

Conventional 24 Volt Connected Controls



GOLD 824
ACONT824AS52DA



ACONT824AS52DA

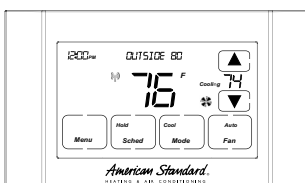
- Nexia™ Z-Wave Bridge Inside
- Connect over 200 Z-Wave devices^{①②}
- WiFi or Ethernet connection
- Control from a smartphone, tablet, or computer^{①②}
- 4.3" Color touchscreen
- 7 Day programmable with up to four schedules per day
- Five day weather forecast, weather radar, and weather alerts^①
- Indoor 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^①
- Over-the-air software upgrade^①
- 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 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^③

- Nexia™ compatible^{①②}
- WiFi connectivity
- Control from a smartphone, tablet, or computer^{①②}
- 4.3" diagonal black and white touchscreen
- 7 Day programmable with up to 4 schedules per day
- Humidity sensor and RH display
- Remote temperature sensor connections (1 indoor/1 outdoor)
- Auxiliary & compressor heat lockouts
- Auxiliary dry contact
- Enhanced dehumidification (cooling)
- PWM Circuit (BK terminal): controls indoor unit variable speed blower
- Energy Savings Mode (ESM)
- Screen lock and guest lock
- Service test modes
- Upgradable software
- Color: Designer Silver
- Limited Warranty: 1 yr. base/5 yr. registered

Application:

- Up to 4 Stages Heat/2 Stages Cool
- Conventional gas/electric, heat pump, and dual fuel systems
- Conventional boiler systems (baseboard & radiators)
- Remote wired indoor temperature sensor (optional): ZZSENSAL0400AA
- Remote wired outdoor temperature sensor (optional): BAYSEN01ATEMPA
- Wall cover plate BAYCOVR800A
- Nexia™ Bridge is required for control of Z-Wave devices and remote climate access. The Nexia™ Bridge is purchased separately.^{①②}

Dimensions:

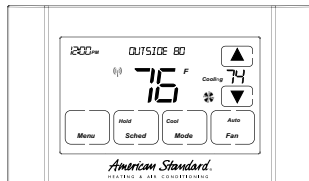
- Product: 5.9"w x 3.47"h x .95"d
- Display: 3.8"w x 2.3"h

^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

Conventional 24 Volt Connected Controls



SILVER 624
ACONT624AS42DA



ACONT624AS42DA

- Nexia™ compatible
- Z-wave connectivity
- Control from a smartphone, tablet, or computer ①②③
- 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

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^{①②}
- Nexia™ Diagnostics ^①
- WiFi or Ethernet connection
- Control from a smartphone, tablet, or computer ^{①②}
- 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 ^①
- Indoor relative humidity display
- Test modes and alert diagnostics
- Over-the-air Software Upgrade ^①
- Local Software Upgrade option
- Color: Designer Silver
- Limited Warranty: 5 yr. base/10 yr. registered

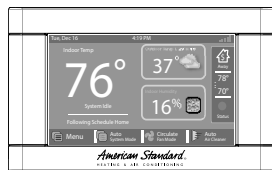
Application:

- 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 (BAY24VRP52DC) 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

^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.



PLATINUM 850
ACONT850AC52UA



AccuLink™ Communicating Connected Controls

ACONT850AC52UA

- Nexia™ Z-Wave Bridge
- Connect over 200 Z-Wave devices^{①②}
- WiFi or Ethernet connection
- Control from a smartphone, tablet, or computer ^{①②}
- 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 ^①
- Indoor relative humidity display
- Test modes and alert diagnostics
- Nexia™ Diagnostics ^①
- Over-the-air software upgrades ^①
- Local software upgrade option
- Silver color
- Wall cover plate BAYCOVR800A
- Limited Warranty: 5 yr. base/10 yr. registered

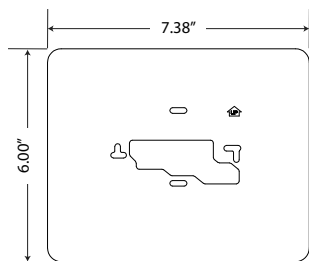
Application:

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

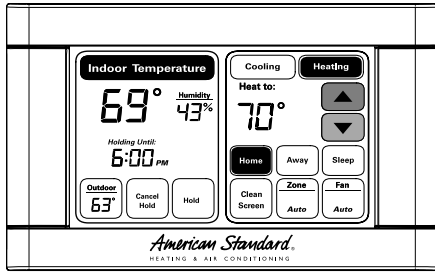
- Use with
 ACONT624AS42DA,
 ACONT724AS42DA,
 ACONT824AS52DA,
 ACONT850AC52UA

Dimensions:

- 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.

