

AccuLink™ Platinum ZV Control

Schlage LiNK™ is now NEXIA™ Home Intelligence



AZONE950AC52ZA

Features:

- Controls Communicating or conventional 24V HVAC systems (5 heat/2 cool/Dual Fuel) with 24V Relay Panel Accessory
- 7" High Definition Color LCD Display
- Compatible with AccuLink™ Zoning Systems - software version 2.0 or later required
- Optional faceplate colors (black, white, graphite)
- System Modes - Heat/Cool/Auto
- Fan Modes - On/Auto/Circulate
- Easy to use Touch Screen Interface
- 7 Day Programmable - (manual or guided scheduling options)
- 1-Touch Pre-Sets for Home, Away, Sleep Settings
- Customizable Home Screen (Color, Information, Layout)
- 5 Day Weather Forecast, Local Radar Image & Weather Alerts (via Wireless Home Network)
- Weekly & Monthly System Run Time Monitor
- Allergy Clean & Quick Clean Indoor Air Cycles
- Built in Dual Fuel Economic Calculator.
- Digital Photo Album with Slide Show Screen Saver Option
- Embedded Diagnostics - (Alerts have time/date stamp with on screen probable causes)
- Heating Humidification Control
 - Relative Humidity Control
 - Dew Point Control
- Cooling Dehumidification Control
- Ventilation Control
- Whole-house Dehumidifier Control
- Smart Continuous Fan (disables Cont. Fan if RH is above setpoint)
- Adjustable Continuous Fan Airflow Settings (35 to 100%)
- Service Reminders - Filters, EAC, Humidifier, HVAC System, UV Lights
- Upgradeable Firmware via internet (SD Card required)
- Remote Access Option via Internet & Cell Phone (NEXIA™ Home Intelligence six month trial subscription service included—software version 2.0 or later required)
- Keypad lock - Pin Code Option
- Security Options
- Dealer and System Information Screens
- Remote Indoor Temperature Sensor - (Optional Wired)
- Outdoor Temperature Sensor Option for 24 Volt systems
- Fahrenheit or Celsius Indoor Display Options
- 802.11 B/G - WLAN (wireless local area network) for weather feed

Dimensions:

- 7.3" width X 4.3" height X 1.2" depth

Storage Temperature:

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

Operating Temperature:

- 25°F to 126°F, 5% to 90% RH non-condensing

Optional front bezels for Platinum ZV Control:

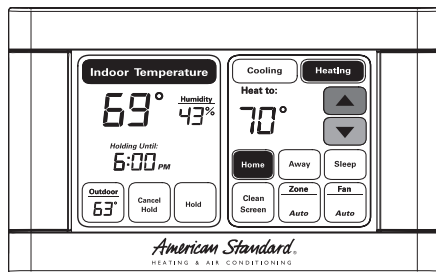
Graphite - AZGRA950ABEZEL

White - AZWHT950ABEZEL

Black - AZBLK950ABEZEL



Wired Sensor with Display



AZONE940AC52ZA

- Compatible with AccuLink™ Zoning Systems
- 3-Wire Communicating Zone Sensor
- 4.5" backlit touch screen black and white display
- Optional faceplate colors (silver/black, black, white, graphite)
- Zone Mode - Heat/Cool/Auto
- Fan Mode - Auto/On
- Synchronizes with AZONE950 Real Time Clock
- Weekly Comfort Settings scheduled from AZONE950
- Zone Schedule Override
 - Permanent Hold
 - Temporary Override
- 1-Touch Pre-Sets For Home, Away, Sleep Settings
- 24V power
- Displays Zone Temperature & Relative Humidity
- Displays Outdoor Temperature & Outdoor Relative Humidity (if available on AZONE950)
- Clean Screen Function
- Keypad lock- enabled from AZONE950
- Fahrenheit or Celsius - enabled from AZONE950 (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:

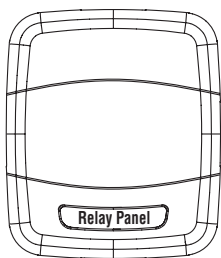
- 32°F - 120°F, 5% - 90% RH non-condensing

Optional front bezels for AZONE940 Control:

- AZSBK940ABEZEL - Silver/Black
- AZGRA940ABEZEL - Graphite
- AZWHT940ABEZEL - White
- AZBLK940ABEZEL - Black

COMING IN 2ND HALF 2012

Conventional 24 Volt HVAC System Interface Relay Panel for AccuLink™ Platinum ZV Control



BAY24VRPAC52DA

BAY24VRPAC52DA — Without AUX Contact Control

- 5 Heat (Gas, Oil, Electric)/2 Cool/Heat Pump/Dual Fuel
- Optional remote indoor temperature connection point
- Optional outdoor temperature connection point
- LED stage indicators
- Removable low voltage terminal blocks for easy service and replacement
- Humidifier Control

Dimensions:

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

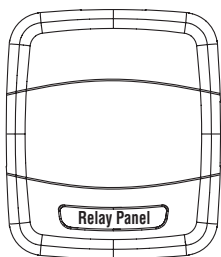
Storage Temperature:

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

Operating Temperature:

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

NOTE: For applications requiring AUX Contact Control, please use "B" model below.



