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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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Contents - Light Commercial

Packaged Gas/Electric

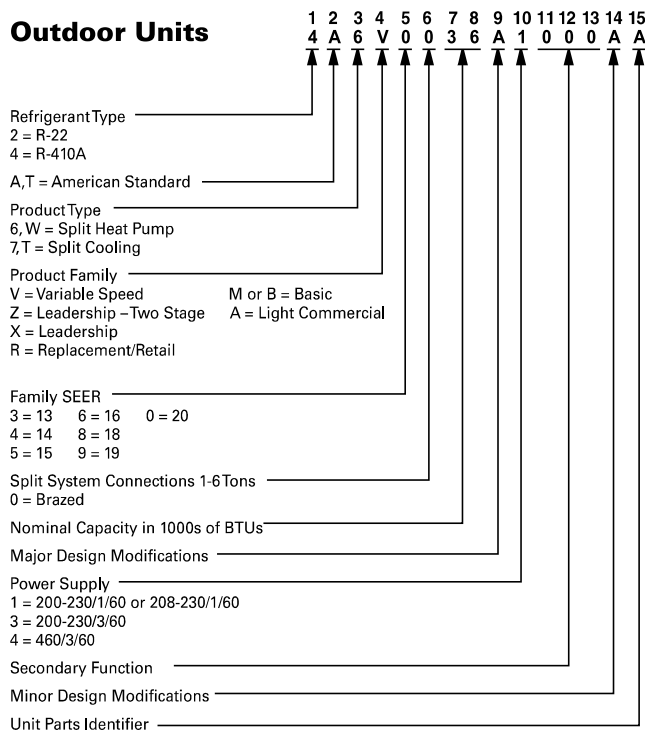
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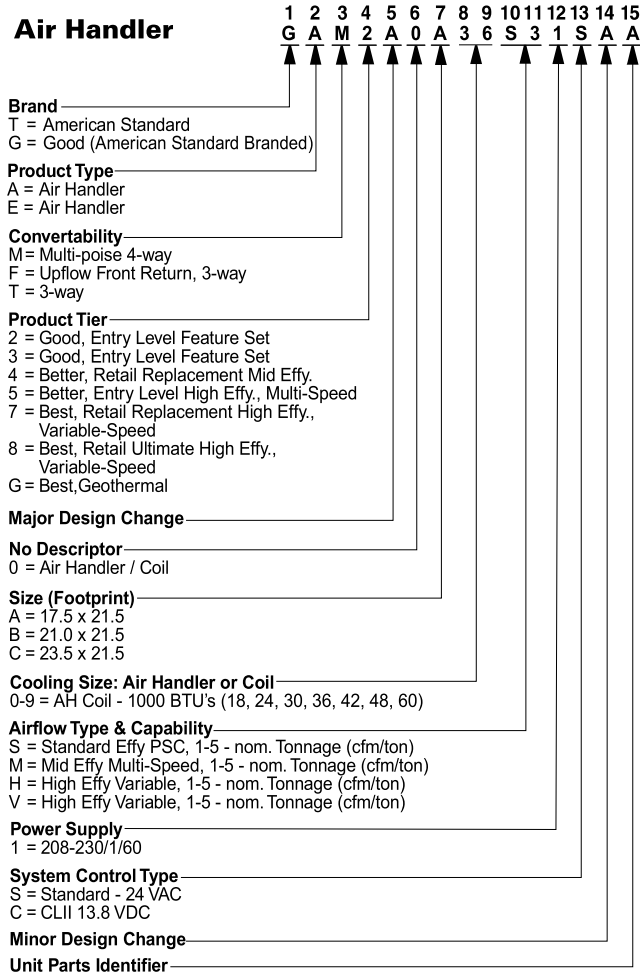
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Model Nomenclature Residential