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

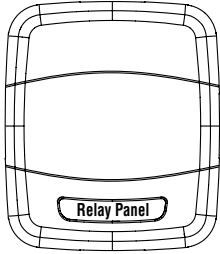
Storage Temperature:

- -40°F to 170°F, 0% - 95% RH

Operating Temperature:

- 32°F - 120°F, 5% - 90% RH non-condensing

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



BAY24VRPAC52DC

BAY24VRPAC52DC — With AUX Contact Control

- 5 Heat (Gas, Oil, Electric)/2 Cool/
Heat Pump/Dual Fuel
- Optional remote indoor temperature
connection point
- Optional remote outdoor temperature
connection point
- LED stage indicators
- Removable low voltage terminal
blocks for easy service and
replacement
- **AUX Contacts**
 - Whole-house Dehumidifier Control
 - Ventilation Control
 - Humidifier Control
- Relay Panel provides support for the
following equipment combination:
 - Variable speed heat pump and
cooling units
 - S-Series Non-communicating
Variable Speed Furnace
 - ACONT850AC52UA or
AZON1050AC52ZA

Dimensions:

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

Storage Temperature:

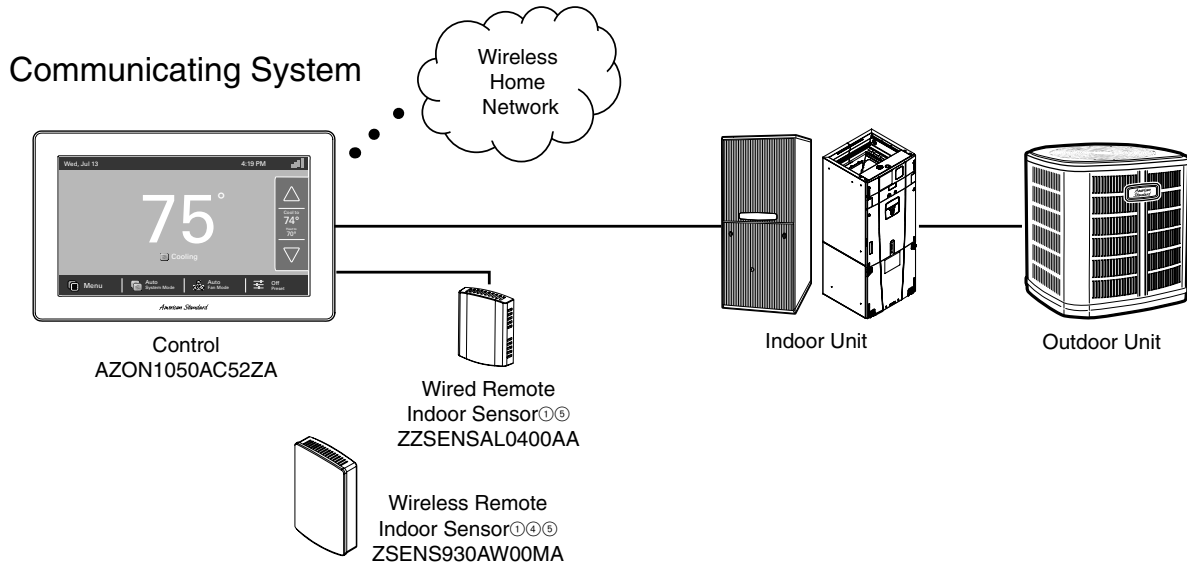
- -40° to 175°F, 5% - 95% RH
non-condensing

Operating Temperature:

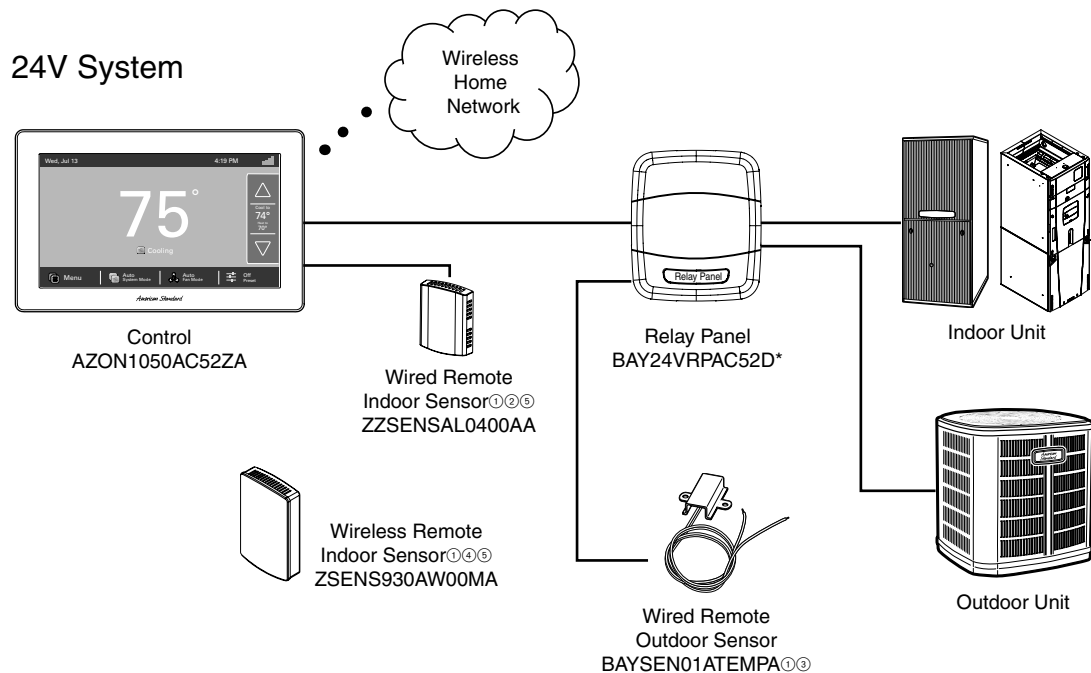
- -40° to 150°F, 5% - 95% RH
non-condensing

AccuLink™ Platinum 1050 Control Component Overview

Communicating System



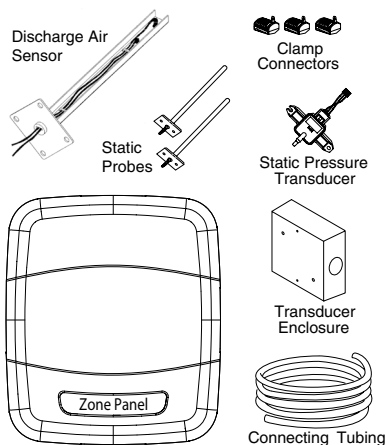
24V System



- 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

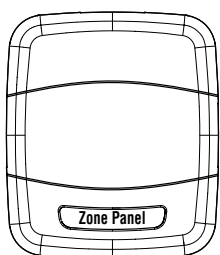
American Standard Variable Speed Indoor Unit (Air handler/Gas Furnace) required.

