000	97,200	80	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1086	17.5	20
10 YBC120FW*LA0000	13.0	118,000	121,500	80	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1156	18.9	25
YBC -208-280/80 - Three Phase - Medium Heat										
6 YBC072F3*MA0000	13.0	75,000	97,200	80	41 x 53 x 89	33 x 17.5	32.13 x 17.5	936	36.5	50
7½ YBC090F3*MA0000	12.2	89,000	120,000	80	41 x 53 x 89	33 x 17.5	32.13 x 17.5	916	38.2	50
7½ YBC092F3*MA0000	13.0	94,000	121,500	80	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1059	41.2	50
8½ YBC102F3*MA0000	12.8	102,000	121,500	80	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1086	46.3	50
10 YBC120F3*MA0000	13.0	118,000	121,500	80	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1156	49.6	50
YBC -480/960 - Three Phase - Medium Heat										
6 YBC072F4*MA0000	13.0	75,000	97,200	80	41 x 53 x 89	33 x 17.5	32.13 x 17.5	936	18.2	25
7½ YBC090F4*MA0000	12.2	89,000	120,000	80	41 x 53 x 89	33 x 17.5	32.13 x 17.5	916	19.5	30
7½ YBC092F4*MA0000	13.0	94,000	121,500	80	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1059	21.5	25
8½ YBC102F4*MA0000	12.8	102,000	121,500	80	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1086	21.9	25
10 YBC120F4*MA0000	13.0	118,000	121,500	80	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1156	22.7	35
YBC -576/960 - Three Phase - Medium Heat										
6 YBC072FW*MA0000	13.0	75,000	97,200	80	41 x 53 x 89	33 x 17.5	32.13 x 17.5	936	12.7	20
7½ YBC090FW*MA0000	12.2	89,000	120,000	80	41 x 53 x 89	33 x 17.5	32.13 x 17.5	916	14.7	20
7½ YBC092FW*MA0000	13.0	94,000	121,500	80	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1059	15.9	20
8½ YBC102FW*MA0000	12.8	102,000	121,500	80	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1086	17.5	20
10 YBC120FW*MA0000	13.0	118,000	121,500	80	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1156	18.9	25
YBC -208-280/80 - Three Phase - High Heat										
6 YBC072F3*HA0000	13.0	75,000	121,500	80	41 x 53 x 89	33 x 17.5	32.13 x 17.5	936	36.5	50
7½ YBC090F3*HA0000	12.2	89,000	150,000	80	41 x 53 x 89	33 x 17.5	32.13 x 17.5	916	38.2	50
7½ YBC092F3*HA0000	13.0	94,000	162,000	80	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1059	41.2	50
8½ YBC102F3*HA0000	12.8	102,000	162,000	80	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1086	46.3	50
10 YBC120F3*HA0000	13.0	118,000	205,500	80	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1156	49.6	50
YBC -480/960 - Three Phase - High Heat										
6 YBC072F4*HA0000	13.0	75,000	121,500	80	41 x 53 x 89	33 x 17.5	32.13 x 17.5	936	18.2	25
7½ YBC090F4*HA0000	12.2	89,000	150,000	80	41 x 53 x 89	33 x 17.5	32.13 x 17.5	916	19.5	30
7½ YBC092F4*HA0000	13.0	94,000	162,000	80	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1059	21.5	25
8½ YBC102F4*HA0000	12.8	102,000	162,000	80	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1086	21.9	25
10 YBC120F4*HA0000	13.0	118,000	205,500	80	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1156	22.7	35
YBC -576/960 - Three Phase - High Heat										
6 YBC072FW*HA0000	13.0	75,000	121,500	80	41 x 53 x 89	33 x 17.5	32.13 x 17.5	936	12.7	20
7½ YBC090FW*HA0000	12.2	89,000	150,000	80	41 x 53 x 89	33 x 17.5	32.13 x 17.5	916	14.7	20
7½ YBC092FW*HA0000	13.0	94,000	162,000	80	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1059	15.9	20
8½ YBC102FW*HA0000	12.8	102,000	162,000	80	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1086	17.5	20
10 YBC120FW*HA0000	13.0	118,000	205,500	80	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1156	18.9	25

Note: YBC090 and YBC102 units do not meet 2018 DOE requirements and will be sold while supplies last.

(1) Downflow Airflow/Horizontal Airflow

(2) SEER applies, 3-5 tons; EER applies 5-10 tons.

(3) Dept 9-C-Electromechanical or H-ReliaTel™.

(4) Information subject to change. Please confirm with current Product Data/Service Facts 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.

Packaged Gas/Electric Convertible 3-10 Tons (Model Digit Numbers)

Digit	Description	Order Number	Digit	Description	Order Number
1-8	Main Assembly (see previous page)		20	Convenience Outlet	
8	Unit Controls			No Convenience Outlet	0
	Electromechanical	E		Unpowered Convenience Outlet	A
	ReliaTail™ Micro-processor	R		Powered Convenience Outlet (three-phase only)	B
10	Heating Capacity		21	Communications Options	
	Low	L		No Communications Interface	0
	Medium	M		Novar 2024 Controls	3
	High	H		Novar 3051 Controls without Zone Sensor	4
	Low - Stainless Steel Heat Exchanger	X		Novar 3051 Controls Interface with DCV	5
	Medium - Stainless Steel Heat Exchanger	Y		BACnet™ Communications Interface	6
	High - Stainless Steel Heat Exchanger	Z	22	Refrigeration System Option	
11	Minor Design Sequence			Standard Refrigeration System	0
	First Sequence	A		Dehumidification Option	B
12-13	Service Sequence		23	Refrigeration Controls	
	First Sequence (Factory assigned)	**		Note: Applicable to Digit 7 = E, F	
14	Fresh Air Selection			No Refrigeration Control	0
	No Fresh Air	0		Froststat	1
	Manual Outside Air Damper 0-50%/0	A		Crankcase Heater	2
	Motorized Outside Air Damper 0-50%/0	B		Froststat and Crankcase Heater	3
	Economizer, Dry Bulb 0-100% without Barometric Relief	C	24	Smoke Detector	
	Economizer, Dry Bulb 0-100% with Barometric Relief	D		No Smoke Detector	0
	Economizer, Reference Enthalpy 0-100% without Barometric Relief	E		Return Air Smoke Detector	A
	Economizer, Reference Enthalpy 0-100% with Barometric Relief	F		Supply Air Smoke Detector	B
	Economizer, Comparative Enthalpy 0-100% without Barometric Relief	G		Supply and Return Air Smoke Detectors	C
	Economizer, Comparative Enthalpy 0-100% with Barometric Relief	H		Pleum Smoke Detector	D
	Low Leak Economizer, Dry Bulb with Barometric Relief	J	25	System Monitoring Controls	
	Low Leak Economizer, Comparative Enthalpy with Barometric Relief	M		No Monitoring Controls	0
	Low Leak Economizer, Reference Enthalpy with Barometric Relief	P		Clogged Filter Switch	1
15	Supply Fan/Drive Type/Motor			Fan Failure Switch	2
	Standard Drive	0		Discharge Air Sensing Tube	3
	Overized Motor	1		Clogged Filter Switch and Fan Failure Switch	4
	Optional Belt Drive Motor	2		Clogged Filter Switch and Discharge Air Sensing Tube	5
	Single Zone VAV	3		Fan Failure Switch and Discharge Air Sensing Tube	6
	Multi-Speed Indoor Fan	4		Clogged Filter Switch, Fan Failure Switch and Discharge Air Sensing Tube	7
	VAV Supply Air Temperature Control Standard Motor	E		Novar Return Air Sensor (NOVAR 2024)	8
18	Hinged Service Access/Filter			Novar Zone Temp Sensor (NOVAR 3051)	9
	Standard Panels/Standard Filters	0		Condensate Drain Pan Overflow Switch	A
	Hinged Access Panels/Standard Filters	A		Clogged Filter Switch and Condensate Drain Pan Overflow Switch	B
	Standard Panels/2" MERV 8 Filters	B		Fan Failure Switch and Condensate Drain Pan Overflow Switch	C
	Hinged Access Panels/2" MERV 8 Filters	C		Discharge Air Sensing and Condensate Drain Pan Overflow Switch	D
	Standard Panels/2" MERV 13 Filters	D		Clogged Filter Switch, Fan Failure Switch and Condensate Drain Pan Overflow Switch	E
	Hinged Access Panels/2" MERV 13 Filters	E		Clogged Filter Switch, Discharge Air Sensing Tube and Condensate Drain Pan Overflow Switch	F
17	Condenser Coil Protection			Fan Failure Switch, Discharge Air Sensing Tube and Condensate Drain Pan Overflow Switch	G
	Standard Coil	0		Clogged Filter Switch, Fan Failure Switch, Discharge Air Sensing and Condensate Drain Pan Overflow Switch	H
	Standard Coil with Hail Guard	1	26	System Monitoring Controls	
	Black Epoxy Pre-Coated Condenser Coil	2		No Monitoring Controls	0
	Black Epoxy Pre-Coated Condenser Coil with Hail Guard	3		Demand Control Ventilation (DCV)	A
	CompleteCoat™ Condenser Coil	4		Fault Detection and Diagnostics (FDD)	B
	CompleteCoat™ Condenser Coil with Hail Guard	5		Fault Detection and Diagnostics (FDD) with Demand Control Ventilation	C
18	Through the Base Provisions		27	Unit Hardware Enhancements	
	Note: Applicable to Digit 1, T or Y models			No Enhancements	0
	Not Through the Base Provisions	A		Stainless Steel Drain Pan	1
	Through the Base Electric	B	31	Advanced Unit Controls	
	Note: Applicable to Digit 1, Y models only			Standard Unit Controls	0
	Through the Base Gas Piping	B		Human Interface	1
	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			

See footnotes (A) through (E).