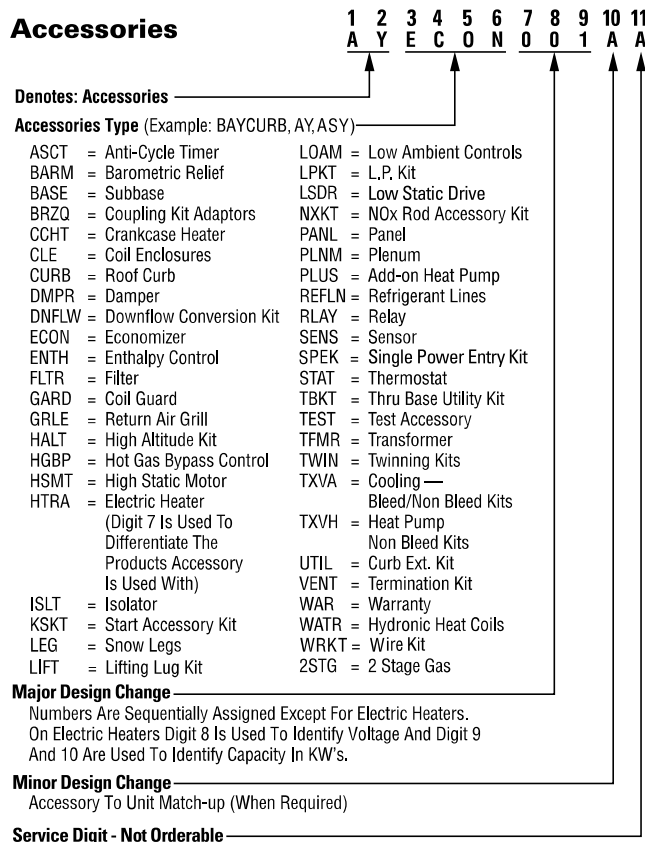
Outdoor Units



Air Handler

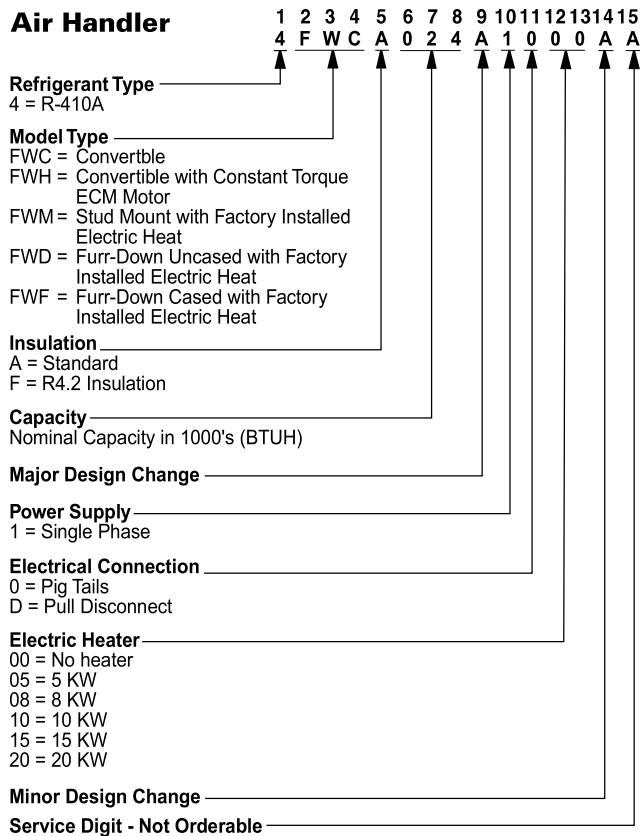


Accessories

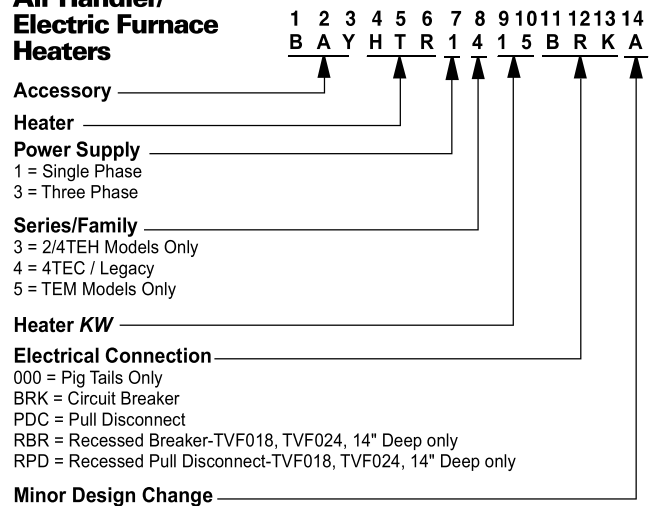


Model Nomenclature Residential

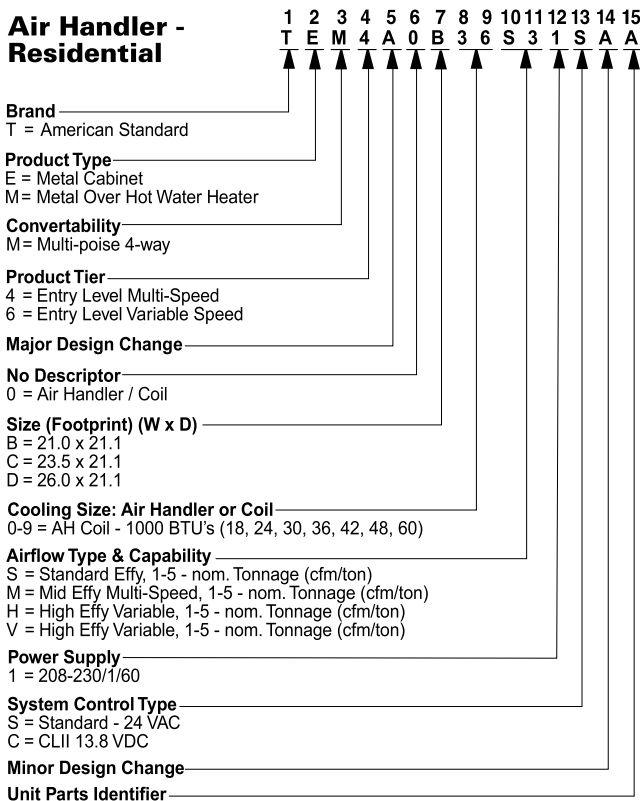
Air Handler



Air Handler/ Electric Furnace Heaters



Air Handler - Residential



Model Nomenclature Residential

Gas Furnaces

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	A	U	D	1	B	0	8	0	A	9	H	3	1	A	A

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

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

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

Cabinet Width
A = 14.5" Cabinet Width
B = 17.5" Cabinet Width
C = 21.0" Cabinet Width
D = 24.5" Cabinet Width

Heating Input in 1000's (BTUH)
080 = 80,000 BTUH

Major Design Change

Voltage
9 = 115 Volts / 60 Hertz / Natural Gas
A = 115 Volts / 50 Hertz / Natural Gas
C = 115 Volts / Natural Gas with Communicating System Control
F = 115 Volts / Natural Gas with Integrated Electronic Filter
D = 115 Volts / Natural Gas with Communicating System Control and Integrated Electronic Filter

Air Capacity for Cooling

Standard PSC	Variable Speed	High Efficiency
24 = 2 Tons	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
45 = 4 Tons		
48 = 4 Tons		
54 = 5 Tons		
60 = 5 Tons		
72 = 6 Tons		

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

Minor Design Change

Service Digit - Not Orderable

Gas Furnaces

	1	2	3	4	5	6	7	8	9	10	11	12
	A	U	Y	0	8	0	R	9	V	3	V	0

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

Type
C = Condensing
D = Induced Draft
X = Direct Vent Condensing

Heating Input in 1000's (BTUH)
080 = 80,000 BTUH

Major Design Change
C = Single Stage R = Two Stage
All other = Standard System

Power Supply and Fuel
115 Volt Natural Gas

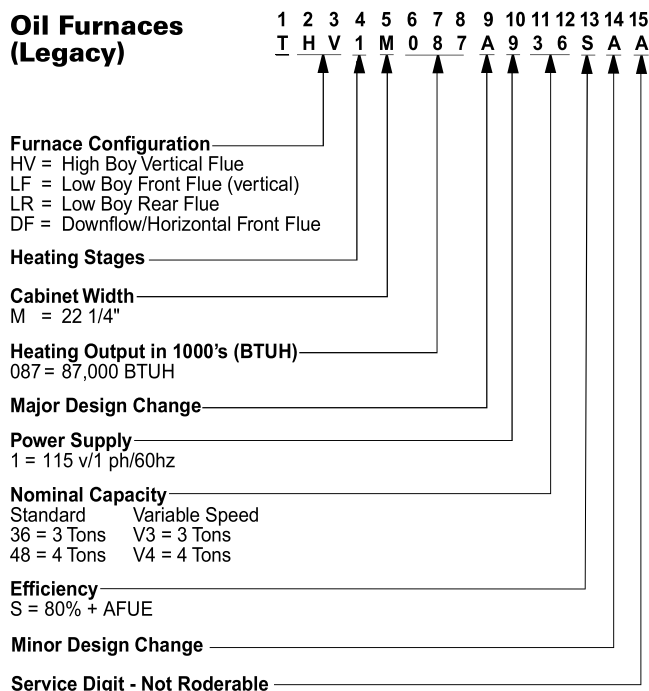
Airflow Capacity for Cooling
Example: 36 = 3 Tons
400 CFM/Ton
400 x 3 Tons = 1200 CFM
V3 = 1 1/2 – 3 Tons, Variable Speed Motor (ICM)
V4 = 2 – 4 Tons, Variable Speed Motor (ICM)
V5 = 3 – 5 Tons, Variable Speed Motor (ICM)