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

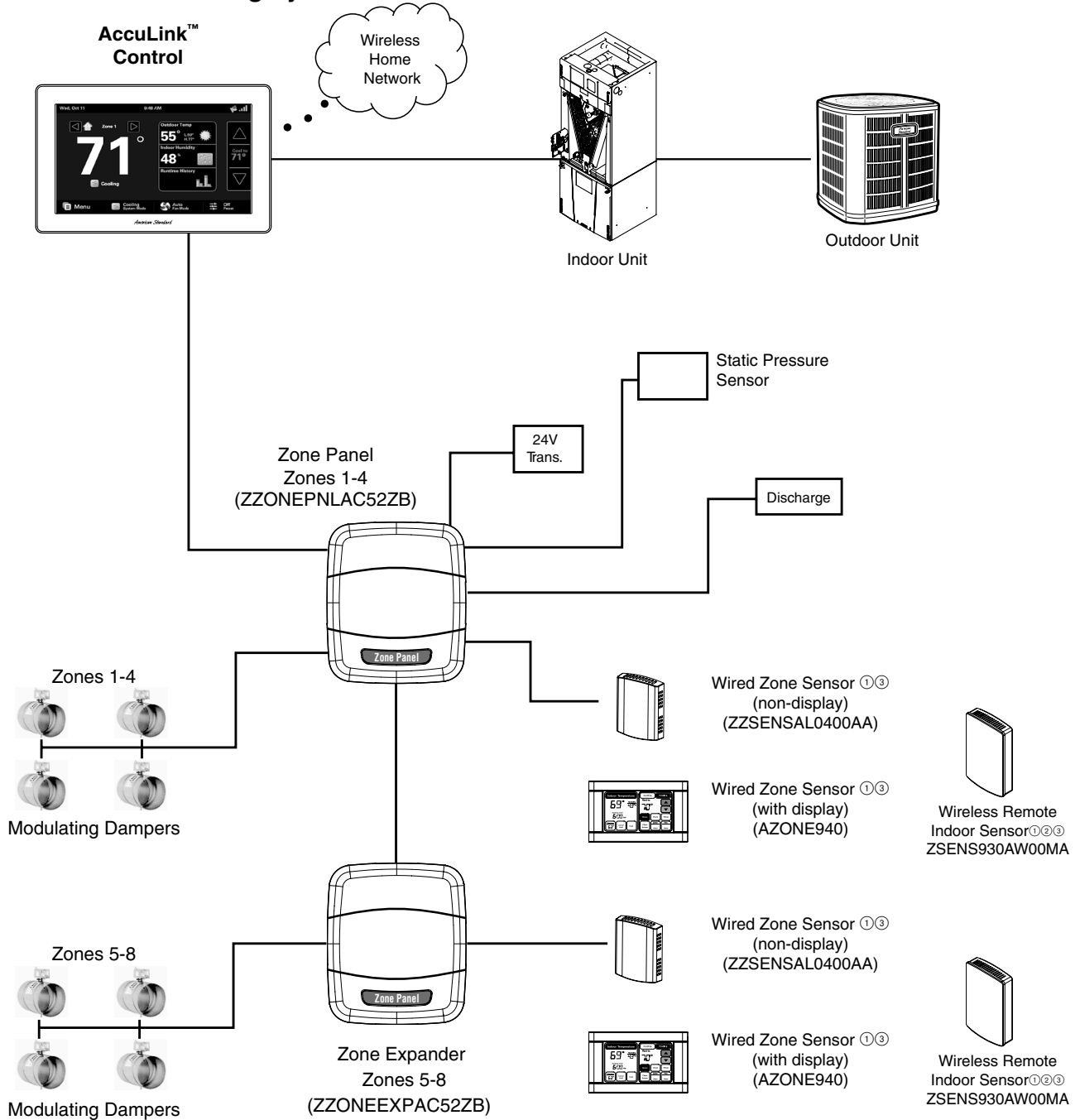
Operating Temperature:

- -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



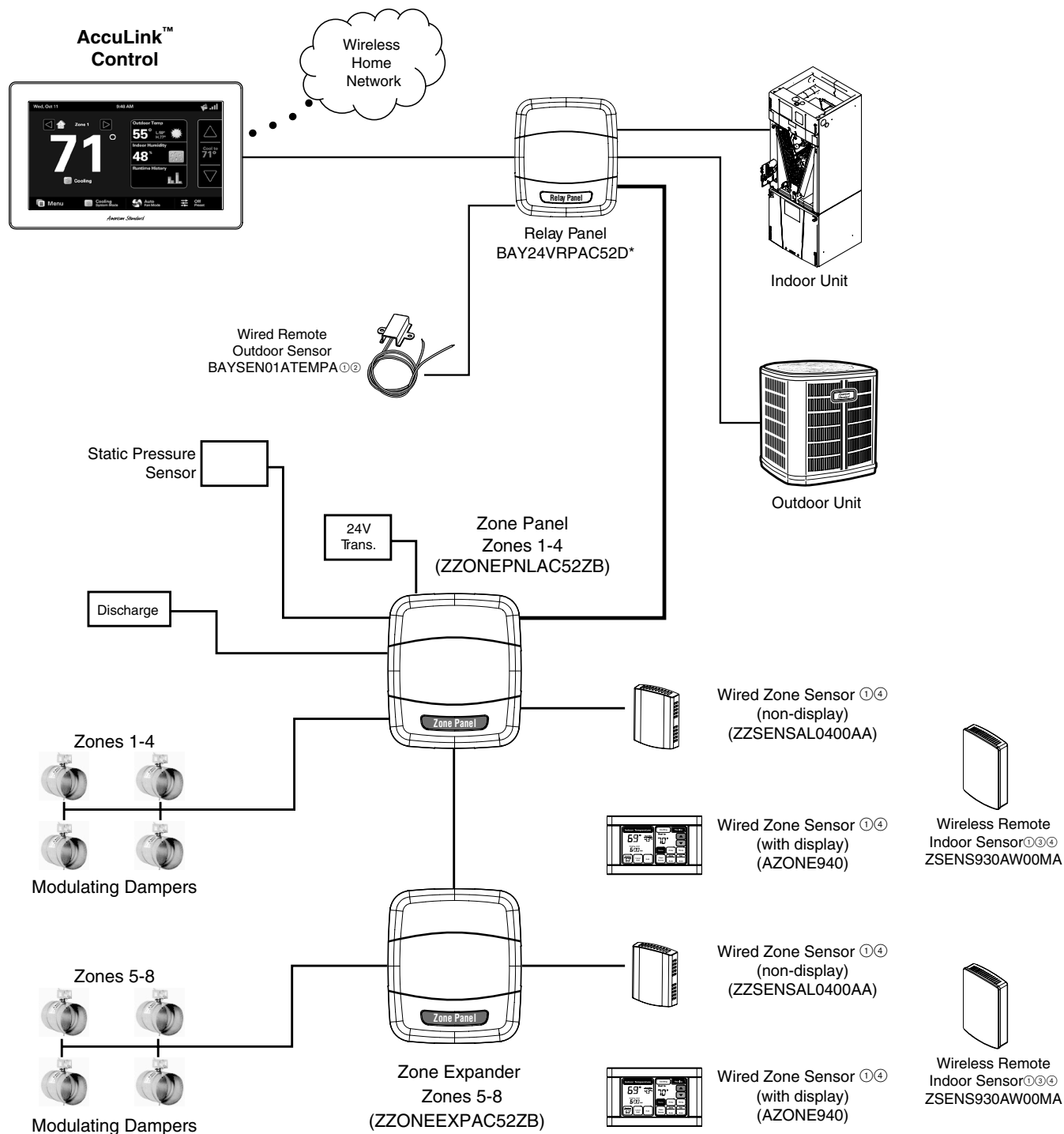
① Up to four of the following zone sensor options, one per zone, may be installed per zone panel or zone expander: AZONE940, ZZSENSAL400, or ZSENS930.