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

Packaged Gas/Electric Convertible 3-10 Tons (Model Digit Numbers)

- ⓐ Available on 3-5 ton models.
- ⓑ Standard on 4-5 ton ES-A-W and 5-10 ton Heat Pumps and all high efficiency models.
- ⓒ Not available with electromechanical controls.
- ⓓ Manual outside air damper will ship factory supplied within the unit, but must be field installed.
- ⓔ High pressure control is standard on all units.
- ⓕ On 3-5 ton, multiphase direct drive is standard on single phase and 15 SCFH. On 5-10 ton, multiphase direct drive is standard on all 10 ton and 7.5-8.5 ton high efficiency dual drive is standard on all other units.
- ⓖ Economizer with Barometric Relief is for downflow configured units only. Cross Economizer without Barometric Relief for horizontal configuration. Barometric Relief for horizontal configured units must be ordered as field installed accessory.
- ⓗ Through the base electric required when ordering disconnect/breaker options.
- ⓓ Requires use of Disconnect or Circuit Breaker.

Digit 15 = 0

Standard Efficiency

- 1 Phase = High Efficiency Multiphase Direct Drive Motor
- 2 Phase (3-5 ton) = Dual Drive
- 2 Phase (10 ton) = Ultra High Efficiency Direct Drive Phoenix Fan

High Efficiency

- 1 Phase = High Efficiency Multiphase Direct Drive Motor
- 2 Phase (3-5 ton) = High Efficiency Multiphase Direct Drive Motor
- 2 Phase (3-5 ton w/Dehumidification) = Dual Drive Motor
- 2 Phase (7.5-10 ton) = Ultra High Efficiency Direct Drive Phoenix Fan

Not Available

- Standard Efficiency: 10 ton w/5/5W
- High Efficiency: 3-5 ton w/Standard Inverter Motor w/REW

- ⓐ Standard metering device are EXV's.
- ⓑ Flood control be field installed in electro-mechanical units.
- ⓒ The return air smoke detector may not fit up or work properly on the Pressurestat unit when used in conjunction with 3rd party accessories such as built on heat wheels, economizers and power exhaust. Do not order the return air smoke detectors when using this type of accessory.
- ⓓ Return Air Smoke Detector cannot be ordered with Novus Controls.
- ⓔ These options are standard when ordering Novus Controls.
- ⓕ This option is used when ordering Novus Controls.
- ⓖ Includes gas piping and shutoff (field assembly required).
- ⓗ Not available with high temperature start sensor accessory.
- ⓓ Digit 15 = 2
- ⓔ Novus Sensor utilized with Digit 27 = (4) Novus 2021 Controls without Zone Sensor.
- ⓕ Available for 1/2 10 ton standard efficiency models only.
- ⓖ Available for 1/2 3, 4, 5, 6, 7, 8, 9, 10 ton standard high efficiency models only.
- ⓗ Requires selection of 2" Pressurestat (see Digit 12 or C) for Digit 15.
- ⓓ Not available on 8 ton units and all single phase (a standard efficiency).
- ⓔ Standard unit 1/2 SCFH, 7% gas pressure drop maximum, 24", 10 ton standard efficiency models and 1/2 SCFH, 5, 6, 7% ton high efficiency models (except for subtransmission models).
- ⓕ Supply coil and return coil heliport options are not available for units with electrothermal condenser coil.
- ⓖ Single Zone VAV is only available on 7.5-10 ton high efficiency and 10 ton standard efficiency products with Helical™ controls.
- ⓗ Multi-speed motor fan available only on 7.5 & 8.5 ton high efficiency and 10 ton products with Helical™ controls.
- ⓔ Multizone Variable Air Damper is not available on Multi-Speed or SZVAV (Single Zone Variable Air Volume) products.
- ⓕ Flood standard on Multi-Speed and SZVAV (Single Zone Variable Air Volume) products.
- ⓖ Flood is not available with SZVAV products.
- ⓗ Demand Control Ventilation not available with electromechanical controls.
- ⓔ Demand Control Ventilation Option includes wiring only. The CO₂ sensor is a field-installed only option.
- ⓕ When ordering Dehumidification option, digit #7 will reset back to 0, not 1.

Packaged Gas/Electric Convertible 3-10 Tons Accessories

Table LPG-5-A — Accessories

Model Number	Description	Used With ⁽¹⁾
BAYABRD001C00	ReliaTel™ Options Module	All Y" C036-120"
BAYASCT001C00	Anti-Short-Cycle Timer	All Y" C036-120" w/ Electro Mechanical
BAYBARM010A00	Barometric Relief	YSC036, YHC036, YHC037
BAYBARM011A00	Barometric Relief	YSC048-120, YHC047-120
BAYBCIR001A	BACnet™ Communication Interface	All Y" C036-120" w/ ReliaTel™
BAYCURB042A00	Roof Curb	YSC036-060, YHC036, YHC037
BAYCURB043A00	Roof Curb	YSC072-120, YHC047-102
BAYCURB044A	Roof Curb	YHC120F
BAYDFPS003B00	Clogged Filter Switch	All Y" C036-120"
BAYDFPS014A	Clogged Filter Switch (MERV 13 Filter)	All Y" C036-120"
BAYDFPS004000	Fan Failure Switch	All Y" C036-120"
BAYDMPR053B00	0-50% Manual Outside Air Damper	YSC036, YHC036, YHC037
BAYDMPR056B00	0-50% Manual Outside Air Damper	YSC048-120, YHC047-120
BAYDMPR051A00	0-50% Motorized Outside Air Damper	YSC036, YHC036, YHC037 (ReliaTel™)
BAYDMPR052B00	0-50% Motorized Outside Air Damper	YSC036, YHC036 (Electro Mechanical)
BAYDMPR054A00	0-50% Motorized Outside Air Damper	YSC048-120, YHC047-120 (ReliaTel™)
BAYDMPR055B00	0-50% Motorized Outside Air Damper	YSC048-120, YHC048-120 (Electro Mechanical)
BAYECON085A00	0-100% Dry Bulb Economizer	YSC036, YHC036, YHC037 (ReliaTel™)
BAYECON086B00	0-100% Dry Bulb Economizer	YSC036-060, YHC036 (Electro Mechanical)
BAYECON087A00	0-100% Dry Bulb Economizer	YSC048-120, YHC047-120 (ReliaTel™)
BAYECON088B00	0-100% Dry Bulb Economizer	YSC048-120, YHC048-120 (Electro Mechanical)
BAYECON704A	Downflow Low Leak Economizer	YSC048-120, YHC047-120 (ReliaTel™)
BAYECON705B	Downflow Low Leak Economizer	YSC036, YHC036, YHC037 (ReliaTel™)
BAYENTH300A	Reference Enthalpy Kit (Solid State)	BAYECON086A, 088A (Electro-Mechanical)
BAYENTH301A	Comparative Enthalpy Kit (Solid State)	BAYECON086A, 088A (Electro-Mechanical)
BAYENTH005A00	Reference Enthalpy Kit	BAYECON086A, 087A (ReliaTel™)
BAYENTH006B00	Comparative Enthalpy Kit	BAYECON086A, 087A (ReliaTel™)
BAYFRST003A00	High Temperature Stat	All Y" C036-120"
BAYGARD037C	Condenser Coil Half Guard	YHC036, YHC037
BAYGARD040C	Condenser Coil Half Guard	YSC072-060, YHC047-067
BAYGARD041C	Condenser Coil Half Guard	YSC082-120
BAYGARD070A	Condenser Coil Half Guard	YHC120
BAYGARD137A	Condenser Coil Half Guard	YSC036-060
BAYGARD141A	Condenser Coil Half Guard	YHC072-102
BAYHAKT011A	High Altitude Kit	YSC036-060G
BAYHAKT010E	High Altitude Kit	YSC072-120, YHC036-120

⁽¹⁾ Kits contain all necessary parts to achieve desired level of enthalpy control.

⁽²⁾ Lynx Haven Manufacturing has a No-Return policy for this roof curb.

⁽³⁾ For use with ReliaTel™ controlled units only.

⁽⁴⁾ Cannot be used in conjunction with factory installed Smoke Detector option.

⁽⁵⁾ Install in ductwork for horizontal configuration. For downflow configuration, it installs in the unit's horizontal return duct. See Installer's Guide for more information.

⁽⁶⁾ BAYADH0201C is required when ordering field installed accessories Clogged Filter Switch (BAYDFPS014A), Fan Fail Switch (BAYDFPS004A), Discharge Air Sensing Kit (BAYTDS004A or BAYTDS005A) or Evaporator Defrost Control (Froststat) (BAYLCAM0200) Ventilation Outside Kit (BAYVNO007B) unless the following options are factory installed: Froststat, Smoke Detector, Clogged Filter Switch, Fan Failure Switch, Discharge Air Sensing Kit. These factory installed options include the ReliaTel™ Options Module.

⁽⁷⁾ Electro-mechanical controlled units only.

⁽⁸⁾ Activated on Power on.

⁽⁹⁾ Field installed accessory. Requires an economizer.

⁽¹⁰⁾ The manual outside air damper will ship factory supplied within the unit, but must be field installed.