Minor Design Change
V = Variable Speed Inducer

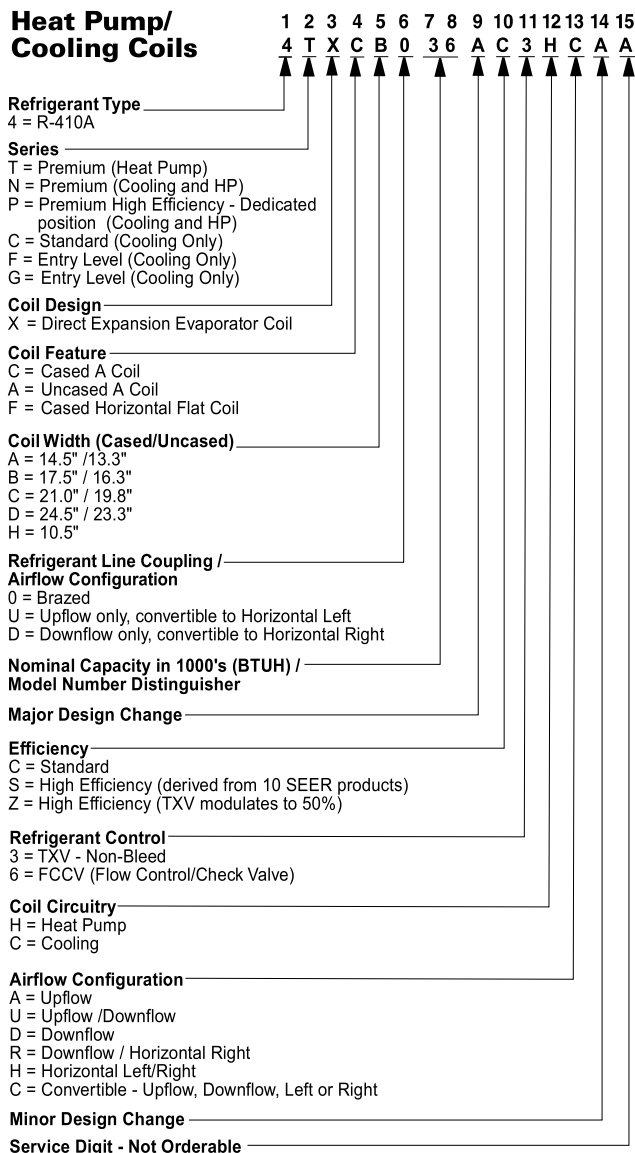
Service Digit - Not Orderable

Model Nomenclature Residential

Oil Furnaces (Legacy)



Heat Pump/ Cooling Coils



Model Nomenclature Residential

American Standard AccuClean™ Whole Home Air Cleaner

Brand	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Filtration	A	F	D	1	4	5	A	L	F	R	0	0	0	A	A
ifD															
Size															
Furnace Upflow	145 = 14.5"														
Furnace Downflow	14D = 14.5"														
Air Handler	215 = 21.5"														
	175 = 17.5"														
	17D = 17.5"														
	210 = 21.0"														
	21D = 21.0"														
	245 = 24.5"														
	24D = 24.5"														
Major Design Series															
Power Supply															
L = Low Voltage															
Application															
AH000 = Air Handler															
FR000 = Furnace															
Minor Design															
Service Sequence Not Orderable															

TXV Kits

Refrigerant	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
4 = R-410A	2	A	Y	T	X	V	H	3	A	2	5	3	1	A	A
2 = R-22															
Accessory															
Accessory Type															
TXV Kit															
Compatibility															
Cooling & Heat Pump Compatible															
Flow Control															
3 = TXV - Non Bleed															
Major Design Change															
B = Internally Mounted (Mechanical Fittings)															
C = Internally Mounted (Mechanical Fittings)															
D = Internally Mounted (Mechanical Fittings)															
Minimum Nominal Capacity in 000's BTU's															
Maximum Nominal Capacity in 000's BTU's															
Minor Design Change															
Service Digit - Not Orderable															

Perfect Fit™ Air Cleaner

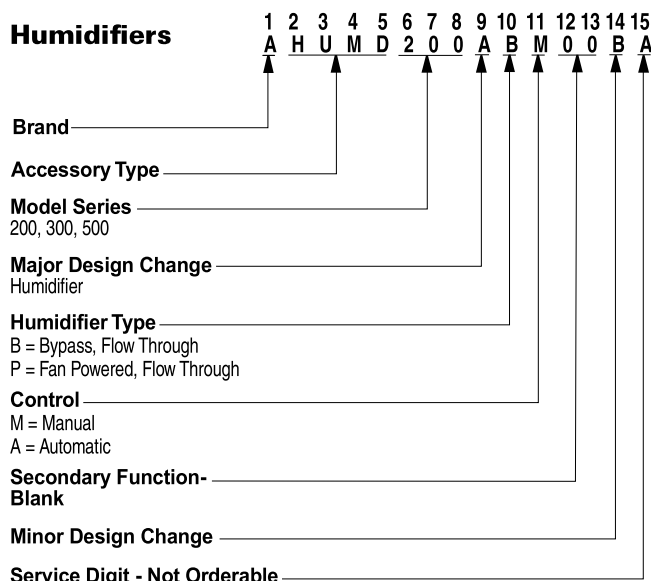
Filter	1	2	3	4	5	6	7	8	9	10	11	12
Filter Type	T	F	M	175	B	0	FR	1	1			
M = Media, 5 Inch, 1 Inch												
Product Dimension												
145 = 14.5 Inch Furnace Width												
215 = 21.5 Inch Air Handler Width												
175 = 17.5 Inch Furnace Width												
235 = 23.5 Inch Air Handler Width												
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												
9 = 140V												
Product Description												
AH = Air Handler												
FR = Furnace												
Minor Design Change												
Service Digit - Not Orderable												

Perfect Fit™ Filter Accessories

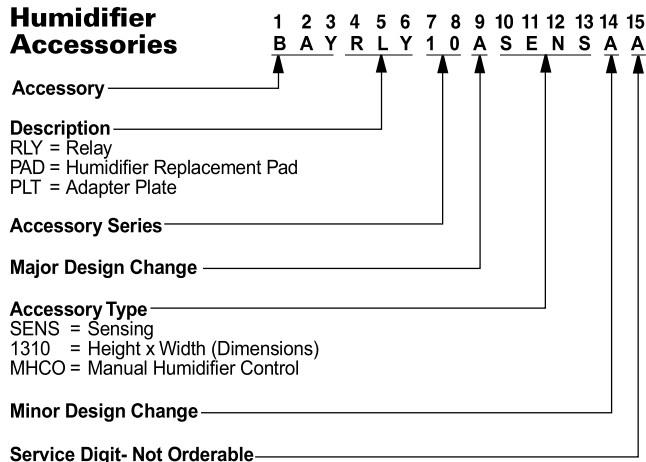
Business Unit	1	23	45	67	89	10	11	12
Accessory	B	AY	FT	FR	EX	M	2	A
Filter								
Product Type								
AH = Air Handler								
FR = Furnace								
Size								
EX = Expandable								
Type								
M = Media, 5 Inch								
Quantity								
1 = 1								
2 = 2								
4 = 4								
D = Dozen								
Minor Design Change								