② Z-wave 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, ZZSENSAL400, or ZSENS930

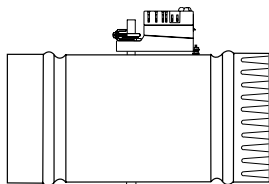
② Can alternatively be connected to the Relay Panel

③ Z-wave sensor may be added to 1050 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



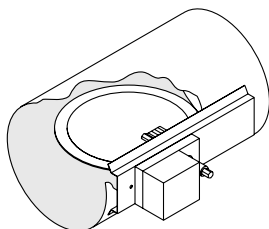
Round Dampers

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
ZDAMPRDMA0004A	24 VAC	Round	4"
ZDAMPRDMA0006A	24 VAC	Round	6"
ZDAMPRDMA0007A	24 VAC	Round	7"
ZDAMPRDMA0008A	24 VAC	Round	8"
ZDAMPRDMA0009A	24 VAC	Round	9"
ZDAMPRDMA0010A	24 VAC	Round	10"
ZDAMPRDMA0012A	24 VAC	Round	12"
ZDAMPRDMA0014A	24 VAC	Round	14"
ZDAMPRDMA0016A	24 VAC	Round	16"
ZDAMPRDMA0018A	24 VAC	Round	18"
ZDAMPRDMA0020A	24 VAC	Round	20"



Retro-Fit Round Dampers

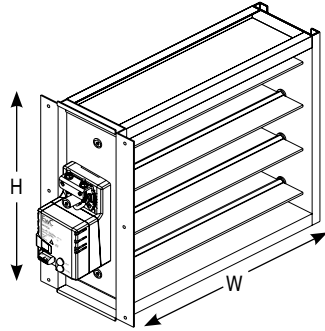
Retro-Fit Round Dampers

- 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*MMA1012A will have the motor mounted on the 12" dimension