⁽¹¹⁾ A-11-22, C-410A

Packaged Gas/Electric Convertible 3-10 Tons Accessories

Table LPG-10-A — Accessories

Model Number	Description	Used With*
BAYHSM70B2A	2 HP Oversized motor kit (208-230/460V)	YSC072F, 4
BAYHSM70B3A	2 HP Oversized motor kit (575V)	YSC072F
BAYHSM70B4A	2 HP Oversized motor kit	YHC072F3, 4
BAYHSM70B6A	3 HP Oversized motor kit (208-230/460V)	YSC090-102F3, 4
BAYHSM70B7A	3 HP Oversized motor kit (575V)	YSC090-102F
BAYLSOR009A	Low Static Drive Kit	YHC072F
BAYHSOR012A	High Static Drive Kit	YSC072F
BAYLMSW001A	Power Exhaust Limit Switch	All Y/C036-120*
BAYLOAM020B10	Evaporator Defrost Control (Froststat)	YHC036-067E/R
BAYLOAM120A	Evaporator Defrost Control (Froststat)	YSC036-060G/R (ReliaTel™)
BAYLTIC002B0	LonTalk® Communications Interface (LCI)	All Y/C036-120*, R (ReliaTel™)
BAYLPKT029D	LP Conversion Kit	YSC036-060/LMH, YSC072H, YSC090-102/MH, YSC120/L/MH, YHC072H, YHC090-102/MH, YHC120/L/MH
BAYLPKT050C	LP Conversion Kit	YSC072/LM, YSC090-102/L, YHC036-0060/LMH, YHC072/LM, YHC090-102/L
BAYPWRX026A	Power Exhaust (208-230/3 VAC)	YSC072-120/3, YHC047-120/3
BAYPWRX027A	Power Exhaust (460/3 VAC)	YSC072-120/4, YHC047-120/4
BAYPWRX028A	Power Exhaust (575/3 VAC)	YSC072-120/W, YHC047-120/W
BAYPWRX070A	Power Exhaust (208-230/3 VAC)	YSC036-080/3, YHC036/3, YHC037/3
BAYPWRX071A	Power Exhaust (460/3 VAC)	YSC036-080/4, YHC036/4, YHC037/4
BAYPWRX072A	Power Exhaust (575/3 VAC)	YSC036-080/W
BAYQACB009A000	Quick Adapt Roof Curb	YSC036-060, YHC036, YHC037
BAYQACB010A000	Quick Adapt Roof Curb	YSC036-060, YHC036, YHC037
BAYQACB011A000	Quick Adapt Roof Curb	YSC072-120, YHC047-102
BAYQACB012A000	Quick Adapt Roof Curb	YSC072-120, YHC047-102
BAYQACB013A000	Quick Adapt Roof Curb	YSC072-120, YHC047-102
BAYRTM001A0	Fully Featured ReliaTel™ Economizer Logic Model	All Y/C036-120*
BAYSENS016A0	Temperature Sensor	All Y/C036-120*
BAYSENS250A30	CO2 Duct Mounted, Sensor Only	All Y/C036-120*, R (ReliaTel™)
BAYSENS251A30	CO2 Wall Mounted, Sensor Only	All Y/C036-120*, R (ReliaTel™)
BAYSERV001A0	Selective Resistance Service Tester	All Y/C036-120*
BAYSTAT023A	Remote Stat/Thermostat	All Y/C036-120*
BAYTUBE004A/0000	Discharge Air Sensing Kit	YHC036-037/R
BAYTUBE006A/0000	Discharge Air Sensing Kit	YSC072-102/R, YHC047-072/R
BAYTUBE104A	Discharge Air Sensing Kit	YSC036-060/R
BAYTUBE400A	Discharge Air Sensing Kit	YSC120/R
BAYTUBE402A	Discharge Air Sensing Kit	YHC120/R
BAYVNCRC0120000	Ventilation Override Kit	All Y/C036-120*

(*) For use with ReliaTel™ microprocessor controlled units only. Must be factory installed for electromechanical controlled units.

(1) Used for true discharge air sensing in both heating and cooling. Required for supply air tempering.

(2) Lynn Haven Manufacturing has a No-Return policy for this roof curb.

(3) For use with ReliaTel™ controlled units only.

(4) BAYASH001C is required when ordering field installed accessories: Clogged Filter Switch (BAYCFF0500A), Fan Fail Switch (BAYOFF0500A), Discharge Air Sensing Kit (BAYTUBE004A or BAYTUBE006A) or Evaporator Defrost Control (Froststat) (BAYLOAM020B) Ventilation Override Kit (BAYVNCRC0120000) unless the following options are factory installed: Froststat, Remote Defroster, Clogged Filter Switch, Fan Failure Switch, Discharge Air Sensing Kit. **These factory installed options include the ReliaTel™ Options Module.**

(5) BAYQACB009A accepts Voyager BAYCUB02210 to accept (Precedent 3-5 ton unit), BAYQACB011A accepts Voyager BAYCUB02250 to accept (Precedent 5-10 ton unit), BAYQACB012A accepts Voyager BAYCUB02250 to accept (Precedent 5-10 ton unit), BAYQACB013A accepts Voyager BAYCUB02250 to accept (Precedent 5-10 ton unit).

(6) Interface allows 5-10 ton units with ReliaTel™ Controls to communicate with tracer 100, tracer, Verifrac II, and is the preferred method of communication to Tracer Systems.

(7) Power Exhaust cannot be used with Stormwater Relief. Order Stormwater relief, Stormwater Relief.

(8) Field installed accessory. Requires an economizer.

(9) A-10-22, C-4-T04

(10) When installing a field installed power exhaust on a unit with electromechanical controls, BAYLMSW001A must be ordered.

(11) If any section of compressor or refrigerant cylinder is damaged, BAYH00001A does not need to be ordered.

(12) Order only when unit has factory installed Demand Control Ventilation option.

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
ASYSSTAT106A	Single Setpoint Manual Changeover	Y"CD36-120", R
ASYSSTAT107A	Single Setpoint	Y"CD36-120", R
ASYSSTAT108A	Dual Setpoint Manual or Auto Changeover	Y"CD36-120", R
ASYSSTAT109A	Dual Setpoint Changeover Sensor	Y"CD36-120", R
ASYSSTAT111A	Remote Room Sensor	Y"CD36-120", R
ASYSSTAT777A	Programmable Night Setback w/System Function Lights (Vertical Style)	Y"CD36-120", R
ASYSSTAT708A	Programmable Night Setback w/System Function Lights	Y"CD36-120", R
ASYSSTAT710A	Wall Mounted Humidity Sensor	Y"CD36-120"
ASYSSTAT711A	Duct Mounted Humidity Sensor	Y"CD36-120"
BAYMTP1110A	Retrofit Wall Cover Plate KR 7.25" x 6.0"	ASYSSTAT666C
BAYSENS024A	Title 24 Zone Sensor ⁽¹⁾	All

⁽¹⁾ Must be used with ReliaTel™ Controls and BCI Communications Interface

Read Only

For additional Controls Information:
 See ReliaTel™ and Micro Control features on LPC-12 and LPC-13.



12½ - 25 Ton YHD-G — Downflow
 12½ - 25 Ton YHH-G — Horizontal

Packaged Gas/Electric with ReliaTel™ Controls 12½-25 Tons, R-410A

- Scroll compressors on all units
- ReliaTel™ control features are listed on page LPG-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
- Slanted sheet 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 (Btu/h)	Heating Output Capacity (Btu/h)	Dimensions (in.) H x W x L	Shipping Weight (lbs.)	MCA ⁽²⁾	Max Fuse Size or Max Circuit Breaker ⁽³⁾	Downflow ⁽⁴⁾	Recovery
YH* - Three Phase Low Heat											
12½	YH150G3RLB0000	208-230/3/60	13.5	144,000	120,000	54 x 85½ x 122½	2691	85	90	BAYCURB027B	
15	YH180G3RLB0000	208-230/3/60	14.0	174,000	200,000	64½ x 85½ x 122½	2660	66	90	BAYCURB027B	
17½	YH210G3RLB0000	208-230/3/60	13.0	204,000	200,000	64½ x 85½ x 122½	2619	86	110	BAYCURB027B	
20	YH240G3RLB0000	208-230/3/60	12.4	234,000	200,000	64½ x 85½ x 122½	2690	99	125	BAYCURB027B	
25	YH300G3RLB0000	208-230/3/60	12.4	274,000	200,000	64½ x 85½ x 122½	2719	121	150	BAYCURB027B	
12½	YH150G4RLB0000	460/3/60	13.5	144,000	120,000	54 x 86½ x 122½	2691	30	40	BAYCURB027B	
15	YH180G4RLB0000	460/3/60	14.0	174,000	200,000	64½ x 86½ x 122½	2660	33	45	BAYCURB027B	
17½	YH210G4RLB0000	460/3/60	13.0	204,000	200,000	64½ x 86½ x 122½	2619	43	60	BAYCURB027B	
20	YH240G4RLB0000	460/3/60	12.4	234,000	200,000	64½ x 86½ x 122½	2690	46	60	BAYCURB027B	
25	YH300G4RLB0000	460/3/60	12.4	274,000	200,000	64½ x 86½ x 122½	2719	57	70	BAYCURB027B	
12½	YH150GWRLB0000	575/3/60	13.5	144,000	120,000	54 x 86½ x 122½	2691	24	30	BAYCURB027B	
15	YH180GWRLB0000	575/3/60	14.0	174,000	200,000	64½ x 86½ x 122½	2660	26	35	BAYCURB027B	
17½	YH210GWRLB0000	575/3/60	13.0	204,000	200,000	64½ x 86½ x 122½	2619	33	45	BAYCURB027B	
20	YH240GWRLB0000	575/3/60	12.4	234,000	200,000	64½ x 86½ x 122½	2690	38	50	BAYCURB027B	
25	YH300GWRLB0000	575/3/60	12.4	274,000	200,000	64½ x 86½ x 122½	2719	44	60	BAYCURB027B	
YH* - Three Phase High Heat											
12½	YH150G3RHB0000	208-230/3/60	13.5	144,000	200,000	54 x 85½ x 122½	2691	65	90	BAYCURB027B	
15	YH180G3RHB0000	208-230/3/60	14.0	174,000	280,000	64½ x 85½ x 122½	2660	66	90	BAYCURB027B	
17½	YH210G3RHB0000	208-230/3/60	13.0	204,000	280,000	64½ x 85½ x 122½	2619	86	110	BAYCURB027B	
20	YH240G3RHB0000	208-230/3/60	12.4	234,000	320,000	64½ x 85½ x 122½	2690	99	125	BAYCURB027B	
25	YH300G3RHB0000	208-230/3/60	12.4	274,000	320,000	64½ x 85½ x 122½	2719	121	150	BAYCURB027B	
12½	YH150G4RHB0000	460/3/60	13.5	144,000	200,000	54 x 86½ x 122½	2691	30	40	BAYCURB027B	
15	YH180G4RHB0000	460/3/60	14.0	174,000	280,000	64½ x 86½ x 122½	2660	33	45	BAYCURB027B	
17½	YH210G4RHB0000	460/3/60	13.0	204,000	280,000	64½ x 86½ x 122½	2619	43	60	BAYCURB027B	
20	YH240G4RHB0000	460/3/60	12.4	234,000	320,000	64½ x 86½ x 122½	2690	46	60	BAYCURB027B	
25	YH300G4RHB0000	460/3/60	12.4	274,000	320,000	64½ x 86½ x 122½	2719	57	70	BAYCURB027B	
12½	YH150GWRHB0000	575/3/60	13.5	144,000	200,000	54 x 86½ x 122½	2691	24	30	BAYCURB027B	
15	YH180GWRHB0000	575/3/60	14.0	174,000	280,000	64½ x 86½ x 122½	2660	26	35	BAYCURB027B	
17½	YH210GWRHB0000	575/3/60	13.0	204,000	280,000	64½ x 86½ x 122½	2619	33	45	BAYCURB027B	
20	YH240GWRHB0000	575/3/60	12.4	234,000	320,000	64½ x 86½ x 122½	2690	38	50	BAYCURB027B	
25	YH300GWRHB0000	575/3/60	12.4	274,000	320,000	64½ x 86½ x 122½	2719	44	60	BAYCURB027B	

(1) For Downflow units only.