Model Nomenclature Residential

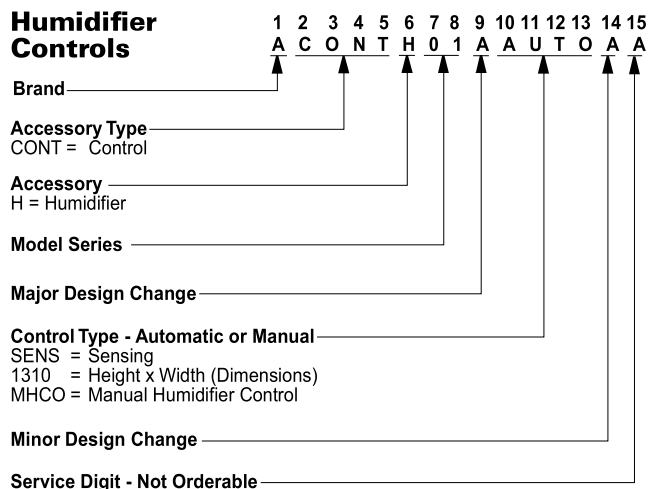
Humidifiers



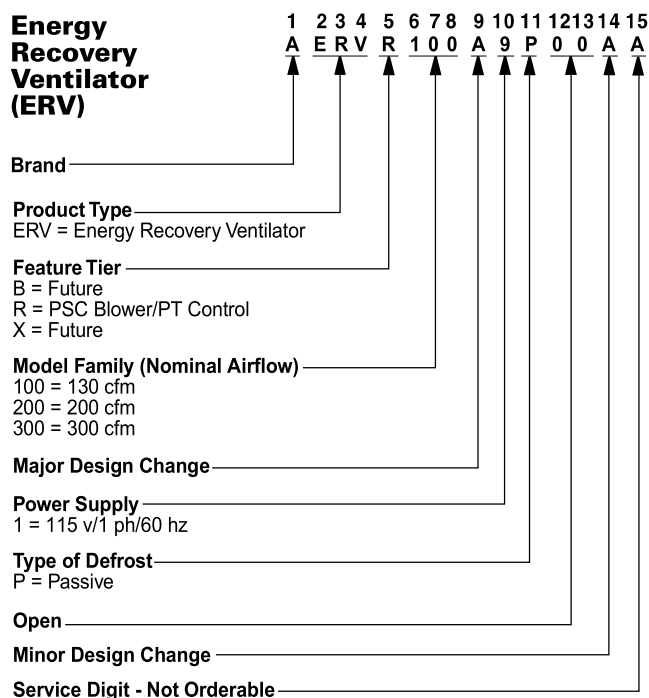
Humidifier Accessories



Humidifier Controls



Energy Recovery Ventilator (ERV)



Model Nomenclature Residential

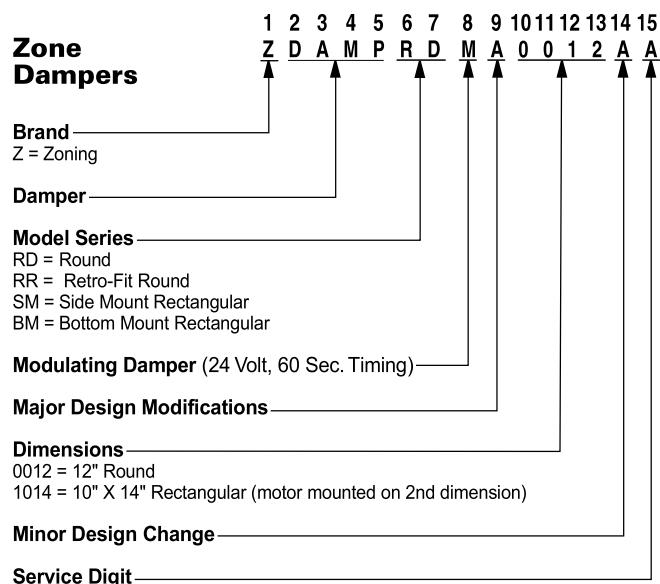
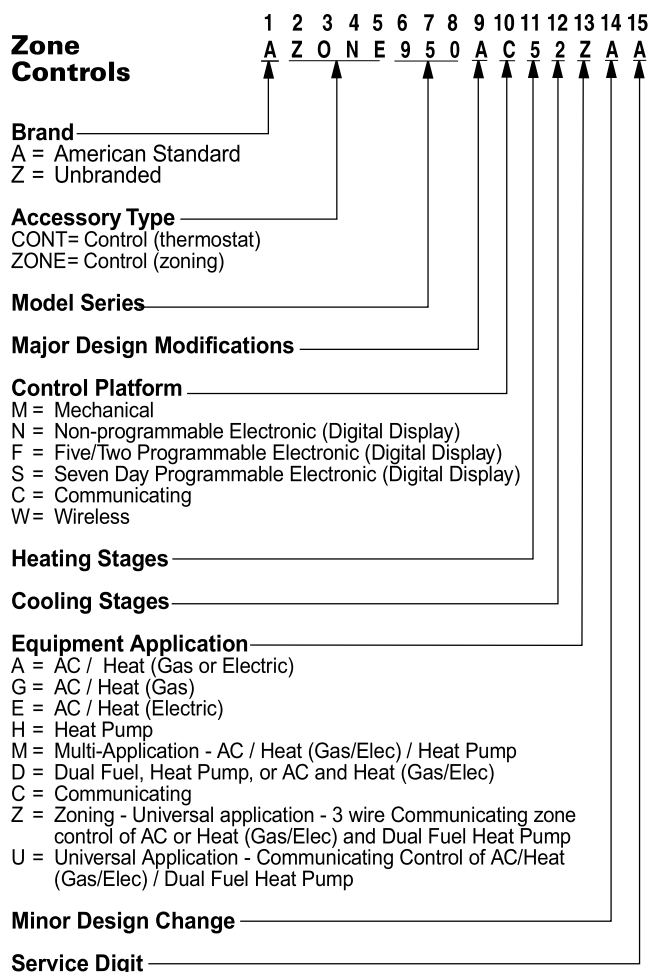
Packaged Units

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	4	Y	C	X	3	0	4	2	A	3	0	8	0	A	A
Refrigerant 4 = R-410A															
Type YC = Gas Electric WC = Heat Pump DC = Dual Fuel TC = Air Conditioner															
Model Tier C = Entry Level X = Upgrade Y = Premium Z = Leadership - (2-Stage)															
Efficiency Tier 3 = 13 SEER 4 = 14 SEER 6 = 16 SEER															
Capacity in 1000's (BTUH) 018 042 024 048 030 060 036															
Major Design Change															
Voltage & Phase 1 = 230V 1 Phase 3 = 230V 3 Phase 4 = 460V 3 Phase															
Gas Heat Input (MBTU/H) 000 (AC or HP) 075 040 096 064 120															
Minor Design Change															
Service Digit - Not Orderable															