BAY24VRPAC52DB

BAY24VRPAC52DB — With AUX Contact Control

- 5 Heat (Gas, Oil, Electric)/2 Cool/Heat Pump/Dual Fuel
- Optional remote indoor temperature connection point
- Optional outdoor temperature connection point
- LED stage indicators
- Removable low voltage terminal blocks for easy service and replacement
- Humidifier Control
- **AUX Contacts**
 - Whole-home Dehumidifier Control
 - Ventilation Control

Dimensions:

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

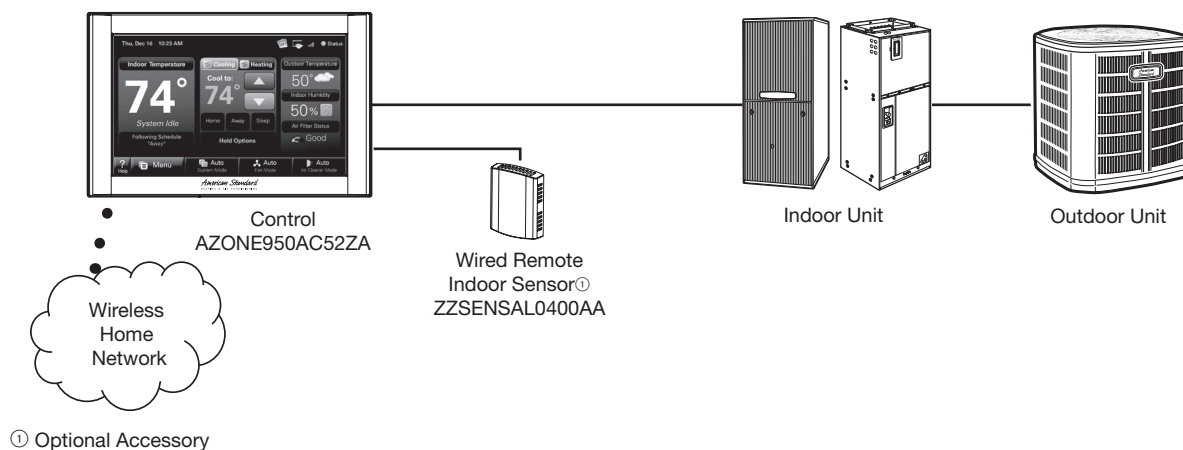
Storage Temperature:

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

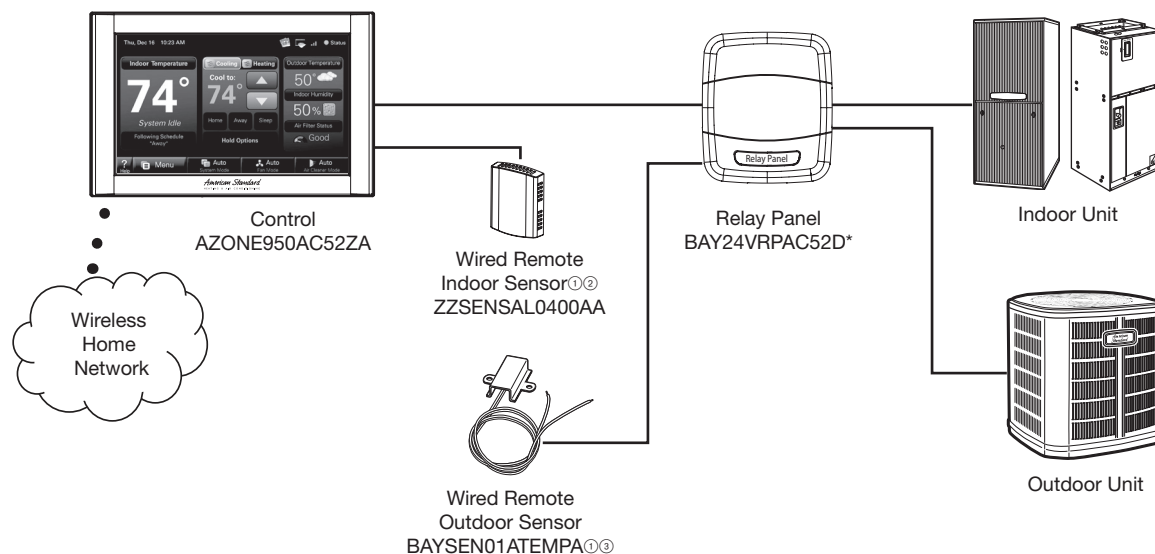
Operating Temperature:

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

Communicating System

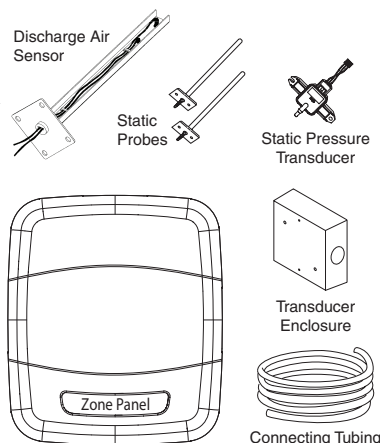


24V System



- ① Optional Accessory
- ② Can alternatively be connected to the Relay Panel
- ③ Can alternatively be connected to the 950 Control