(2) 216,000 in the Horizontal airflow configuration.

(3) Downflow/Horizontal.

(4) Digit 3 D=Downflow or H=Horizontal.

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

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



12½ - 25 Ton YSD-F — Downflow
 12½ - 25 Ton YSH-F — Horizontal

Packaged Gas/Electric with ReliaTel™ Controls 12½-25 Tons, R-410A

- 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 static 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
- Slanted sheet 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-13-A — Standard Efficiency ReliaTel™ Units (R-410A)

Tons	Unit Model No.	Power Supply Volts/Phases	Performance EER	Capacity (Btu/h)	Cooling Capacity (Btu/h)	Heating Output Dimensions (in.) H x W x L	Shipping Weight (lb.)	MCA**	Max Fuse Size or Max Circuit Breaker**	Downflow**
Y8* - Three Phase Low Heat										
12½	YS*150G3RLA0000	208-230/3/60	12.2	140,000	122,000	50½" x 71½" x 107½"	1781	61	80	BAYCURB026B
15	YS*180G3RLA0000	208-230/3/60	12.2	176,000	203,000	54 x 85½" x 122½"	2261	69	90	BAYCURB027B
17½	YS*210G3RLA0000	208-230/3/60	12.2	193,000	203,000	54 x 85½" x 122½"	2292	77	100	BAYCURB027B
20	YS*240G3RLA0000	208-230/3/60	11.4	240,000	203,000	54 x 85½" x 122½"	2353	105	125	BAYCURB027B
25	YS*300G3RLA0000	208-230/3/60	11.4	272,000	203,000	54 x 85½" x 122½"	2337	112	150	BAYCURB027B
12½	YS*150G4RLA0000	460/3/60	12.2	140,000	122,000	50½" x 71½" x 107½"	1781	29	40	BAYCURB026B
15	YS*180G4RLA0000	460/3/60	12.2	176,000	203,000	54 x 85½" x 122½"	2261	36	50	BAYCURB027B
17½	YS*210G4RLA0000	460/3/60	12.2	193,000	203,000	54 x 85½" x 122½"	2292	39	50	BAYCURB027B
20	YS*240G4RLA0000	460/3/60	11.4	240,000	203,000	54 x 85½" x 122½"	2353	51	70	BAYCURB027B
25	YS*300G4RLA0000	460/3/60	11.4	272,000	203,000	54 x 85½" x 122½"	2337	55	70	BAYCURB027B
12½	YS*150GWRLA0000	575/3/60	12.2	140,000	122,000	50½" x 71½" x 107½"	1781	22	30	BAYCURB026B
15	YS*180GWRLA0000	575/3/60	12.2	176,000	203,000	54 x 85½" x 122½"	2261	30	40	BAYCURB027B
17½	YS*210GWRLA0000	575/3/60	12.2	193,000	203,000	54 x 85½" x 122½"	2292	34	45	BAYCURB027B
20	YS*240GWRLA0000	575/3/60	11.4	240,000	203,000	54 x 85½" x 122½"	2353	43	60	BAYCURB027B
25	YS*300GWRLA0000	575/3/60	11.4	272,000	203,000	54 x 85½" x 122½"	2337	45	60	BAYCURB027B
Y8* - Three Phase High Heat										
12½	YS*150G3RHA0000	208-230/3/60	12.2	140,000	203,000	50½" x 71½" x 107½"	1781	61	80	BAYCURB026B
15	YS*180G3RHA0000	208-230/3/60	12.2	176,000	284,000	54 x 85½" x 122½"	2261	69	90	BAYCURB027B
17½	YS*210G3RHA0000	208-230/3/60	12.2	193,000	284,000	54 x 85½" x 122½"	2292	77	100	BAYCURB027B
20	YS*240G3RHA0000	208-230/3/60	11.4	240,000	324,000	54 x 85½" x 122½"	2353	105	125	BAYCURB027B
25	YS*300G3RHA0000	208-230/3/60	11.4	272,000	324,000	54 x 85½" x 122½"	2337	112	150	BAYCURB027B
12½	YS*150G4RHA0000	460/3/60	12.2	140,000	203,000	50½" x 71½" x 107½"	1781	29	40	BAYCURB026B
15	YS*180G4RHA0000	460/3/60	12.2	176,000	284,000	54 x 85½" x 122½"	2261	36	50	BAYCURB027B
17½	YS*210G4RHA0000	460/3/60	12.2	193,000	284,000	54 x 85½" x 122½"	2292	39	50	BAYCURB027B
20	YS*240G4RHA0000	460/3/60	11.4	240,000	324,000	54 x 85½" x 122½"	2353	51	70	BAYCURB027B
25	YS*300G4RHA0000	460/3/60	11.4	272,000	324,000	54 x 85½" x 122½"	2337	55	70	BAYCURB027B
12½	YS*150GWRHA0000	575/3/60	12.2	140,000	203,000	50½" x 71½" x 107½"	1781	22	30	BAYCURB026B
15	YS*180GWRHA0000	575/3/60	12.2	176,000	284,000	54 x 85½" x 122½"	2261	30	40	BAYCURB027B
17½	YS*210GWRHA0000	575/3/60	12.2	193,000	284,000	54 x 85½" x 122½"	2292	34	45	BAYCURB027B
20	YS*240GWRHA0000	575/3/60	11.4	240,000	324,000	54 x 85½" x 122½"	2353	43	60	BAYCURB027B
25	YS*300GWRHA0000	575/3/60	11.4	272,000	324,000	54 x 85½" x 122½"	2337	45	60	BAYCURB027B

(*) For Downflow units only.

** Dapt 3 U=Downflow or H=Horizontal.

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

Packaged Cooling with ReliaTel™ Controls 12½-25 Tons (Model Digit Numbers)

Digit	Description	Order Number	Digit	Description	Order Number
1	Unit type		19	Disconnect Switch/Circuit Breaker	
	Packaged Cooling, Electric Heat	1		No Disconnect/Circuit Breaker	0
	Packaged Gas/Electric	Y		Unit Mounted Non-Used Disconnect Switch	1
2	Efficiency			Unit Mounted Circuit Breaker	2
	Standard Efficiency	0	20	Convenience Outlet Option	
	High Efficiency	5		Without Convenience Outlet	0
3	Airflow Configuration			Unpowered Convenience Outlet	4
	Downflow	0		Powered Convenience Outlet	5
	Horizontal	1	21	Communications Options	
4-5	Nominal Gross Cooling Capacity (MCH)			Without Communications Options	0
	12½ Tons	100		Novus 2024 Controls Interface ⁽¹⁾	3
	15 Tons	180		Novus 2051 Controls Interface ⁽¹⁾	4
	17½ Tons	210		Novus 2051 Communications Interface with	
	20 Tons	240		Demand Control Ventilation ⁽²⁾	5
	25 Tons	300		Building Automation Control Network	
7	Major Design Sequence			Communications Interface	6
	Monochannel Type Condenser Coils	1	22	Refrigeration System Option	
8	Voltage Selection			Standard refrigeration system	0
	208-230V/3	0		Thermal Expansion Valve (TXV)	A
	480V/3	4		Dehumidification (Hot Gas Reheat)	M
	575V/3	W	23	Refrigeration Controls	
	380V/3	E		Without Refrigeration Controls	0
9	Unit Controls			Reheat	1
	ReliaTel	R	24	Smoke Detector	
10	Heating Capacity			Without Smoke Detector	0
	No Heat ⁽³⁾	0		Return Air Smoke Detector	A
	18 kW Electric Heat ⁽³⁾	G		Supply Air Smoke Detector	B
	27 kW Electric Heat ⁽³⁾	K		Return/Supply Air Smoke Detector	C
	38 kW Electric Heat ⁽³⁾	N		Fluegas Smoke Detector	D
	54 kW Electric Heat ⁽³⁾	P	25	System Monitoring Controls	
	72 kW Electric Heat ⁽³⁾	T		No Monitoring Controls	0
	Gas Heat - High ⁽³⁾	L		Clogged Filter Switch	1
	Gas Heat - Low ⁽³⁾	C		Fan Failure Switch	2
	Gas Heat - SS H Ex - Winterizing ⁽³⁾	V		Discharge Air Sensing	3
	Gas Heat - SS H Ex - Low ⁽³⁾	X		Clogged Filter Switch and Fan Failure switch	4
	Gas Heat - SS H Ex - High ⁽³⁾	Z		Clogged Filter Switch and Discharge Air Sensing	5
11	Minor Design Sequence			Fan Failure Switch and Discharge Air Sensing	6
12-13	Service Sequence			Clogged Filter Switch, Fan Failure Switch and	
14	Fresh Air Selection			Discharge Air Sensing	7
	No Fresh Air	0		NOVAH Return Air Sensor (Novus 2024/50)	8
	Econ Dry Bulb w/Barometric Relief	B		NOVAH Zone Temp Sensor (Novus 3051/50)	9
	Econ Reference Enthalpy w/Barometric Relief	F		Condensate Drain Pan Overflow Switch	A
	Econ Comparative Enthalpy w/Barometric Relief	H		Clogged Filter Switch and Condensate Drain	B
	Low Leak Economizer, Dry Bulb	K		Pan Overflow Switch	C
	Low Leak Economizer, Comparative Enthalpy	L		Fan Failure Switch and Condensate Drain	D
	w/Barometric Relief	M		Pan Overflow Switch	E
	Low Leak Economizer, Reference Enthalpy	N		Discharge Air Sensing and Condensate	F
	w/Barometric Relief	P		Drain Pan Overflow Switch	G
15	Supply Fan/Drive Type/Motor			Clogged Filter Switch, Fan Failure Switch and	
	Standard Motor	0		Condensate Drain Pan Overflow Switch	H
	Overrated Motor	1		Clogged Filter Switch, Discharge Air Sensing	I
	High Efficiency Motor	3		Tube and Condensate Drain Pan Overflow Switch	J
	Single Zone Variable Air Volume Standard Motor	6		Fan Failure Switch, Discharge Air Sensing Tube and	
	Multi-Speed Standard Motor	7		Condensate Drain Pan Overflow Switch	F
	Single Zone Variable Air Volume Overrated Motor	8		Clogged Filter Switch, Fan Failure Switch, Discharge	
	Multi-Speed Overrated Motor	9		Air Sensing and Condensate Drain Pan Overflow	
	Single Zone Variable Air Volume Standard			Switch	H
	Motor without Ground Ring	A	26	System Monitoring Controls	
	Multi-Speed Standard Motor with/Shell Ground Ring	C		No Monitoring Controls	0
	Single Zone Variable Air Volume Overrated			Demand Control Ventilation (DCV) X ⁽¹⁾	A
	Motor without Ground Ring	C		Fault Detection and Diagnostics (FDD)	B
	Multi-Speed Overrated Motor with/Shell Ground Ring	D		Fault Detection and Diagnostics (FDD)	C
16	Ringed Service Access / Filters			with Demand Control Ventilation	C
	Standard Panels/Standard Filters	0	27	Unit Hardware Enhancements	
	Ringed Access/Standard Filters	A		No Enhancements	0
	Standard Panels/MERV 8 Filters	B		Stainless Steel Drain Pan	1
	Ringed Access/MERV 8 Filters	C	28	Short Circuit Current Rating (SCCR)	
	Standard Panels/MERV 13 Filters	D		Standard SCCR	0
	Ringed Access/MERV 13 Filters	E		48 kA SCCR	A
17	Condenser Coil Protection		31	Advanced Unit Controls	
	Standard Coil	0		Standard Unit Controls	0
	Standard Coil With Heat Guard	1		Reheat Interface	1
	Complete Coil™ Condenser Coil	4			
	Complete Coil™ Condenser Coil with Heat Guard	5			
18	Through The Base Provisions				
	No Through The Base Provisions ⁽⁴⁾	0			
	Through The Base Electric ⁽⁴⁾	A			
	Through The Base Gas ⁽⁴⁾	C			
	Through The Base Electric/Gas ⁽⁴⁾	D			
	Through The Base Access ⁽⁴⁾	0			