Packaged Units

	1	2	3	4	5	6	7	8	9	10	11	12
	Y	C	X	0	3	6	G	1	M	0	A	0
Product Type TC = Cooling, Electric Heat WC = Heat Pump Packaged YC = Gas Electric DC = Heat Pump 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) 018 = 1 1/2 Tons 060 = 5 Tons 024 = 2 Tons 150 = 12 1/2 Tons 030 = 2 1/2 Tons 180 = 15 Tons 036 = 3 Tons 210 = 17 1/2 Tons 042 = 3 1/2 Tons 240 = 20 Tons 048 = 4 Tons 300 = 25 Tons												
Commercial High Efficiency Units 151 = 12 1/2 Tons 181 = 15 Tons 211 = 17 1/2 Tons 241 = 20 Tons 301 = 25 Tons												
Major Design Change F = Impact - Side by Side - Ft. Smith Only B = Over/Under - Ft. Smith Only G = Impact Plus - Side by Side - Ft. Smith Only												
Electrical Characteristics 1 = 208-230/1/60 3 = 208-230/3/60 4 = 460/3/60												
Secondary Capacity And/Or Factory-Installed Options 00 = 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

Brand
M = Indoor Unit
U = Pro Series

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

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

Efficiency Tier
65 = 16+ SEER
85 = 18+ SEER
20 = up to 20 SEER Pro Series
27 = up to 27 SEER

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

Major Development Sequence
A = First Development Sequence
B = Second Development Sequence

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

Reserved for Future Use
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 = First Design Sequence
B = Second Design Sequence

Service Digit
A = First Sequence

1 2 3 4 5-6 7-8 9 10 11 12 13 14 15
4 M X K 65 12 A 1 0 N 0 B A

Ductless Outdoor Unit

Refrigerant
4 = R-410A

Brand
T = 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
65 = 16+ SEER
85 = 18+ SEER
20 = up to 20 SEER Pro Series
27 = up to 27 SEER

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

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

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

Reserved for Future Use
0 = Not Currently Used

**Regional Markets Served (1:1 Systems)
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 = First Design Sequence
B = Second Design Sequence

Service Digit
A = First Sequence

1 2 3 4 5-6 7-8 9 10 11 12 13 14 15
4 T X K 65 12 A 1 0 N 0 B A

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	0	9	0	D	3	H	R	B	0
Product Type _____	↑											
TTA = Split Cooling TWA = Split Heat Pump												
Nominal Gross Cooling Capacity (MBh) _____	↑											
Cooling	↑											
090 = 7 1/2 Tons	↑											
120 = 10 Tons	↑											
150 = 12 1/2 Tons	↑											
180 = 15 Tons	↑											
240 = 20 Tons	↑											
Heat Pump	↑											
090 = 7 1/2 Tons	↑											
120 = 10 Tons	↑											
180 = 15 Tons	↑											
240 = 20 Tons	↑											
Compressor _____	↑											
D = Single Compressor (R-410A)												
E = Dual Compressors (R-410A)												
F = Dual Manifolded Compressors (R-410A)												
Electrical Characteristics _____	↑											
3 = 208 - 230/3/60 4 = 460/3/60 W=575/3/60												
Factory-Installed Options _____	↑											
0 = No Hail Guard												
H = Hail Guard												
Factory-Installed Options _____	↑											
0 = Packed Stock, No Options												
S = Epoxy Coil												
R = ReliaTel™												
T = ReliaTel™ with Epoxy Coil												
Minor Design Change _____	↑											
Service Digit - Not Orderable _____	↑											

Air Handler - Commercial

	1	2	3	4	5	6	7	8	9	10	11	12
	T	W	E	0	9	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) _____	↑											
060 = 5 Tons 180 = 15 Tons												
090 = 7 1/2 Tons 240 = 20 Tons												
120 = 10 Tons 300 = 25 Tons												
150 = 12 1/2 Tons												
Refrigeration Circuits _____	↑											
D = Single Circuit												
E = Dual Circuit, R-410A												
Electrical Characteristics _____	↑											
1 = 208-230/1/60												
3 = 208-230/3/60												
4 = 460/3/60												
Factory Installed Options _____	↑											
00 = Packed Stock (No Options), Standard Motor - Electromechanical												
03 = 2 speed VFD Standard Motor - Electromechanical Controls												
04 = 2 speed VFD Oversized Motor - Electromechanical Controls												
R3 = SZVAV VFD Standard Motor - ReliaTel Controls™												
R4 = SZVAV VFD Oversized Motor - ReliaTel Controls™												
Minor Design Change _____	↑											
Service Digit - Not Orderable _____	↑											

Model Nomenclature Light Commercial

Packaged Units

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

Digit 1 – Unit Type

T = DX Cooling
Y = DX Cooling, Gas Heat

Digit 2 – Efficiency

H = High Efficiency

Digit 3 – Airflow

C = Convertible

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

037 = 3 Tons
047 = 4 Tons
067 = 5 Tons

Digit 7 – Major Design Sequence

E = R-410A Refrigerant

Digit 8 – Voltage Selection

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

Digit 9 – Unit Controls

R = ReliaTel™ Microprocessor

Digit 10 – Heating Capacity

0 = No Electric Heat G = 18 kW (1&3 phase)
B = 6 kW (3 phase) J = 23 kW (3 phase)
E = 12 kW (3 phase)
L = Low Heat
M = Medium Heat
H = High Heat
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^①

Digit 12,13 – Service Sequence

**Factory Assigned

Digit 14 – Fresh Air Selection

0 = No Fresh Air
A = Manual Outside Air Damper 0-50%^②
B = Motorized Outside Air Damper 0-50%
C = Economizer, Dry Bulb 0-100% without Barometric Relief^③
D = Economizer, Dry Bulb 0-100% with Barometric Relief^③
E = Economizer, Reference Enthalpy 0-100% without Barometric Relief^③
F = Economizer, Reference Enthalpy 0-100% with Barometric Relief^③
G = Economizer, Comparative Enthalpy 0-100% without Barometric Relief^③
H = Economizer, Comparative Enthalpy 0-100% with Barometric Relief^③

Digit 15 – Supply Fan/Drive Type/Motor

0 = Standard Drive^④
6 = Single Zone VAV

Digit 16 – Hinged Service Access/Filters

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 Hail Guard
2 = Black Epoxy Pre-Coated Condenser Coil
3 = Black Epoxy Pre-Coated Condenser Coil with Hail Guard
4 = Complete Coat™ Condenser Coil
5 = Complete Coat™ Condenser Coil with Hail Guard

Digit 18 – Through the Base Provisions

Note: Applicable to Digit 1, T or Y models

0 = No Through the Base Provisions
A = Through the Base Electric^⑤
B = Through the Base Gas Piping^⑥
C = Through the Base Electric and GasPiping^⑥