AccuLink™ Zoning Assembly



ZZONEPNLAC52ZB

ZZONEPNLAC52ZB

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

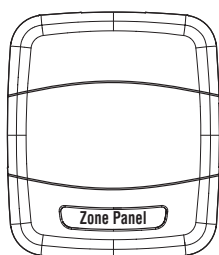
Includes:

- 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
- Optional return and mixed air sensors are available
- 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

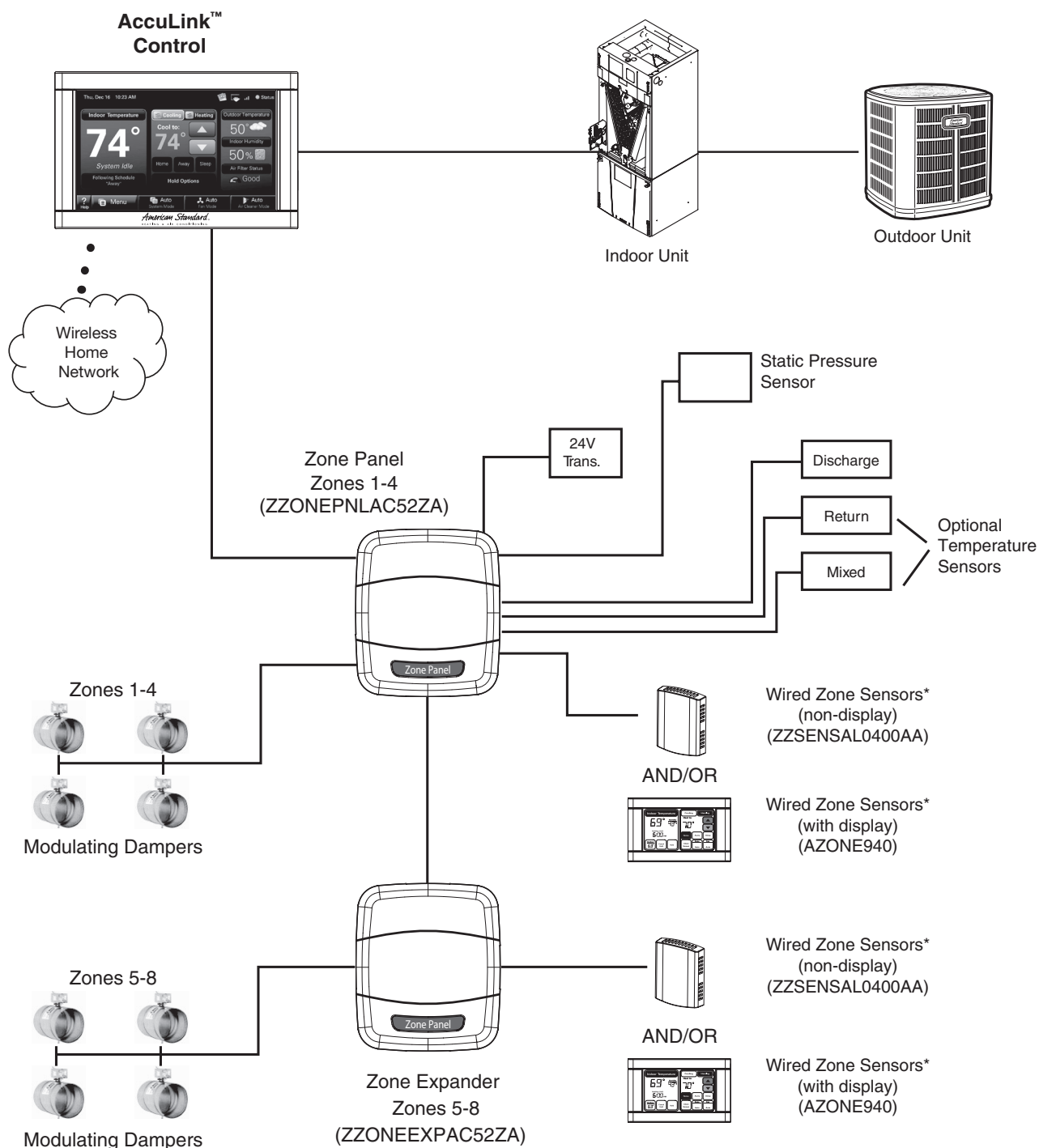
Operating Temperature:

- -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

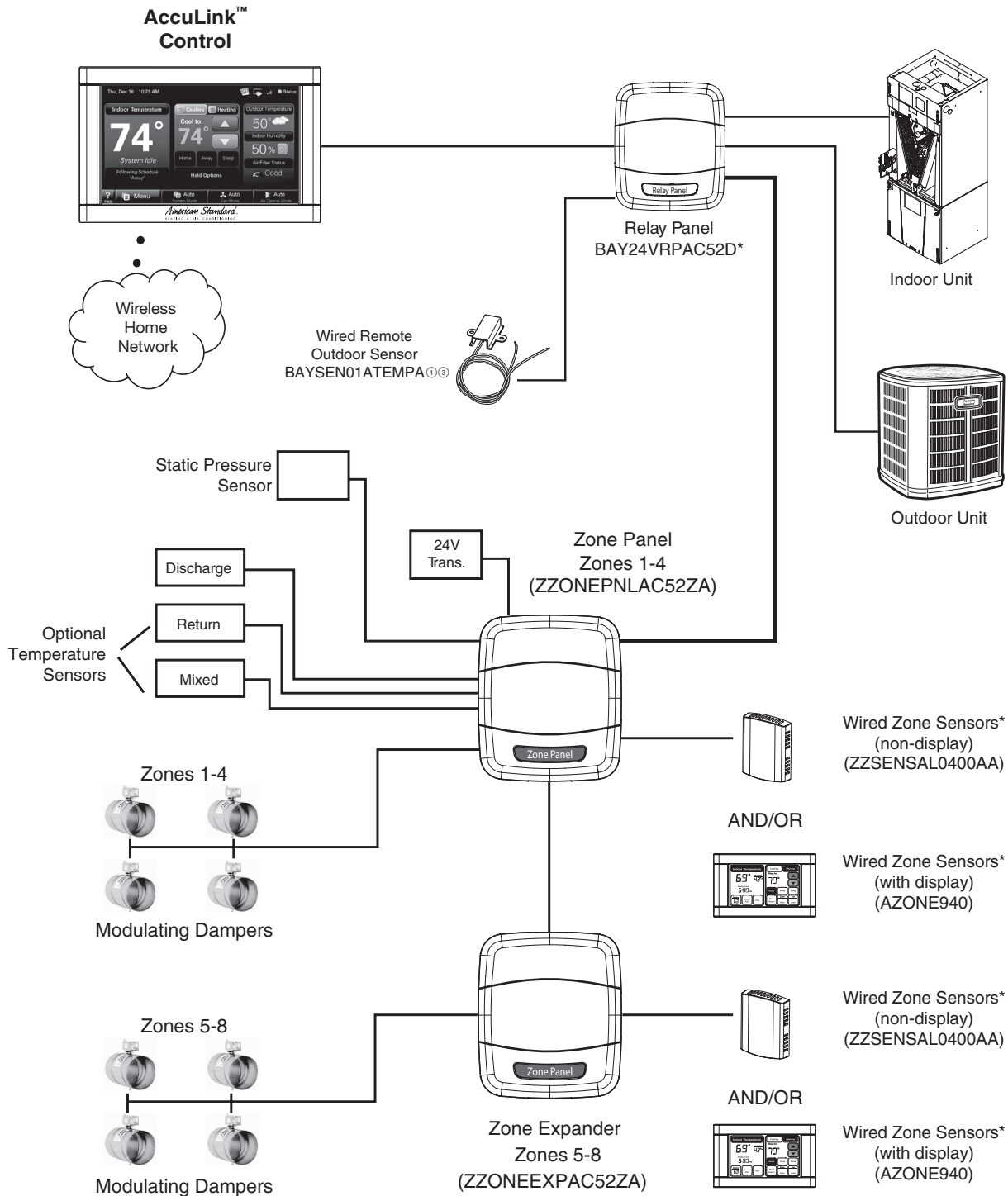
Zoned Communicating System



* Up to 4 AZONE940 Zone Sensors with display may be used with each ZZONEPNLAC52ZA Zone Panel. AZONE940 Zone Sensors may be used in all zones or in conjunction with zones using non-display ZZSENSAL0400AA sensors.

AccuLink™ Zoning Component Overview (Cont.)

Zoned 24V

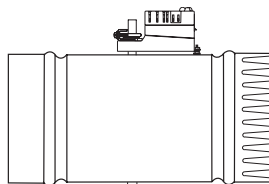


* Up to 4 AZONE940 Zone Sensors with display may be used with each ZZONEPNLAC52ZA Zone Panel. AZONE940 Zone Sensors may be used in all zones or in conjunction with zones using non-display ZZSENSAL0400AA sensors.

- ① Optional Accessory
- ② Can alternatively be connected to the Relay Panel
- ③ Can alternatively be connected to the 950 Control

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



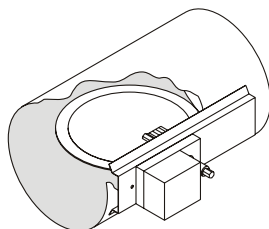
Round Dampers

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 AL-8-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

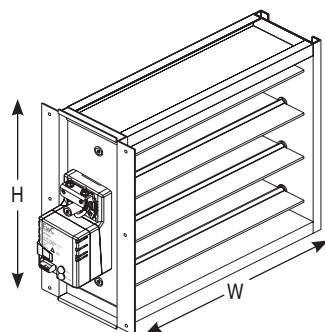
Retro-Fit Round Dampers

- 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 AL-8-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 AL-9-A — Specifications: Rectangular Dampers with Side Mount Actuator