(1) Applicable to Digit 1 Y models only.
 (2) Applicable to Digit 1 T or Y models only.
 (3) Applicable to Digit 1 T or Y models only.

Note: Most factory installed options available for Downflow Air Discharge units only. Please verify with ordering system for availability.
 (4) Novus is not available with SCVAV products.
 (5) Demand Control Ventilation Option includes wiring only. The DCV sensor is a field-installed only option.

Packaged Gas/Electric with ReliaTel™ Controls 12½-25 Tons Accessories

Table LPG-15-A — Field Installed Accessories

Model Number	Description	Used With
BAYABRD002B(0)	ReliaTel™ Options Module	All Voyagers
BAYBCIR001A	Bacnet™ Communication Interface	ReliaTel™ Controller (BCI-R)
BAYCQ2K002B	CO ₂ Sensor Wall Mounted	All Voyagers
BAYCQ2K004B	CO ₂ Sensor Dust Mounted	All Voyagers
BAYCURB025B(00)	Downflow Only Roof Curb	YSD150F
BAYCURB027B(00)	Downflow Only Roof Curb	YHD150-YHD300F, YSD180-YSD300F
BAYDFPS005A(000)	Clogged Filter Switch (MERV 7)	All Voyagers
BAYDFPS006A(000)	Fan Failure Switch	All Voyagers
BAYDFPS0031A	Clogged Filter Switch (MERV 13)	All Voyagers
BAYDMPR025C	0-25% Manual Outside Air Damper	All Voyagers
BAYDMPR057A	0-50% Motorized Outside Air Damper	YSD150F
BAYDMPR058A	0-50% Motorized Outside Air Damper	YHD150-300F, YSD180-300F
BAYECON085A(0)	Downflow Economizer with Barometric Relief	YSD150F
BAYECON090A(0)	Downflow Economizer with Barometric Relief	YHD150-300F, YSD150-300F
BAYECON091A	Horizontal Economizer	YSH180F
BAYECON092A	Horizontal Economizer	YH1150-300F, YSH180-300F
BAYECON700A	Downflow Low Leak Economizer	YSD150F
BAYECON701A	Downflow Low Leak Economizer	YSD180F-300F, YHD150F, YHD180-300F
BAYENTH007A(000)	Reference Enthalpy Kit	All BAYECON085A-092A
BAYENTH008A(000)	Comparative Enthalpy Kit	All BAYECON085A-092A
BAYFRST003A	High Temperature Stat	All Voyagers
BAYGARD144A(0)	Tool-less Hall Guard	YS*150F
BAYGARD145A(0)	Tool-less Hall Guard	YH*150F, YS*180F-300F
BAYGARD150A(0)	Tool-less Hall Guard	YH*210F-300F, YH*180F
BAYHSOR005B(0)	High Static Drive	YS*150, 180F, YH*150F, 180F
BAYHSOR010A	High Static Drive	YH*210F, 240F, YS*300F
BAYHSOR011A	High Static Drive	YS*210F, 240F, YH*300F

(0) Kit contains all necessary parts to achieve staged level of Enthalpy Control.

(0) Reference Enthalpy senses outside temperature/humidity.

(0) Comparative Enthalpy senses outside temperature/humidity and inside return/room air temperature/humidity.

(0) High static drive and oversized motors are mutually exclusive. Do not Combine.

(0) See Accessory IOM for operational characteristics.

(0) Charlotte Manufacturing has a no-return policy for this roof curb.

(0) BAYABRD002B is required when ordering BAYDFPS005A or 006A, BAY1UB005A or 006A and BAYLOAM023A or BAYVNCR0025B.

(0) Field or factory installed option.

* Either horizontal or downflow models.

For additional Controls Information:
 See ReliaTel™ and Micro Control features on LPC-12 and LPC-13.

Packaged Gas/Electric with ReliaTel™ Controls 12½-25 Tons Accessories

Table LPG-16-A — Field Installed Accessories

Model Number	Description	Used With
BAYHSM7039B(XX)	5HP Oversized Motor Kit (208-230/460V)	YS*150F
BAYHSM7040B(XX)	5HP Oversized Motor Kit (575V)	YS*150F
BAYHSM7055B(XX)	5HP Oversized Motor Kit (208-230/460V)	YS*180F
BAYHSM7042A(XX)	7-1/2HP Oversized Motor Kit (575V)	YS*210F, 240F, YH*210F, 240F
BAYHSM7072A(XX)	7-1/2HP Oversized Motor Kit (575V)	YS*180F, YH*180F
BAYHSM7098A(XX)	7-1/2HP Oversized Motor Kit (230V)	YH*210F, YH*240F
BAYHSM7099A(XX)	7-1/2HP Oversized Motor Kit (460V)	YH*210F, YH*240F
BAYLOAM023A(XX)	Evaporator Defrost Control	YS*150F, YH*150F, YS*180F, YS*210F, 240F, 300F
BAYLOAM031A	Evaporator Defrost Control	YH*210F, 240F, 300F, 180F
BAYLPK018A	LP Conversion Kit	YC*150F-YC*301F
BAYLSDR004A(XX)	Low Static Drive	YS*150F, 180F, 210F, YH*210F, YS*240F, YH*241F
BAYLSDR002A(XX)	Low Static Drive	YH*150F, 180F, YS*200F
BAYPWRX029A	Power Exhaust for all Voyagers 12½-25 Ton 230V units	Downflow Only
BAYPWRX030A	Power Exhaust for all Voyagers 12½-25 Ton 460V units	Downflow Only
BAYPWRX031A	Power Exhaust for all Voyagers 12½-25 Ton 575V units	Downflow Only
BAYSERV001A	Selective Resistance Service Tester	YC*150F-YC*301F
BAYSTAT023	Remote Polarimeter	YC*150F-YC*301F
BAYTUBE008A(XX)	Discharge Air Sensing Kit	YCD150F-YCD301F
BAYTUBE009A(XX)	Discharge Air Sensing Kit	YCD150F-YCD301F
BAYQACB044A	Adapter Curb	BAYCURB026A/B to BAYCURB027A/B
BAYVNCR002B(XX)	Ventilation Override Kit	YC*150F-YC*301F

(X) High static drive and oversized motors are mutually exclusive. Do Not Combine.

(XX) Low static drive and oversized motors are mutually exclusive. Do Not Combine.

(XX) BAYVNCR002B is required when ordering BAYDP15025A or 018A, BAYTUBE008A or 009A and BAYLOAM023A, BAYLOAM031A or BAYVNCR002B.

(*) Field or factory installed option.

* Either horizontal or downflow motor.

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
ASYSTAT106A	Single Setpoint Manual Changeover	YC*150-301
ASYSTAT108A	Dual Setpoint Manual or Automatic Changeover	YC*150-301
ASYSTAT111A	Remote Room Sensor	ASYSTAT777A
ASYSTAT777A	Programmable Night Setback	YC*150-301
ASYSTAT719A	Wall Mounted Humidity Sensor	YHD150, 180, 240F (with Reheat)
ASYSTAT711A	Duct Mounted Humidity Sensor	YHD150, 180, 240F (with Reheat)
BAYMTPL110A	Retrofit Wall Cover Plate Kit 7.25" x 6.0"	ASYSTAT777A
BAYBENS024A	Title 24 Zone Sensor(1)	All

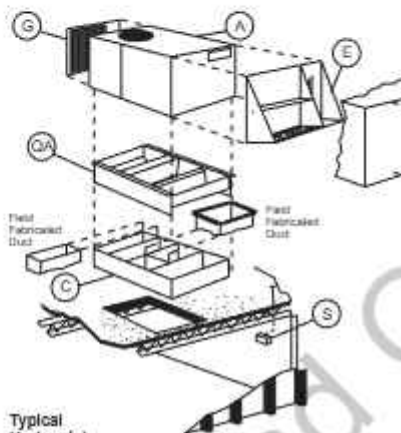
(1) Must be used with ReliaTel™ Control and G3 Communications Interface.