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

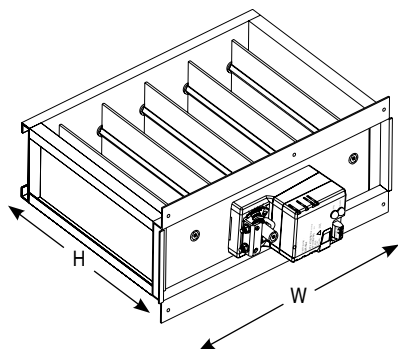
Model Number	Power Supply	Description	Uncrated Dimensions (in.)	
			W	H
ZDAMPSMMA0806A	24 VAC	Rectangular-Side Mount Actuator	8	6
ZDAMPSMMA0808A	24 VAC	Rectangular-Side Mount Actuator	8	8
ZDAMPSMMA1006A	24 VAC	Rectangular-Side Mount Actuator	10	6
ZDAMPSMMA1008A	24 VAC	Rectangular-Side Mount Actuator	10	8
ZDAMPSMMA1010A	24 VAC	Rectangular-Side Mount Actuator	10	10
ZDAMPSMMA1206A	24 VAC	Rectangular-Side Mount Actuator	12	6
ZDAMPSMMA1208A	24 VAC	Rectangular-Side Mount Actuator	12	8
ZDAMPSMMA1210A	24 VAC	Rectangular-Side Mount Actuator	12	10
ZDAMPSMMA1212A	24 VAC	Rectangular-Side Mount Actuator	12	12
ZDAMPSMMA1406A	24 VAC	Rectangular-Side Mount Actuator	14	6
ZDAMPSMMA1408A	24 VAC	Rectangular-Side Mount Actuator	14	8
ZDAMPSMMA1410A	24 VAC	Rectangular-Side Mount Actuator	14	10
ZDAMPSMMA1412A	24 VAC	Rectangular-Side Mount Actuator	14	12
ZDAMPSMMA1414A	24 VAC	Rectangular-Side Mount Actuator	14	14
ZDAMPSMMA1606A	24 VAC	Rectangular-Side Mount Actuator	16	6
ZDAMPSMMA1608A	24 VAC	Rectangular-Side Mount Actuator	16	8
ZDAMPSMMA1610A	24 VAC	Rectangular-Side Mount Actuator	16	10
ZDAMPSMMA1612A	24 VAC	Rectangular-Side Mount Actuator	16	12
ZDAMPSMMA1614A	24 VAC	Rectangular-Side Mount Actuator	16	14
ZDAMPSMMA1616A	24 VAC	Rectangular-Side Mount Actuator	16	16
ZDAMPSMMA1806A	24 VAC	Rectangular-Side Mount Actuator	18	6
ZDAMPSMMA1808A	24 VAC	Rectangular-Side Mount Actuator	18	8
ZDAMPSMMA1810A	24 VAC	Rectangular-Side Mount Actuator	18	10
ZDAMPSMMA1812A	24 VAC	Rectangular-Side Mount Actuator	18	12
ZDAMPSMMA1814A	24 VAC	Rectangular-Side Mount Actuator	18	14
ZDAMPSMMA1816A	24 VAC	Rectangular-Side Mount Actuator	18	16
ZDAMPSMMA1818A	24 VAC	Rectangular-Side Mount Actuator	18	18
ZDAMPSMMA2006A	24 VAC	Rectangular-Side Mount Actuator	20	6
ZDAMPSMMA2008A	24 VAC	Rectangular-Side Mount Actuator	20	8
ZDAMPSMMA2010A	24 VAC	Rectangular-Side Mount Actuator	20	10
ZDAMPSMMA2012A	24 VAC	Rectangular-Side Mount Actuator	20	12
ZDAMPSMMA2014A	24 VAC	Rectangular-Side Mount Actuator	20	14
ZDAMPSMMA2016A	24 VAC	Rectangular-Side Mount Actuator	20	16
ZDAMPSMMA2018A	24 VAC	Rectangular-Side Mount Actuator	20	18
ZDAMPSMMA2020A	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	Uncrated 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 gear release
- Screw terminal blocks
- 97% leak proof rating
- Sturdy aluminum blades and frame
- Motor is always located on the second dimension of the model number, i.e. ZDAMP*MMA1012A will have the motor mounted on the 12" dimension

Table CCZS-14-A — Specifications: Rectangular Dampers with Bottom Mount Actuator

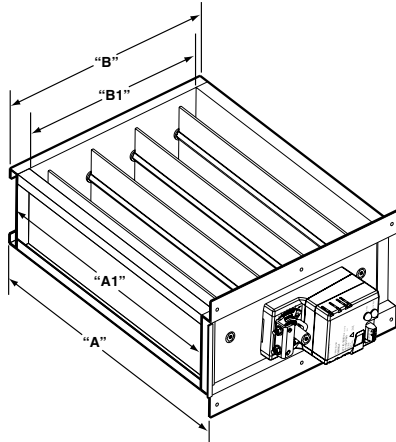
Model Number	Power Supply	Description	Uncrated Dimensions (in.)	
			H	W
ZDAMPBMMMA0810A	24 VAC	Rectangular-Bottom Mount Actuator	8	10
ZDAMPBMMMA0812A	24 VAC	Rectangular-Bottom Mount Actuator	8	12
ZDAMPBMMMA0814A	24 VAC	Rectangular-Bottom Mount Actuator	8	14
ZDAMPBMMMA0816A	24 VAC	Rectangular-Bottom Mount 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