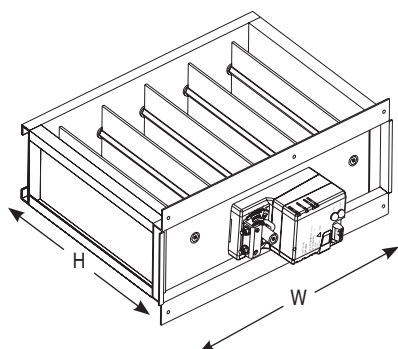
Model Number	Power Supply	Description	Uncrated Dimensions (in.)	
			W	H
ZDAMPMMMA0806A	24 VAC	Rectangular-Side Mount Actuator	8	6
ZDAMPMMMA0808A	24 VAC	Rectangular-Side Mount Actuator	8	8
ZDAMPMMMA1006A	24 VAC	Rectangular-Side Mount Actuator	10	6
ZDAMPMMMA1008A	24 VAC	Rectangular-Side Mount Actuator	10	8
ZDAMPMMMA1010A	24 VAC	Rectangular-Side Mount Actuator	10	10
ZDAMPMMMA1206A	24 VAC	Rectangular-Side Mount Actuator	12	6
ZDAMPMMMA1208A	24 VAC	Rectangular-Side Mount Actuator	12	8
ZDAMPMMMA1210A	24 VAC	Rectangular-Side Mount Actuator	12	10
ZDAMPMMMA1212A	24 VAC	Rectangular-Side Mount Actuator	12	12
ZDAMPMMMA1406A	24 VAC	Rectangular-Side Mount Actuator	14	6
ZDAMPMMMA1408A	24 VAC	Rectangular-Side Mount Actuator	14	8
ZDAMPMMMA1410A	24 VAC	Rectangular-Side Mount Actuator	14	10
ZDAMPMMMA1412A	24 VAC	Rectangular-Side Mount Actuator	14	12
ZDAMPMMMA1414A	24 VAC	Rectangular-Side Mount Actuator	14	14
ZDAMPMMMA1606A	24 VAC	Rectangular-Side Mount Actuator	16	6
ZDAMPMMMA1608A	24 VAC	Rectangular-Side Mount Actuator	16	8
ZDAMPMMMA1610A	24 VAC	Rectangular-Side Mount Actuator	16	10
ZDAMPMMMA1612A	24 VAC	Rectangular-Side Mount Actuator	16	12
ZDAMPMMMA1614A	24 VAC	Rectangular-Side Mount Actuator	16	14
ZDAMPMMMA1616A	24 VAC	Rectangular-Side Mount Actuator	16	16
ZDAMPMMMA1806A	24 VAC	Rectangular-Side Mount Actuator	18	6
ZDAMPMMMA1808A	24 VAC	Rectangular-Side Mount Actuator	18	8
ZDAMPMMMA1810A	24 VAC	Rectangular-Side Mount Actuator	18	10
ZDAMPMMMA1812A	24 VAC	Rectangular-Side Mount Actuator	18	12
ZDAMPMMMA1814A	24 VAC	Rectangular-Side Mount Actuator	18	14
ZDAMPMMMA1816A	24 VAC	Rectangular-Side Mount Actuator	18	16
ZDAMPMMMA1818A	24 VAC	Rectangular-Side Mount Actuator	18	18
ZDAMPMMMA2006A	24 VAC	Rectangular-Side Mount Actuator	20	6
ZDAMPMMMA2008A	24 VAC	Rectangular-Side Mount Actuator	20	8
ZDAMPMMMA2010A	24 VAC	Rectangular-Side Mount Actuator	20	10
ZDAMPMMMA2012A	24 VAC	Rectangular-Side Mount Actuator	20	12
ZDAMPMMMA2014A	24 VAC	Rectangular-Side Mount Actuator	20	14
ZDAMPMMMA2016A	24 VAC	Rectangular-Side Mount Actuator	20	16
ZDAMPMMMA2018A	24 VAC	Rectangular-Side Mount Actuator	20	18
ZDAMPMMMA2020A	24 VAC	Rectangular-Side Mount Actuator	20	20

24 Volt Modulating Dampers - Side Mount

Table AL-10-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

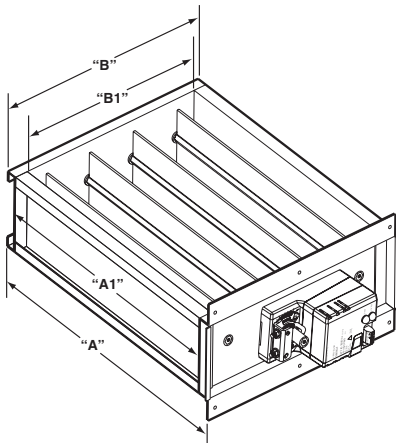
- 24 VAC Powered open/Powered closed
- Three wire connection - 18 gauge
- 1.5 VA damper actuator with 60 second travel time
- 18 in. lbs. of torque
- Manual gear release
- Screw terminal blocks
- 97% leak proof rating
- Sturdy aluminum blades and frame
- Motor is always located on the second dimension of the model number, i.e ZDAMP[®]MMA1012A will have the motor mounted on the 12" dimension