For additional Controls Information:
 See ReliaTel™ and Micro Control features on LPC-12 and LPC-13.

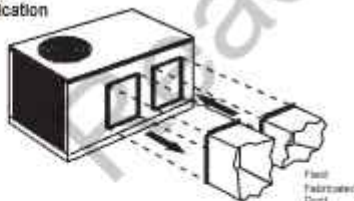
Packaged Unit Accessories 12 1/2-25 Tons

12 1/2 – 25 Ton Packaged Gas/Electric,
 Electric/Electric and Heat Pump

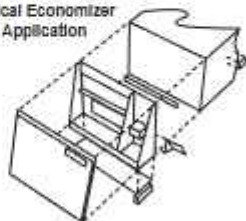
Typical Downflow Application



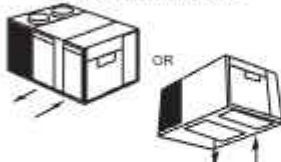
Typical Horizontal Application



Typical Economizer Application



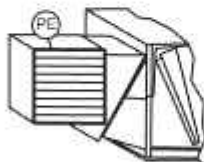
Dedicated Airflow Design



Factory Supplied Accessories

- (A) Unit
Y"D/H, T"D/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





Foundation™ Packaged Gas/Electric 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 drain pan
- Separate high and low voltage areas in control box
- 5-year limited compressor and heat exchanger warranty

Table LPG-18-A — Foundation™ - R-410A - Electromechanical Controls

Tons	Unit Model No.	Power Supply Volts/Phase/Hz	Performance SEER	Cooling Capacity (Btu/h)	Heating Output Capacity (Btu/h)	Dimensions (in.) H x W x L	Shipping Weight ¹ (lbs.)	Max Pipe Size or Max Circuit Breaker ²	Downflow Roof curb ³
GSC - Three Phase Low Heat									
3	GBC036A3ELA0000	208-230/3/60	14.0	36,000	57,600	42 1/4" x 48 x 76 1/2"	574	10.5	25 BAYCURB320A
4	GBC048A3ELA0000	208-230/3/60	14.0	48,000	57,600	42 1/4" x 48 x 76 1/2"	616	23.6	35 BAYCURB320A
5	GBC060A3ELA0000	208-230/3/60	14.0	57,500	57,600	42 1/4" x 48 x 76 1/2"	636	26.4	40 BAYCURB320A
3	GBC036A4ELA0000	460/3/60	14.0	36,000	57,600	42 1/4" x 48 x 76 1/2"	574	10.5	15 BAYCURB320A
4	GBC048A4ELA0000	460/3/60	14.0	48,000	57,600	42 1/4" x 48 x 76 1/2"	616	11	15 BAYCURB320A
5	GBC060A4ELA0000	460/3/60	14.0	57,500	57,600	42 1/4" x 48 x 76 1/2"	636	12.9	20 BAYCURB320A
3	GBC036AWELA0000	575/3/60	14.0	36,000	57,600	42 1/4" x 48 x 76 1/2"	574	8.8	15 BAYCURB320A
4	GBC048AWELA0000	575/3/60	14.0	48,000	57,600	42 1/4" x 48 x 76 1/2"	616	8.1	15 BAYCURB320A
5	GBC060AWELA0000	575/3/60	14.0	57,500	57,600	42 1/4" x 48 x 76 1/2"	636	9.2	15 BAYCURB320A
GSC - Three Phase Medium Heat									
3	GBC036A3EMA0000	208-230/3/60	14.0	36,000	80,000	42 1/4" x 48 x 76 1/2"	574	10.5	25 BAYCURB320A
4	GBC048A3EMA0000	208-230/3/60	14.0	48,000	80,000	42 1/4" x 48 x 76 1/2"	616	23.6	35 BAYCURB320A
5	GBC060A3EMA0000	208-230/3/60	14.0	57,500	80,000	42 1/4" x 48 x 76 1/2"	636	26.4	40 BAYCURB320A
3	GBC036A4EMA0000	460/3/60	14.0	36,000	80,000	42 1/4" x 48 x 76 1/2"	574	10.5	15 BAYCURB320A
4	GBC048A4EMA0000	460/3/60	14.0	48,000	80,000	42 1/4" x 48 x 76 1/2"	616	11	15 BAYCURB320A
5	GBC060A4EMA0000	460/3/60	14.0	57,500	80,000	42 1/4" x 48 x 76 1/2"	636	12.9	20 BAYCURB320A
3	GBC036AWEMA0000	575/3/60	14.0	36,000	80,000	42 1/4" x 48 x 76 1/2"	574	8.8	15 BAYCURB320A
4	GBC048AWEMA0000	575/3/60	14.0	48,000	80,000	42 1/4" x 48 x 76 1/2"	616	8.1	15 BAYCURB320A
5	GBC060AWEMA0000	575/3/60	14.0	57,500	80,000	42 1/4" x 48 x 76 1/2"	636	9.2	15 BAYCURB320A

¹ For Downflow units only.

² Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

Foundation™ Packaged Gas/Electric 3-5 Ton Accessories

Table LPG-15-A — Foundation¹ - Field Installed Accessories

Model Number	Description	Used With
BAYCURB320A	Roof curb	All
BAYGARD320A	Tool-less Hall Guard	All
BAYHAKT320A	High Altitude Kit	All
BAYLPKT320A	LP Kit	GBC Only
BAYTBGF320A	Through the base - Gas	GBC Only
BAYTBUE320A	Through the base - Elec	All
BAYDSCF320A	Unit Mounted Disconnect-cooling only, 100 Amp	GBC, EBC No Elec Heat
BAYCO2K300A	Wall Mounted CO2 Sensor	All
BAYCO2K301A	Duct Mounted CO2 Sensor	All
BAYCOSW320A	Condensate Overflow	All
BAYCCHT010B	CCH - 208-230V (40 W) 6.5"	E/GBC(D48 & O60)A3
BAYCCHT011B	CCH - 460V/572V (40W) 6.5"	E/GBC(D48 & O60)A4 & W)
BAYCCHT103A	CCH - 208-230V (40 W) 5.5"	E/GBC036A3
BAYCCHT405A	CCH - 460V/572V (40W) 5.5"	E/GBC038A4 & W)
BAYLOAM330A	Froststat	All
BAYLOAM340A	Low Ambient Kit	All
BAYASCT001	Compressor Short Cycle Timer	All
BAYHSMT320A	2 HP Oversize motor Kit (208-230/460V)	All
BAYHSMT321A	2 HP Oversize motor Kit (380V)	All
BAYHSMT322A	2 HP Oversize motor Kit (575V)	All
BAYDMPR321A	Damper, Manual 3-5T	All
BAYDMPR320A	Damper, Motorized 3-5T	All
BAYBARO320A	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
BAYECON353A(0)	Low Leak Economizer, Dry Bulb, Downflow W/FDD, 3-5T	All
BAYECON354A(0)	Low Leak Economizer, Dry Bulb, Horizontal W/FDD, 3-5T	All
BAYENTH323A(0)	Comparative Enthalpy, LLE W/FDD, 3-5T	All
BAYENTH322A(0)	Reference Enthalpy, LLE W/FDD, 3-5T	All
BAYBARO321A(0)	Barometric Relief Damper, LLE W/FDD, 3-5T	All
BAYPWRX320A(0)	Power Exhaust, 3-5T DF, 230V	All
BAYPWRX321A(0)	Power Exhaust, 3-5T DF, 460V	All
BAYPWRX322A(0)	Power Exhaust, 3-5T DF, 575V	All

(1) DD = Fault Detector & Diagnostics

(0) Please check availability



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
- Molded 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 (16-25 tons)