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

0 = No Disconnect/No Circuit Breaker
1 = Unit Mounted Non-Fused Disconnect^⑦
2 = Unit Mounted Circuit Breaker^⑦

Digit 20 – Convenience Outlet

0 = No Convenience Outlet
A = Unpowered Convenience Outlet
B = Powered Convenience Outlet (three-phase only)^⑧

Digit 21 – Communications Options

0 = No Communications Interface
3 = Novar 2024 Controls
4 = Novar 3051 Controls without Zone Sensor
5 = Novar 3051 Controls Interface with DCV
6 = BACnet™ Communications Interface

Digit 22 – Refrigeration System Option

0 = Standard Refrigeration System^⑨
B = Dehumidification Option^⑩

Digit 23 – Refrigeration Controls

Note: Applicable to Digit 7 = E

0 = No Refrigeration Control^⑪
1 = Frostat
2 = Crankcase Heater^⑫
3 = Frostat and Crankcase Heater^⑫

Digit 24 – Smoke Detector^⑬

0 = No Smoke Detector
A = Return Air Smoke Detector^⑭
B = Supply Air Smoke Detector
C = Supply and Return Air Smoke Detectors^⑭

Digit 25 – Monitoring Controls

0 = No Monitoring Control^⑮
1 = Clogged Filter Switch^⑮
2 = Fan Failure Switch^⑮
3 = Discharge Air Sensing Tube^⑮
4 = Clogged Filter Switch and Fan Fail Switch^⑮
5 = Clogged Filter Switch and Discharge Air Sensing Tube^⑮
6 = Fan Fail Switch and Discharge Air Sensing Tube^⑮
7 = Clogged Filter and Fan Fail Switches and Discharge Air Sensing Tube^⑮
8 = Novar Return Air Sensor^⑯
9 = Novar 3051 Zone Sensor^⑯

① Standard on all variable stage units.
② Manual outside air damper will ship factory supplied within the unit, but must be field installed.
③ High pressure control is standard on all units.
④ Constant CFM direct drive is standard for 3-5 Ton variable stage units.

Digit 15 = 0, 6
3 Phase (3-5 ton) = High Efficiency Constant CFM

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

⑥ Through the base electric required when ordering disconnect/circuit breaker options.
⑦ Requires use of Disconnect or Circuit Breaker.

Not Available
High Efficiency
3-5 ton w/Standard Indoor Motor w/460V

⑧ Standard metering devices are TXVs.
⑨ The return air smoke detector may not fit up or work properly on the Precedent units when used in conjunction with 3rd party accessories such as bolt on heat wheels, economizers and power exhaust. Do not order the return air smoke detectors when using this type of accessory.

⑩ Return Air Smoke Detector cannot be ordered with Novar Controls.
⑪ These options are standard when ordering Novar Controls.
⑫ This option is used when ordering Novar Controls.
⑬ Includes gas piping and shutoff (field assembly required).
⑭ Not available with high temperature duct sensor accessory.
⑮ Novar Sensor utilized with Digit 21 = (4) Novar 3051 Controls without Zone Sensor.
⑯ Available for T/Y 3,4,5 ton high efficiency models.
⑰ Requires selection of 2" Pleated Filters (option B or C) for Digit 16.

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 = Convertible
D = Downflow Only^④

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

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

Digit 7 – Major Design Sequence

A

Digit 8 – Voltage Selection

3 = 208-230/60/3
4 = 460/60/3
W = 575/60/3

Digit 9 – Unit Controls

E = Electromechanical

Digit 10 – Heating Capacity

Note: (Applicable to Digit 1 E models only)

0 = No Heat
G = 18 kW Electric Heat
N = 36 kW Electric Heat
P = 54 kW Electric Heat
R = 72 kW Electric Heat

Note: (Applicable to Digit 1 E models only)

H = Gas Heat - High^②
L = Gas Heat - Low
M = Gas Heat - Medium
X = Gas Heat - SS Ht Ex - Low
W = Gas Heat - SS Ht Ex - Medium
Z = Gas Heat - SS Ht Ex - High^④

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 = Motorized Outside Air Damper 0-50%
C = Economizer, Dry Bulb 0-100% without Barometric Relief
D = Economizer, Dry Bulb 0-100% with Barometric Relief^①
E = Economizer, Reference Enthalpy 0-100% without Barometric Relief
F = Economizer, Reference Enthalpy 0-100% with Barometric Relief^①
G = Economizer, Comparative Enthalpy 0-100% without Barometric Relief
H = Economizer, Comparative Enthalpy 0-100% with Barometric Relief^①

Digit 15 – Supply Fan/Drive Type/Motor

0 = Standard Motor
1 = Oversized Motor
7 = Multi-Speed Standard Motor
9 = Multi-Speed Oversized Motor

Digit 16 – Not Used

Digit 17 – Condenser Coil Protection

0 = Standard Coil
4 = CompleteCoat™ Condenser Coil

Digit 18 – Through The Base Provisions

Note: (Applicable to Digit 1, E models)

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

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

0 = No Through The Base Provisions
A = Through The Base Electric
B = Through The Base Gas^①
C = Through The Base Electric/Gas

Digit 19 – Disconnect Switch

0 = No Disconnect/circuit break
1 = Unit Mounted Non-Fused Disconnect Switch^②

Digit 20 – Not Used

Digit 21 – Not Used

Digit 22 – Not Used

Digit 23 – Not Used

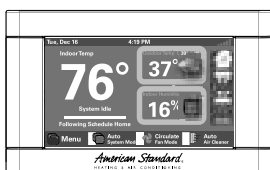
Digit 24 – Not Used

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 Built-to-Order. Check order services for estimated production cycle.
④ High heat is available on dowflow units only.

Conventional 24 Volt Connected Controls



GOLD 824
ACONT824AS52DA



ACONT824AS52DA

- 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 ^{1,2}
- 4.3" diagonal HD color touchscreen
- Compatible with non-communicating conventional 24 Volt systems
- Cooling, heating, heat pump, and dual fuel
- 7 Day programmable with up to six schedules per day
- Five day weather forecast, weather radar, and weather alerts ¹
- Indoor relative humidity display
- Enhanced dehumidification
- 2 Auxiliary dry contacts
- Control 2 of the following: Whole house humidifier, dehumidifier, or ventilation system
- Test modes and alert diagnostics
- Nexia Diagnostics
- Upgradeable software
- Silver/Gray color
- Limited Warranty: 5 yr. base/10 yr. registered

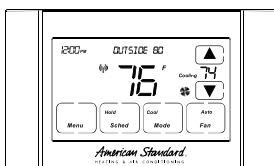
Application:

HVAC system compatibility:

- 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 Indoor Sensor (optional): ZZSENSAL0400AA
- Remote Outdoor Sensor (optional): BAYSEN01ATEMPA
- PWM Circuit (BK terminal): controls indoor unit variable speed blowers
- 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 624
ACONT624AS42DA