Table AL-11-A — Specifications: Rectangular Dampers with Bottom Mount Actuator

Model Number	Power Supply	Description	Uncrated Dimensions (in.)	
			H	W
ZDAMPBMA0810A	24 VAC	Rectangular-Bottom Mount Actuator	8	10
ZDAMPBMA0812A	24 VAC	Rectangular-Bottom Mount Actuator	8	12
ZDAMPBMA0814A	24 VAC	Rectangular-Bottom Mount Actuator	8	14
ZDAMPBMA0816A	24 VAC	Rectangular-Bottom Mount Actuator	8	16
ZDAMPBMA0818A	24 VAC	Rectangular-Bottom Mount Actuator	8	18
ZDAMPBMA0820A	24 VAC	Rectangular-Bottom Mount Actuator	8	20
ZDAMPBMA0822A	24 VAC	Rectangular-Bottom Mount Actuator	8	22
ZDAMPBMA0824A	24 VAC	Rectangular-Bottom Mount Actuator	8	24
ZDAMPBMA0826A	24 VAC	Rectangular-Bottom Mount Actuator	8	26
ZDAMPBMA0828A	24 VAC	Rectangular-Bottom Mount Actuator	8	28
ZDAMPBMA0830A	24 VAC	Rectangular-Bottom Mount Actuator	8	30
ZDAMPBMA1012A	24 VAC	Rectangular-Bottom Mount Actuator	10	12
ZDAMPBMA1014A	24 VAC	Rectangular-Bottom Mount Actuator	10	14
ZDAMPBMA1016A	24 VAC	Rectangular-Bottom Mount Actuator	10	16
ZDAMPBMA1018A	24 VAC	Rectangular-Bottom Mount Actuator	10	18
ZDAMPBMA1020A	24 VAC	Rectangular-Bottom Mount Actuator	10	20
ZDAMPBMA1022A	24 VAC	Rectangular-Bottom Mount Actuator	10	22
ZDAMPBMA1024A	24 VAC	Rectangular-Bottom Mount Actuator	10	24
ZDAMPBMA1026A	24 VAC	Rectangular-Bottom Mount Actuator	10	26
ZDAMPBMA1028A	24 VAC	Rectangular-Bottom Mount Actuator	10	28
ZDAMPBMA1030A	24 VAC	Rectangular-Bottom Mount Actuator	10	30
ZDAMPBMA1214A	24 VAC	Rectangular-Bottom Mount Actuator	12	14
ZDAMPBMA1216A	24 VAC	Rectangular-Bottom Mount Actuator	12	16
ZDAMPBMA1218A	24 VAC	Rectangular-Bottom Mount Actuator	12	18
ZDAMPBMA1220A	24 VAC	Rectangular-Bottom Mount Actuator	12	20
ZDAMPBMA1222A	24 VAC	Rectangular-Bottom Mount Actuator	12	22
ZDAMPBMA1224A	24 VAC	Rectangular-Bottom Mount Actuator	12	24
ZDAMPBMA1226A	24 VAC	Rectangular-Bottom Mount Actuator	12	26
ZDAMPBMA1228A	24 VAC	Rectangular-Bottom Mount Actuator	12	28
ZDAMPBMA1230A	24 VAC	Rectangular-Bottom Mount Actuator	12	30
ZDAMPBMA1416A	24 VAC	Rectangular-Bottom Mount Actuator	14	16
ZDAMPBMA1418A	24 VAC	Rectangular-Bottom Mount Actuator	14	18
ZDAMPBMA1420A	24 VAC	Rectangular-Bottom Mount Actuator	14	20
ZDAMPBMA1422A	24 VAC	Rectangular-Bottom Mount Actuator	14	22
ZDAMPBMA1424A	24 VAC	Rectangular-Bottom Mount Actuator	14	24
ZDAMPBMA1426A	24 VAC	Rectangular-Bottom Mount Actuator	14	26
ZDAMPBMA1428A	24 VAC	Rectangular-Bottom Mount Actuator	14	28
ZDAMPBMA1430A	24 VAC	Rectangular-Bottom Mount Actuator	14	30
ZDAMPBMA1618A	24 VAC	Rectangular-Bottom Mount Actuator	16	18
ZDAMPBMA1620A	24 VAC	Rectangular-Bottom Mount Actuator	16	20
ZDAMPBMA1622A	24 VAC	Rectangular-Bottom Mount Actuator	16	22
ZDAMPBMA1624A	24 VAC	Rectangular-Bottom Mount Actuator	16	24
ZDAMPBMA1626A	24 VAC	Rectangular-Bottom Mount Actuator	16	26
ZDAMPBMA1628A	24 VAC	Rectangular-Bottom Mount Actuator	16	28
ZDAMPBMA1630A	24 VAC	Rectangular-Bottom Mount Actuator	16	30
ZDAMPBMA1820A	24 VAC	Rectangular-Bottom Mount Actuator	18	20
ZDAMPBMA1822A	24 VAC	Rectangular-Bottom Mount Actuator	18	22
ZDAMPBMA1824A	24 VAC	Rectangular-Bottom Mount Actuator	18	24
ZDAMPBMA1826A	24 VAC	Rectangular-Bottom Mount Actuator	18	26
ZDAMPBMA2022A	24 VAC	Rectangular-Bottom Mount Actuator	20	22
ZDAMPBMA2024A	24 VAC	Rectangular-Bottom Mount Actuator	20	24