Table LPG-20-A — Foundation™ — R-410A — Electromechanical Controls

Tons	Unit Model No.	Power Supply Volts/Phases/Hz	Performance SEER	Cooling Capacity (Btu/h)	Heating Output Capacity (Btu/h)	Dimensions (h x w x l)	Shipping Weight (lb)	MCA	Max Fuse Size or Max Circuit Breaker	Downflow Roofcut
GAC - Three Phase Low Heat										
15	GAC180A3ELA0000	208-230/3/60	11.0	183,000	192,000	58" h x 86" w x 123" l	2,183	79	100	BAYCURB027B
17 1/2	GAC210A3ELA0000	208-230/3/60	11.0	212,000	192,000	58" h x 86" w x 123" l	2,238	81	110	BAYCURB027B
20	GAC240A3ELA0000	208-230/3/60	10.0	252,000	192,000	58" h x 86" w x 123" l	2,327	117	150	BAYCURB027B
25	GAC300A3ELA0000	208-230/3/60	10.0	290,000	192,000	58" h x 86" w x 123" l	2,327	124	150	BAYCURB027B
15	GAC180A4ELA0000	460/3/60	11.0	183,000	192,000	58" h x 86" w x 123" l	2,183	37	45	BAYCURB027B
17 1/2	GAC210A4ELA0000	460/3/60	11.0	212,000	192,000	58" h x 86" w x 123" l	2,238	42	50	BAYCURB027B
20	GAC240A4ELA0000	460/3/60	10.0	252,000	192,000	58" h x 86" w x 123" l	2,327	53	70	BAYCURB027B
25	GAC300A4ELA0000	460/3/60	10.0	290,000	192,000	58" h x 86" w x 123" l	2,327	56	70	BAYCURB027B
15	GAC180AWELA0000	575/3/60	11.0	183,000	192,000	58" h x 86" w x 123" l	2,183	31	40	BAYCURB027B
17 1/2	GAC210AWELA0000	575/3/60	11.0	212,000	192,000	58" h x 86" w x 123" l	2,238	34	40	BAYCURB027B
20	GAC240AWELA0000	575/3/60	10.0	252,000	192,000	58" h x 86" w x 123" l	2,327	42	50	BAYCURB027B
25	GAC300AWELA0000	575/3/60	10.0	290,000	192,000	58" h x 86" w x 123" l	2,327	47	60	BAYCURB027B
GAC - Three Phase Medium Heat										
15	GAC180A3EMA0000	208-230/3/60	11.0	183,000	256,000	58" h x 86" w x 123" l	2,183	79	100	BAYCURB027B
17 1/2	GAC210A3EMA0000	208-230/3/60	11.0	212,000	256,000	58" h x 86" w x 123" l	2,238	81	110	BAYCURB027B
20	GAC240A3EMA0000	208-230/3/60	10.0	252,000	256,000	58" h x 86" w x 123" l	2,327	117	150	BAYCURB027B
25	GAC300A3EMA0000	208-230/3/60	10.0	290,000	256,000	58" h x 86" w x 123" l	2,327	124	150	BAYCURB027B
15	GAC180A4EMA0000	460/3/60	11.0	183,000	256,000	58" h x 86" w x 123" l	2,183	37	45	BAYCURB027B
17 1/2	GAC210A4EMA0000	460/3/60	11.0	212,000	256,000	58" h x 86" w x 123" l	2,238	42	50	BAYCURB027B
20	GAC240A4EMA0000	460/3/60	10.0	252,000	256,000	58" h x 86" w x 123" l	2,327	53	70	BAYCURB027B
25	GAC300A4EMA0000	460/3/60	10.0	290,000	256,000	58" h x 86" w x 123" l	2,327	56	70	BAYCURB027B
15	GAC180AWEMA0000	575/3/60	11.0	183,000	256,000	58" h x 86" w x 123" l	2,183	31	40	BAYCURB027B
17 1/2	GAC210AWEMA0000	575/3/60	11.0	212,000	256,000	58" h x 86" w x 123" l	2,238	34	40	BAYCURB027B
20	GAC240AWEMA0000	575/3/60	10.0	252,000	256,000	58" h x 86" w x 123" l	2,327	42	50	BAYCURB027B
25	GAC300AWEMA0000	575/3/60	10.0	290,000	256,000	58" h x 86" w x 123" l	2,327	47	60	BAYCURB027B
GAD - Three Phase High Heat										
15	GAD180A3EHA0000	208-230/3/60	11.0	183,000	280,000	58" h x 86" w x 123" l	2,183	79	100	BAYCURB027B
17 1/2	GAD210A3EHA0000	208-230/3/60	11.0	212,000	320,000	58" h x 86" w x 123" l	2,238	81	110	BAYCURB027B
20	GAD240A3EHA0000	208-230/3/60	10.0	252,000	320,000	58" h x 86" w x 123" l	2,327	117	150	BAYCURB027B
25	GAD300A3EHA0000	208-230/3/60	10.0	290,000	320,000	58" h x 86" w x 123" l	2,327	124	150	BAYCURB027B
15	GAD180A4EHA0000	460/3/60	11.0	183,000	280,000	58" h x 86" w x 123" l	2,183	37	45	BAYCURB027B
17 1/2	GAD210A4EHA0000	460/3/60	11.0	212,000	320,000	58" h x 86" w x 123" l	2,238	42	50	BAYCURB027B
20	GAD240A4EHA0000	460/3/60	10.0	252,000	320,000	58" h x 86" w x 123" l	2,327	53	70	BAYCURB027B
25	GAD300A4EHA0000	460/3/60	10.0	290,000	320,000	58" h x 86" w x 123" l	2,327	56	70	BAYCURB027B
15	GAD180AWEHA0000	575/3/60	11.0	183,000	280,000	58" h x 86" w x 123" l	2,183	31	40	BAYCURB027B
17 1/2	GAD210AWEHA0000	575/3/60	11.0	212,000	320,000	58" h x 86" w x 123" l	2,238	34	40	BAYCURB027B
20	GAD240AWEHA0000	575/3/60	10.0	252,000	320,000	58" h x 86" w x 123" l	2,327	42	50	BAYCURB027B
25	GAD300AWEHA0000	575/3/60	10.0	290,000	320,000	58" h x 86" w x 123" l	2,327	47	60	BAYCURB027B

(1) Downflow Airflow Configuration Only - High Heat Models.

(2) 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.

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/Phases/Hz	Performance EER	Cooling Capacity (Btu/h)	Heating Output Capacity (Btu/h)	Dimensions (H) x W x L	Shipping Weight (Lbs.)	Max Fuse Size or Max Circuit Breaker*	Downflow Recovery ⁽¹⁾
GAC - Three Phase Low Heat									
15	GAC180A3ELA1DOY	208-230/3/60	12.8	183,000	192,000	58" x 86" x 123"	2183	79	100
17½	GAC210A3ELA1DOY	208-230/3/60	12.8	212,000	192,000	58" x 86" x 123"	2238	91	110
20	GAC240A3ELA1DOY	208-230/3/60	11.9	252,000	192,000	58" x 86" x 123"	2327	117	150
25	GAC300A3ELA1DOY	208-230/3/60	11.7	290,000	192,000	58" x 86" x 123"	2327	124	150
15	GAC180A4ELA1DOY	460/3/60	12.8	183,000	192,000	58" x 86" x 123"	2183	37	45
17½	GAC210A4ELA1DOY	460/3/60	12.8	212,000	192,000	58" x 86" x 123"	2238	42	50
20	GAC240A4ELA1DOY	460/3/60	11.9	252,000	192,000	58" x 86" x 123"	2327	53	70
25	GAC300A4ELA1DOY	460/3/60	11.7	290,000	192,000	58" x 86" x 123"	2327	56	70
15	GAC180AWELA1DOY	575/3/60	12.8	183,000	192,000	58" x 86" x 123"	2183	31	40
17½	GAC210AWELA1DOY	575/3/60	12.8	212,000	192,000	58" x 86" x 123"	2238	34	40
20	GAC240AWELA1DOY	575/3/60	11.9	252,000	192,000	58" x 86" x 123"	2327	42	50
25	GAC300AWELA1DOY	575/3/60	11.7	290,000	192,000	58" x 86" x 123"	2327	47	60
GAC - Three Phase Medium Heat									
15	GAC180A3EMA1DOY	208-230/3/60	12.8	183,000	256,000	58" x 86" x 123"	2183	79	100
17½	GAC210A3EMA1DOY	208-230/3/60	12.8	212,000	256,000	58" x 86" x 123"	2238	91	110
20	GAC240A3EMA1DOY	208-230/3/60	11.9	252,000	256,000	58" x 86" x 123"	2327	117	150
25	GAC300A3EMA1DOY	208-230/3/60	11.7	290,000	256,000	58" x 86" x 123"	2327	124	150
15	GAC180A4EMA1DOY	460/3/60	12.8	183,000	256,000	58" x 86" x 123"	2183	37	45
17½	GAC210A4EMA1DOY	460/3/60	12.8	212,000	256,000	58" x 86" x 123"	2238	42	50
20	GAC240A4EMA1DOY	460/3/60	11.9	252,000	256,000	58" x 86" x 123"	2327	53	70
25	GAC300A4EMA1DOY	460/3/60	11.7	290,000	256,000	58" x 86" x 123"	2327	56	70
15	GAC180AWEMA1DOY	575/3/60	12.8	183,000	256,000	58" x 86" x 123"	2183	31	40
17½	GAC210AWEMA1DOY	575/3/60	12.8	212,000	256,000	58" x 86" x 123"	2238	34	40
20	GAC240AWEMA1DOY	575/3/60	11.9	252,000	256,000	58" x 86" x 123"	2327	42	50
25	GAC300AWEMA1DOY	575/3/60	11.7	290,000	256,000	58" x 86" x 123"	2327	47	60
GAD - Three Phase High Heat⁽²⁾									
15	GAD180A3EHA1DOY	208-230/3/60	12.8	183,000	280,000	58" x 86" x 123"	2183	79	100
17½	GAD210A3EHA1DOY	208-230/3/60	12.8	212,000	320,000	58" x 86" x 123"	2238	91	110
20	GAD240A3EHA1DOY	208-230/3/60	11.9	252,000	320,000	58" x 86" x 123"	2327	117	150
25	GAD300A3EHA1DOY	208-230/3/60	11.7	290,000	320,000	58" x 86" x 123"	2327	124	150
15	GAD180A4EHA1DOY	460/3/60	12.8	183,000	280,000	58" x 86" x 123"	2183	37	45
17½	GAD210A4EHA1DOY	460/3/60	12.8	212,000	320,000	58" x 86" x 123"	2238	42	50
20	GAD240A4EHA1DOY	460/3/60	11.9	252,000	320,000	58" x 86" x 123"	2327	53	70
25	GAD300A4EHA1DOY	460/3/60	11.7	290,000	320,000	58" x 86" x 123"	2327	56	70
15	GAD180AWEHA1DOY	575/3/60	12.8	183,000	280,000	58" x 86" x 123"	2183	31	40
17½	GAD210AWEHA1DOY	575/3/60	12.8	212,000	320,000	58" x 86" x 123"	2238	34	40
20	GAD240AWEHA1DOY	575/3/60	11.9	252,000	320,000	58" x 86" x 123"	2327	42	50
25	GAD300AWEHA1DOY	575/3/60	11.7	290,000	320,000	58" x 86" x 123"	2327	47	60

(1) For Downflow units only.