ACONT624AS42DA

- NEXIA™ Home Intelligence compatible
- Z-wave comfort control
- Control from a smartphone, tablet, or computer ^{1,2,3}
- 4.3" diagonal black and white touchscreen
- Compatible with conventional 24 volt HVAC, heat pump, dual fuel, and conventional boiler systems (baseboard and radiator)
- 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
- Upgradeable software
- Silver/Gray color
- Limited Warranty: 1 yr. base/5 yr. registered

Application:

HVAC system compatibility:

- Up to 4 Stages Heat/2 Stages Cool
- Conventional gas/electric, heat pump, and dual fuel systems
- Conventional boiler systems (baseboard & radiators)
- Remote Indoor Sensor (optional): ZZSENSAL0400AA
- Remote Outdoor Sensor (optional): BAYSEN01ATEMPA
- Wall Cover Plate BAYCOVR800A
- Use with Nexia Bridge for Nexia™ Home Intelligence compatibility ^{1,2}

Dimensions:

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

¹ Requires high speed router, internet service, and connection to Nexia™ Home Intelligence.

² Nexia™ Home Intelligence monthly service fee is waived when connecting up to 4 (any combination) of the following connected controls: a) ACONT824; b) ACONT850; c) AZONE950; d) ACONT624 and includes up to 4 (1 per control) light/appliance modules.

³ Requires Nexia Bridge

AccuLink™ Communicating Connected Controls



**PLATINUM 950
AZONE950AC52ZA**



AZONE950AC52ZA

- NEXIA™ Home Intelligence compatible
- WiFi (802.11 b/g/n)
- Control from a smartphone, tablet, or computer ^{1,2,3}
- 7" diagonal HD color touchscreen
- Compatible with AccuLink™ II 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 6 schedules per day
- Five day weather forecast, weather radar, and weather alerts ¹
- Indoor relative humidity display
- Control up to 3 accessory devices with relay panel model BAY24VRPAC52DB
- Whole house humidifier, dehumidifier, or ventilation system
- Test modes and diagnostic screens
- Nexia Diagnostics
- Upgradeable software
- Silver/Gray color
- Limited Warranty: 5 yr. base/10 yr. registered

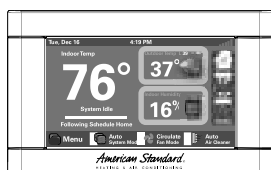
Application:

HVAC system compatibility:

- AccuLink™ II communicating systems (variable speed and two stage)
- 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.

Dimensions:

- Product: 7.3"w x 4.3"h x 1.2"d
- Display: 6.1"w x 3.6"h



**PLATINUM 850
ACONT850AC52UA**



ACONT850AC52UA

- NEXIA™ Z-Wave Bridge Inside
- Connect over Z-Wave devices
- WiFi (802.11 b/g/n) or Ethernet connection
- Control from a smartphone, tablet, or computer ^{1,2}
- 4.3" diagonal HD color touchscreen
- Compatible with AccuLink™ II 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 ¹
- Indoor relative humidity display
- Test modes and alert diagnostics
- Nexia Diagnostics
- Upgradable software
- Silver/Gray color
- Wall Cover Plate BAYCOVR800A
- Limited Warranty: 5 yr. base/10 yr. registered

Application:

HVAC system compatibility:

- AccuLink™ II communicating systems (variable speed and two stage)
- 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.

Dimensions:

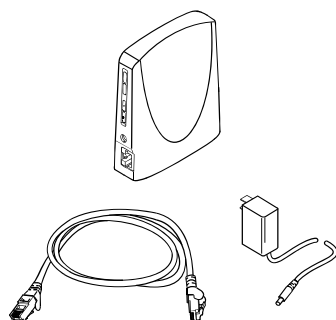
- Product: 5.43"w x 3.39"h x 1.30"d
- Display: 4.15"w x 2.65"h

¹ Requires high speed router, internet service, and connection to Nexia™ Home Intelligence.

² Nexia™ Home Intelligence monthly service fee is waived when connecting up to 4 (any combination) of the following connected controls: a) ACONT824; b) ACONT850; c) AZONE950; d) ACONT624 and includes up to 4 (1 per control) light/appliance modules.

³ Requires Nexia Bridge

NEXIA Bridges & Starter Bundles



Nexia Bridge

NEXIA Bridge

SKU: 811097020006

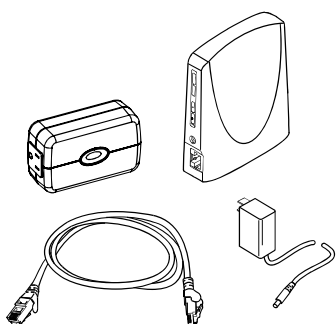
- Includes NEXIA Bridge (Z-Wave to broadband), ethernet cable, and power supply
- The NEXIA Bridge allows remote access of Z-Wave enabled devices through your smart phone, tablet, or P.C.
- Secure Connection with server for homeowner protection
- Easy Installation and Set-Up

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

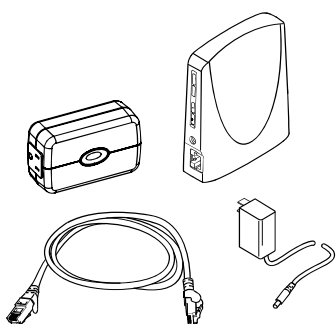
- Includes NEXIA Bridge (Z-Wave to broadband), one RP100BX Home Appliance Module, ethernet cable, and power supply
- The NEXIA Bridge allows remote access of Z-Wave enabled devices through your smart phone, tablet, or P.C.
- Secure Connection with server for homeowner protection
- Easy Installation and 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 1.6" d
- Shipping Weight: 2 lbs.



Nexia Bridge Starter Bundle with Light Dimmer Module

NEXIA Home starter bundle

SKU: 811097020327

- Includes NEXIA Bridge (Z-Wave to broadband), one RP200RVNNSL Dimmer Light 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
- Dimmer Lighting Module: 4.0" W x 2.4" H x 1.6" d
- Shipping Weight: 2 lbs.