BUILT TO A HIGHER STANDARD™

American Standard®
HEATING & AIR CONDITIONING

24 Volt Modulating Dampers

Table CCZS-15-A — Rectangular Damper Net Free Area



Listed Size Wide	Actual Outside Size A	Actual Inside Size A1	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	Act. Outside Size B	
			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 B1	
			3	3	4	5	6	7	7	8	9	10	11	11	No. of Blades	
6	5.812	4.313	19.5	28.1	34.9	41.6	48.6	55.1	63.8	70.5	77.3	84.0	90.8	99.4		
8	7.812	6.313	28.5	41.1	51.0	60.9	70.8	80.7	93.3	103.2	113.1	123.0	132.9	145.5		
10	9.812	8.313	37.5	54.2	67.2	80.2	93.2	106.3	122.9	135.9	148.9	162.0	175.0	191.6		
12	11.812	10.313	46.5	67.2	83.3	99.5	115.7	131.8	152.5	168.6	184.8	200.9	217.1	237.7		
14	13.812	12.313	55.6	80.2	99.5	118.8	138.1	157.4	182.0	201.3	220.6	239.9	259.2	283.8		
16	15.812	14.313	64.6	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	73.6	106.3	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	196.0	227.8	259.6	300.3	332.1	363.9	395.8	427.6	468.2		
24	23.812	22.313	100.7	145.4	180.3	215.3	250.2	285.2	329.8	364.8	399.8	435.2	469.7	514.3		
26	25.812	24.313	109.8	158.4	196.5	234.6	272.7	310.8	359.4	397.5	435.6	473.7	511.8	560.4		
28	27.812	26.313	118.8	171.4	212.6	253.9	295.1	336.3	389.0	430.2	471.4	512.7	553.8	606.5		
30	29.812	28.313	127.8	184.4	228.8	273.2	317.5	361.9	418.5	462.9	507.3	551.6	596.0	652.6		

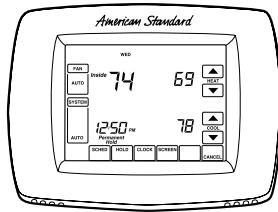
For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

CCZS-15

Effective 1/1/18
14-1011-35

Comfort Controls/Zone Sensors

Programmable 7 Day Comfort Controls


ACONT800A
ACONT800AS11AA

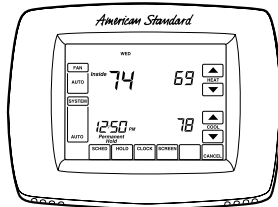
- Interactive Touchscreen
- Effortless Programming
- Large, Backlit Display
- Streamlined Design
- Armchair Programming
- Real Time Clock
- Visual Reminder Cues
- BAYCOVR600A - Wall cover plate
- Energy Saver

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
ACONT802AS32DA

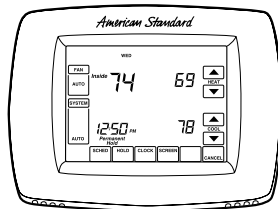
- Interactive Touchscreen
- Effortless Programming
- Large, Backlit Display
- Streamlined Design
- Armchair Programming
- Real Time Clock
- Visual Reminder Cues
- BAYCOVR600A - Wall cover plate
- Energy Saver

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
ACONT803AS32DA

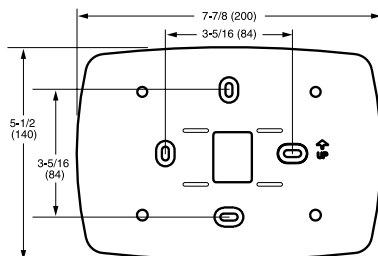
- Built-in Humidity Sensor
- Dehumidification Control
- Interactive Touchscreen
- Effortless Programming
- Large, Backlit Display
- Streamlined Design
- Armchair Programming
- Real Time Clock
- Visual Reminder Cues
- BAYCOVR600A - Wall cover plate
- Energy Saver

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

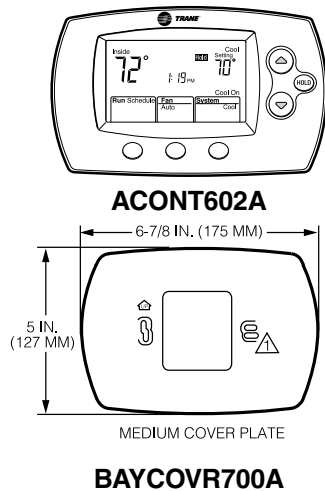
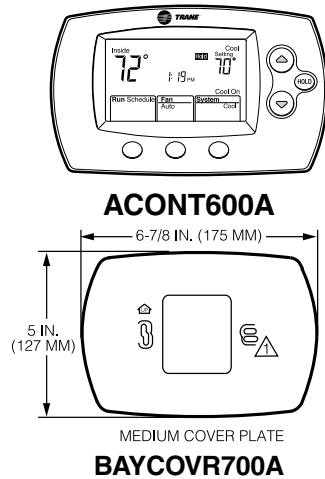