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

Foundation™ Packaged Gas/Electric 15-25 Tons Accessories

Table LPG-22-A — Foundation™ — R-410A — Field Installed Accessories

Model Number	Description	Used With
BAY1BUE300A	Through the Base Electrical Connections	All Foundation 15-25 Ton Units
BAYDSCF300A	Unit Mounted Disconnect, 100 Amp	GA*180A* - GA*300A4*, GA*180AW* - GA*300AW*
BAYDSCF301A	Unit Mounted Disconnect, 150 Amp	GA*180A3* - GA*300A3*
BAYTBGF300A	Through the Base Gas Connection, 400 MBH	GA*180A* - GA*300A*
BAYLPKT300A	Propane Conversion Kit	GA*180A* - GA*300A*
BAYHAKT300A	High Altitude Conversion Kit	GA*180A* - GA*300A*
BAYDMPR301A	Damper, Manual	GA*180A* - GA*300A*
BAYDMPR300A	Damper, Motorized	GA*180A* - GA*300A*
BAYECON300A	Economizer, Dry Bulb, Downflow	GA*180A* - GA*300A*
BAYECON301A	Economizer, Dry Bulb, Horizontal	GA*180A* - GA*300A*
BAYECON300A(0)	Low Leak Economizer w/FDD, Dry Bulb, Downflow	GA*180A* - GA*300A*
BAYECON301A	Low Leak Economizer w/FDD, Dry Bulb, Horizontal	GA*180A* - GA*300A*
BAYHZCN300A	Horizontal Economizer Conversion Kit	GA*180A* - GA*300A*
BAYBARO300A	Barometric Relief Damper, 15-25T	GA*180A* - GA*300A*
BAYENTH300A	Reference Enthalpy Economizer Kit	GA*180A* - GA*300A*
BAYENTH301A	Comparative Enthalpy Economizer Kit	GA*180A* - GA*300A*
BAYENTH302A(0)	Reference Enthalpy Economizer Kit	GA*180A* - GA*300A* w/Low Leak Economizer & FDD
BAYENTH303A(0)	Comparative Enthalpy Economizer Kit	GA*180A* - GA*300A* w/Low Leak Economizer & FDD
BAYCURB027B	Roof Curb	GA*180A* - GA*300A*
BAYHZRT001A	Horizontal Duct Conversion Kit	GA*180A* - GA*300A*
BAYCARR001A	Carrier Replacement Conversion Kit	GA*180A* - GA*300A*
BAYGARD300A	Condenser Hail Guard	GA*180A* - GA*300A*
BAYCCHT300A	Crankcase Heater, 70W, 230V	GA*180A3 - GA*300A3
BAYCCHT301A	Crankcase Heater, 70W, 450V	GA*180A4 - GA*300A4
BAYCCHT302A	Crankcase Heater, 70W, 575V	GA*180AW - GA*300AW
BAYASCT001	Compressor Short Cycle Timer	GA*180A* - GA*300A*
BAYLOAM300A	Low Ambient Control	GA*180A* - GA*300A*
BAYLOAM310A	Evaporator Defrost Control	GA*180A* - GA*300A*
BAYPWRX300A(0)	Power Exhaust, 15-25T, CF, 230V	GA*180A3 - GA*300A3
BAYPWRX301A(0)	Power Exhaust, 15-25T, CF, 450V	GA*180A4 - GA*300A4
BAYPWRX302A(0)	Power Exhaust, 15-25T, CF, 575V	GA*180AW - GA*300AW
BAYHSMT300A	High Static Motor & Drv, 5HP 230/450V	GA*180A3, GA*180A4
BAYHSMT301A	High Static Motor & Drv, 5HP 575V	GA*180AW
BAYHSMT302A	High Static Motor & Drv, 7.5HP 230/450V	GA*210A3, GA*240A3
BAYHSMT303A	High Static Motor & Drv, 7.5HP 450V	GA*210A4, GA*240A4
BAYHSMT304A	High Static Motor & Drv, 7.5HP 575V	GA*210AW, GA*240AW
BAYSHGR003A(0)	Shaft Grounding Ring, 0.875" Shaft	5HP VFD Motors
BAYSHGR002A(0)	Shaft Grounding Ring, 1.125" Shaft	7.5HP VFD Motors
BAYLSOR300A	Low Static Drive Option	GA*180A* - GA*300A*
BAYHSOR300A	High Static Drive Option	GA*180A* - GA*300A*
BAYCO2K300A	Wall Mounted CO2 Sensor	GA*180A* - GA*300A* with economizer
BAYCO2K301A	Duct Mounted CO2 Sensor	GA*180A* - GA*300A* with economizer
BAYCOSW300A	Drain Pan Overflow Switch	GA*180A* - GA*300A*
BAYSTAT300A	BACNet Enabled Thermostat	GA*180A* - GA*300A*
BAYFALT001A	Removable Pallet for Condenser End Unit Lifting	All Foundation 15-25 Ton Units

(0) Please check availability.

(*) See HVAC Knowledge Center for a list of compatible Carrier units.

(0) FDD = Fault Detection & Diagnostics.

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

3-25 Ton Packaged Units Roof Curb Compatibility Information

Table LACIN-1-A — 3-10 Ton Convertible Packaged Units Roof Curb Compatibility

BAYCURB042			BAYCURB043			BAYCURB044		
T/Y 8C	T/YHC	W 8C	T/Y 8C	T/YHC	W 8C	T/Y 8C	T/YHC	W 8C
036A	033A	036A	072A	072A	072A	092E		120E
048A	036A	048A	090A	092A	090A	102E		
060A	043A	060A	092A	102A	120A	120E		
036E	048A	036E	102A	120A	060E			
048E	060A	048E	120A	048E	072E			
060E	063A		072E	060E	090E			
	036E		090E	072E				
			092E	092E*				
			102E	102E*				
			120E	120E*				

* This curb is used for retrofit or replacement applications only for these units.

Table LACIN-1-B — 12 1/2-25 Ton Packaged Units Roof Curb Compatibility Reference for Packaged Units Manufactured Prior to 2002

BAYCURB021AB			BAYCURB022AB			BAYCURB023AB			BAYCURB024AB			BAYCURB027AB		
YCD	TCD	WCD	YCD	TCD	WCD	YCD	TCD	WCD	YCD	TCD	WCD	YCD	TCD	WCD
036A	036C	036C	061C	061C	075A	102A	102A	120A	121C	121C	150A	181B	181B	240A
036C	037C	048C	074C	074C	075C	102B	102B	120B	150B	160A	150B	181C	181C	240B
037C	048C	060C	075A	075A	090A	103B	103B		150B	150B	180A	210A	210A	150E
048A	049C		075B	075B	090C	103C	103C		150C	150C	180B	210B	210B	180E
048C	060C		075C	075C		120A	120A		151B	151B		211B	211B	240E
049C			066C	066C		120B	120B		151C	151C		211C	211C	
060A			090A	090A		121B	121B		180A	180A		240A	240A	
060C			090B	090B		150C	150C		180B	180B		240B	240B	
			090C	090C					210C	210C		241B	241B	
			090D	090D					150E	150E		241C	241C	
			091D	091C								300B	300B	
			102C	091D								301C	301C	
			120C	102C								180E	180E	
			120C	120C								210E	210E	
												211E	211E	
												240E	240E	
												241E	241E	
												300E	300E	
												151E	151E	
												181E	181E	
												301E	301E	

General Notes:

- If upgrading Thru-The-Base systems, the curb must be an April 1994 or present model curb to allow Thru-The-Base connections. The older curb models do not allow for these connections. The units will still fit the curb, but the Thru-The-Base connections will not be available.
- IC0909A, IC0909B, WCD090A, WCD090B, WCD090C, WCD090D are not 12 1/2-25 ton units. These units were manufactured in FL/Smith, All and will not fit any 12 1/2-25 ton curbs.
- All horizontal 3-7 1/2 ton, all horizontal 1102C, and all horizontal 1202C units will fit the downflow curbs, but BAYNSL101A.HI must be installed across the bottom of the evaporator section of the unit to prevent condensate leakage into the space.
- 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
BAYGACB009A	Quick Adapt Roof Curb Converts BAYCURB021 to Convertible 3 - 5 Ton
BAYGACB010A	Quick Adapt Roof Curb Converts BAYCURB022 to Convertible 3 - 5 Ton
BAYGACB011A	Quick Adapt Roof Curb Converts BAYCURB022 to Convertible 6 - 10 Ton
BAYGACB012A	Quick Adapt Roof Curb Converts BAYCURB024 to Convertible 3 - 10 Ton
BAYGACB013A	Quick Adapt Roof Curb Converts BAYCURB026 to Convertible 6 - 10 Ton
BAYGACB044A	Quick Adapt Roof Curb Converts BAYCURB026 to BAYCURB027
BAYGACB050A	Quick Adapt Roof Curb Converts CRFPCURB021A01 to BAYCURB042A
BAYGACB0501A	Quick Adapt Roof Curb Converts CRFPCURB021A01 to BAYCURB043A
BAYGACB0502A	Quick Adapt Roof Curb Converts CRFPCURB021A03 to BAYCURB043A

Note: If another manufacturer's curb was used initially, the adapter curb may not fit.

6-20 Tons Split System

Table LAC/IN-2-A — Allowable Elevation Difference: Cooling-only TTA above indoor unit

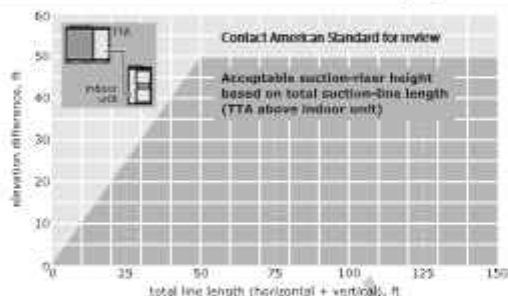


Table LAC/IN-2-B — Allowable Elevation Difference: TWA heat pump above indoor unit

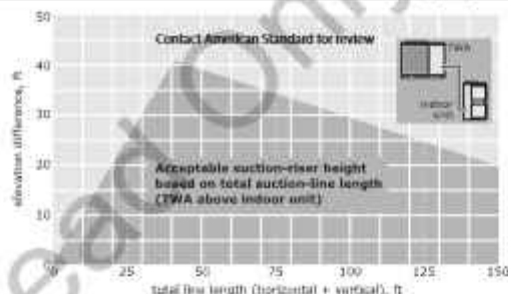
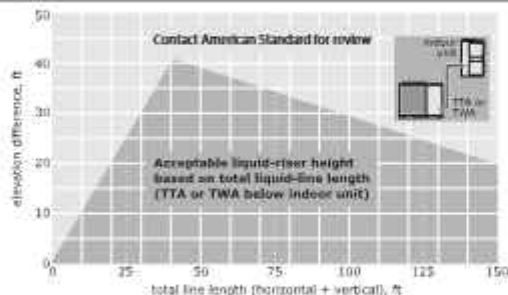


Table LAC/IN-2-C — Allowable Elevation Difference: TTA or TWA above indoor unit



Read Only