NEXIA Compatible Products

Dimmer Modules



Light Dimmer Module

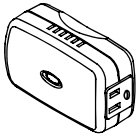
Dimmer Light Module

SKU: 811097020082

- Dimmer Light Module and Z-Wave Signal Repeater
- Used to control and dim plug-in incandescent lighting¹

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

Alliance 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 control¹
- May be used to control/reduce standby loss from plug-in power supplies and small electronic loads

Application:

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

Lighting



Z-Wave Light Bulb

LED Light Bulb

SKU: 093863132995

- 60 watt equivalent LED dimmable Z-Wave light bulb
- Compatible with any certified Z-Wave based system such as Nexia Home Intelligence¹
- Instant on and fully dimmable
- 22.8 years life at 3 hours per day average use
- 2700K soft white light
- Light can be activated, deactivated and fully dimmed remotely¹
- Light can be triggered from compatible sensors and locks

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:

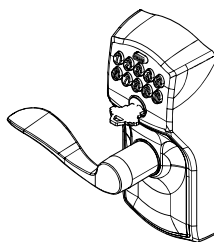
- Quantity - 10 units
- 4.5" x 3.3" x 5.3"

Warranty

- 1-Year Limited Warranty

NEXIA Compatible Products

Locks and Deadbolts



Lever Lock

Lever Lock

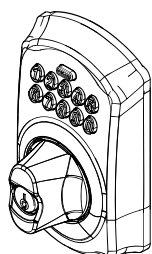
- Remotely engage/release locking mechanism from a computer or compatible web enabled mobile device ¹
- Confirm lock status from a computer or compatible web enabled mobile device ¹
- Assign up to 19 personalized 4 digit codes
- Up to 3 year battery life
- Provides battery level status at the lock and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

Model number and finish:

- BAY599BBALLFEA - Bright Brass
SKU: 043156296231
- BAY599SNALLFEA - Satin Nickel
SKU: 043156296248
- BAY599ABALLFEA - Aged Bronze
SKU: 043156296255

Dimensions:

- Carton Size: 6" x 7.75" x 9.56"
- Shipping Weight: 5.5 lbs.



Deadbolt

Deadbolt Lock

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

Model number and finish:

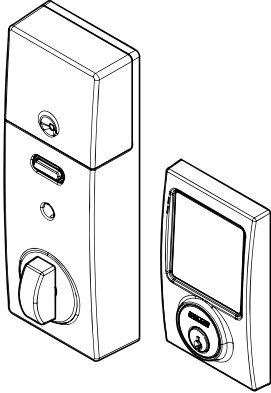
- BAY369BBADBEEA - Bright Brass
SKU: 043156295982
- BAY369SNADBEEA - Satin Nickel
SKU: 043156296187
- BAY369ABADBEEA - Aged Bronze
SKU: 043156296194

Dimensions:

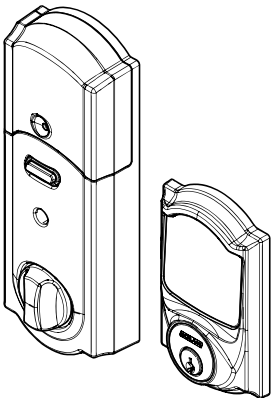
- Carton Size: 5.75" x 7.93" x 8.5"
- Shipping Weight: 6 lbs.

NEXIA Compatible Products

Locks and Deadbolts



**Touchscreen Deadbolt
Century**



**Touchscreen Deadbolt
Camelot**

BAY469 (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
- 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:

Century

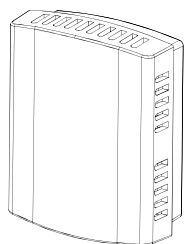
- BAY469SNACENEA - Satin Nickel
SKU: 043156312283
- Camelot
- BAY469SNACAMEA - Satin Nickel
SKU: 043156312108
- BAY469ABACAMEA - Aged Bronze
SKU: 043156312191

Dimensions:

- Century: Outside 3.0"w x 5.0" H
Inside 3.0"w x 8.17"h
- Camelot: Inside 3.0"w x 5.0" H
Inside 3.0"w x 8.28"h
- Shipping Weight: 3.8 lbs.

NEXIA Compatible Products

Remote Temperature Sensors



Remote Indoor Sensor

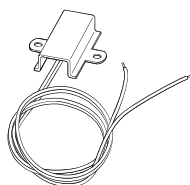
ZZSENSAL0400AA

- Remote Indoor Sensor for Use with AZONE950AC, ACONT850AC, ACONT824AS, ACONT624AS, ACONT402AN, ACONT401AN, BAY24VRPAC52D*.
- Operating Ambient Temperature Range: 20° to 120°F (-6.7° to 48.9°C)
- Display Range: 20° to 120°F (-6.7° to 48.9°C)
- Sensor Accuracy: +/- .5°F at 75°F

- Operating Relative Humidity: 5% to 90% non-condensing

Dimensions in. (mm):

- 1.54 (39)w x 1.93 (49)h x .625 (1.6)d
- Storage Temperature: -40° to 140°F (-40° to 60°C)
- Finish: White



Remote Outdoor Sensor

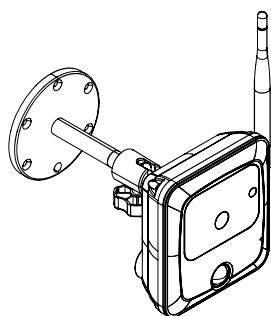
BAYSEN01ATEMPA

- Remote Indoor Sensor for Use with AZONE950AC, ACONT850AC, ACONT824AS, ACONT624AS, ACONT402AN, ACONT401AN, BAY24VRPAC52D*.

Accuracy

- +/- 1.5°F over 32°F to 100°F
- Display Range
- -40°F to 140°F

Wireless Cameras



Wireless Outdoor Camera

Wireless Outdoor Camera

SKU: 811097020303

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

Application:

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

Dimensions:

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



Wireless Indoor Camera

Wireless Indoor Camera

SKU: 811097020174

- Wireless Web Camera
- Outdoor, fixed camera (power supply included)
- 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
- Privacy button

Application:

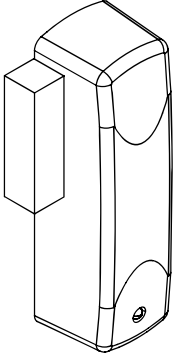
- Resolution: VGA (640x480)
- Operating Temp: -10C to 45C
- Wireless: 802.11b/g, WEP 64/128, WPA-PSK, WPA2

Dimensions:

- 1.5" W x 3.7" H x 4.1" d
- Shipping Weight: 2 lbs

NEXIA Compatible Products

Security Sensors



Door/Window Sensor

Door/Window Sensor

SKU: 811097020105

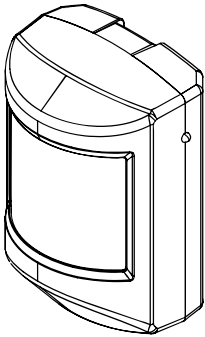
- Door / Window Sensor
- Reports open/closed status of doors and windows¹
- Set NEXIA to send notification when doors or windows are opened ¹
- Set NEXIA to change the thermostat setting when windows have been opened or closed ^{1,2}
- Simple installation and set up
- Up to 3-year battery life for normal usage, no wiring required
- For indoor use
- White and brown cover available to match your door or window

Application:

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

Dimensions:

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



Motion Sensor

Motion Sensor

SKU: 811097020112

- Motion Sensor
- Text or e-mail alert when activity is detected¹
- Trigger Nexia compatible cameras when motion is detected ^{1,3}
- Set up to turn on lights when there is activity present¹
- 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' * 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

¹ Requires high speed router, Nexia Bridge, internet service, and a Nexia™ Home Intelligence account.

² Requires Nexia compatible connected control

³ Requires Nexia compatible camera