BAYCOVR600A
BAYCOVR600A
Application:

- Use with ACONT800/900A Series Comfort Controls

Dimensions:

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

Programmable 5/2 Day Comfort Controls



ACONT600AF11MA

1 Heat/1 Cool

- 5/2 or 5/1/1 Programming
- Simple to Install and Use
- Front Wired (Wires attach to wall plates)
- Standard Wiring Terminal Block
- Easy to follow Sequential Programming
- Inside and set temperatures displayed simultaneously
- No auxiliary heat capability
- Plain language (no symbols)
- Easy battery access
- Easy to understand soft key controls
- BAYCOVR700A - Wall cover plate
- 6.87" w x 5.0" h
- Finish: Bright White

ACONT602AF22MA

2 Heat/2 Cool

- 5/2 or 5/1/1 Programming
- Simple to Install and Use
- Front Wired (Wires attach to wall plates)
- Standard Wiring Terminal Block
- Easy to follow Sequential Programming
- Inside and set temperatures displayed simultaneously
- Plain language (no symbols)
- Easy battery access
- Easy to understand soft key controls
- BAYCOVR700A - Wall cover plate
- 6.87" w x 5.0" h
- Finish: Bright White

Application:

- 1 stage 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

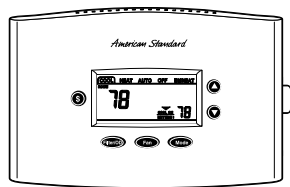
Application:

- 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

Non-Programmable Comfort Controls


ACONT402A
ACONT402AN32DA

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

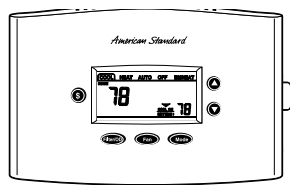
Application (3-9 Wire Hookup -2
 for Outdoor Sensor) Heat Pump*
 or A/C
 3 Heat/2 Cool
 No external Dual Fuel Kit Required
 Do not use with TAYPLUS103A
 ZZSENSAL0400AA - Remote Indoor
 Temperature Sensor

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


ACONT401A
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:

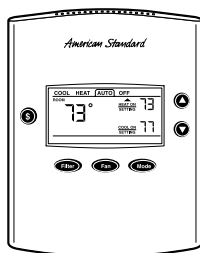
6.75" w x 4.52" h x 1.20" d

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


ACONT200A
ACONT200AN11AA ①

Auto Changeover
 Backlit Display & Keys
 Comfort Information Compar™ent
 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

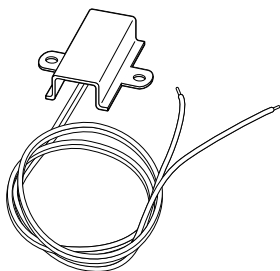
① Power Stealing 4 Wire - Resistor Terminal in Box. 4 - wire system to supply power with heating mode; both resistors must be installed for proper operation.

Remote Sensors



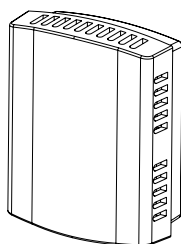
BAYSEN02ATEMPA

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



BAYSEN01ATEMPA

- Outdoor Temperature Sensor for use with AZON1050AC, AZONE950AC, ACONT850AC, ACONT824AS, ACONT624AS, ACONT402AN, ACONT401AN, BAY24VRPAC52D*.
- Accuracy
 - $\pm 1.5^{\circ}\text{F}$ over 32°F to 100°F
- Display Range
 - -40°F to 140°F

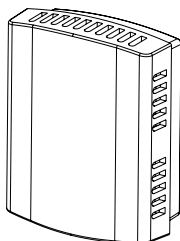


ZZSENSAL0400AA

- 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: $\pm .5^{\circ}\text{F}$ 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 (1.6)d
- Storage Temperature: -40° to 140°F (-40° to 60°C)
- Finish: White

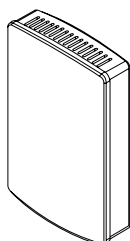


ZZSENSAL0800AA

- 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



ZSENS930AW00MA

- 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: $\pm 1^{\circ}\text{F}$ 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

TAYSTAT250B

- 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.