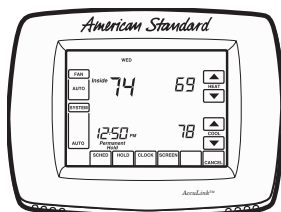
24 Volt Modulating Dampers

Table AL-12-A — Rectangular Damper Net Free Area

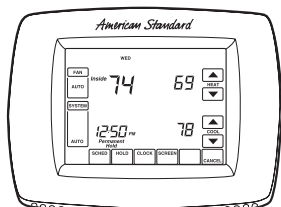


Listed Size	Actual Outside Size	Actual Inside Size	8	10	12	14	16	18	20	22	24	26	28	30	Listed Size	High
			7.813	9.813	11.813	13.813	15.813	17.813	19.813	21.813	23.813	25.813	27.813	29.813	Act. Outside Size B	
			5.813	7.813	9.813	11.813	13.813	15.813	17.813	19.813	21.813	23.813	25.813	27.813	Act. Inside Size B1	
			3	3	4	5	6	7	7	8	9	10	11	11	No. of Blades	
Wide	A	A1														
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		

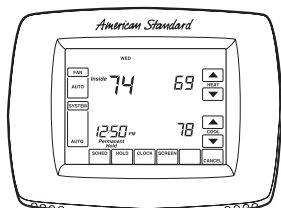
Programmable 7 Day Comfort Controls



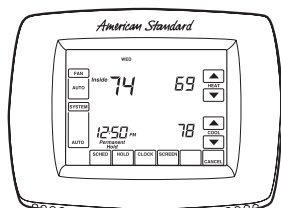
ACONT900A



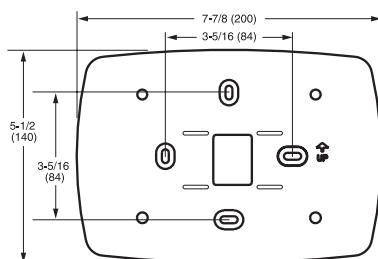
ACONT800A



ACONT802A



ACONT803A



BAYCOVR600A

ACONT900AC43UA - AccuLink™

- Communicating Programmable
- Interactive Touchscreen
- Continuous Comfort-R™
- Smart Continuous Fan
- Adjustable Continuous Fan, 25-100%
- Multiple Filter Reminders
- Humidity Sensor
- Dehumidification Control
- Window Frost Control
- Dual Fuel Compatible
- BAYCOVR600A - Wall cover plate
- Energy Saver

ACONT800AS11AA

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

ACONT802AS32DA

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

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

BAYCOVR600A

Application:

- Use with ACONT800/900A Series Comfort Controls

Application:

- 4 Heat/2 Cool (Gas, Oil or Electric)
- BAYTAM00AC00UA - Communicating Telephone Access module

Dimensions:

- 6.02" w x 4.62" h x 1.35" d
- Finish: Bright White

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

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

Application:

- Up to 3 Heat/2 Cool (Gas, Oil or Electric)/HP
- ZZSENSAL0800AA - Remote Indoor Temperature Sensor

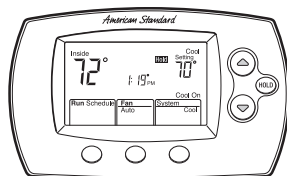
Dimensions:

- 6.02" w x 4.62" h x 1.35" d
- Finish: Bright White

Dimensions:

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

Programmable 5/2 Day Comfort Controls



ACONT600A

ACONT600AF11MA

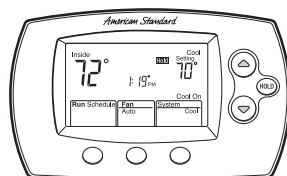
- 1 Heat/1 Cool
- 5/2 or 5/1/1 Programming
- Simple to Install and Use
- Front Wired (Wires attach to wall plates)
- Standard Wiring Terminal Block
- Easy to follow Sequential Programming
- Inside and set temperatures displayed simultaneously
- No auxiliary heat capability
- Plain language (no symbols)
- Easy battery access
- Easy to understand soft key controls
- BAYCOVER700A - Wall cover plate
- Energy Saver

Application:

- 1 stage heat pump, 0 stage Aux Heat
- 1 stage cool, 1 stage heat (Gas, electric, or oil)
- 1 stage cool, 0 stage heat
- 0 stage cool, 1 stage heat (Gas, electric, or oil)

Dimensions:

- 5.81" w x 3.56" h x 1.50" d
- Finish: Bright White



ACONT602A

ACONT602AF22MA

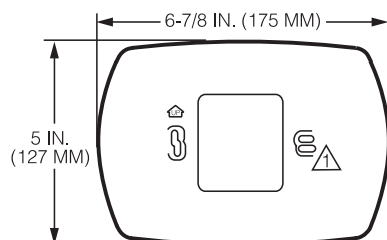
- 2 Heat/2 Cool
- 5/2 or 5/1/1 Programming
- Simple to Install and Use
- Front Wired (Wires attach to wall plates)
- Standard Wiring Terminal Block
- Easy to follow Sequential Programming
- Inside and set temperatures displayed simultaneously
- Plain language (no symbols)
- Easy battery access
- Easy to understand soft key controls
- BAYCOVER700A - Wall cover plate
- Energy Saver

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



MEDIUM COVER PLATE

BAYCOVER700A

BAYCOVER700A

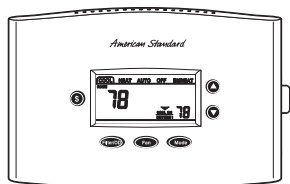
Application:

- Use with ACONT600A/602A Series Comfort Controls

Dimensions:

- 6.87" w x 5.0" h
- Finish: Bright White

Non-Programmable Comfort Controls



ACONT402A

ACONT402AN32DA

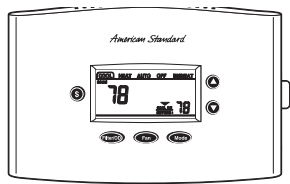
- Auto Changeover
- Backlit Display & Keys
- Comfort Information Compartment
- Energy Savings Mode
- Filter Reminder
- BAYSEN01ATEMPAA-Outdoor Temperature Sensor included*
- Keypad Lock

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 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

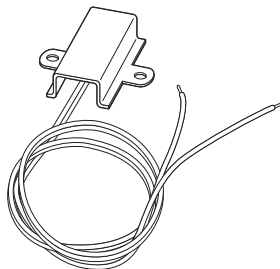
^① Power Stealing 4 Wire - Resistor Terminal in Box. 4 - wire system to supply power with heating mode; both resistors must be installed for proper operation.

Remote Sensors



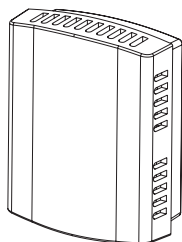
BAYSEN02ATEMPA

- 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 AccuLink™ Platinum ZV Control, AccuLink™ Zoning and ACONT401A
- Accuracy $\pm 1.5^{\circ}\text{F}$ over 32°F to 100°F
- Display Range -40°F to 140°F

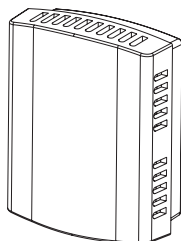


ZZSENSAL0400AA

- Indoor Sensor for use with AccuLink™ Platinum ZV Control, AccuLink™ Zoning and ACONT402A Comfort Controls
- 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 Temperature Sensor for use with ACONT800, 802, 803
- 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

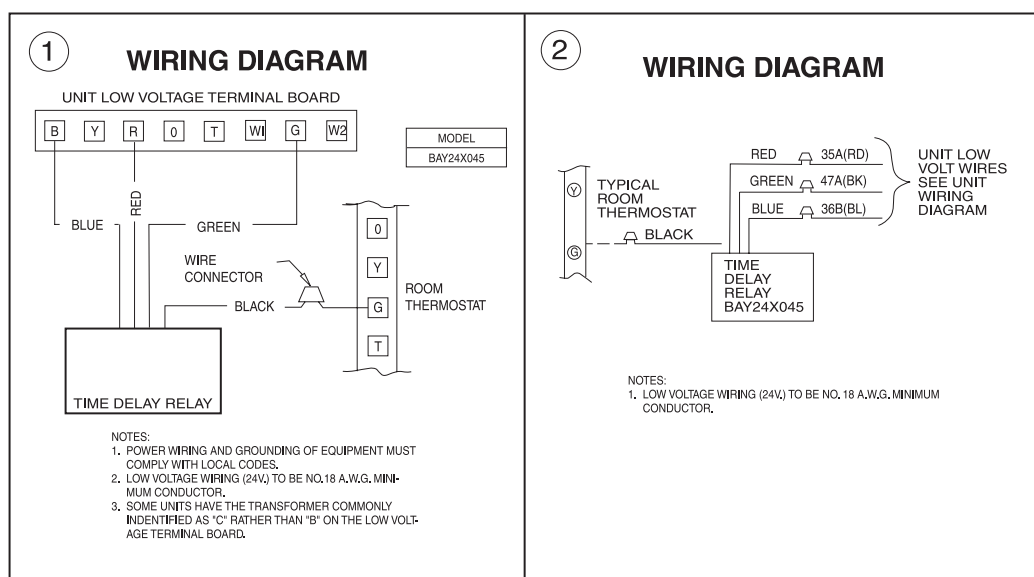
Dimensions in in. (mm):

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

Indoor Fan Delay Relay Kit

BAY24X045

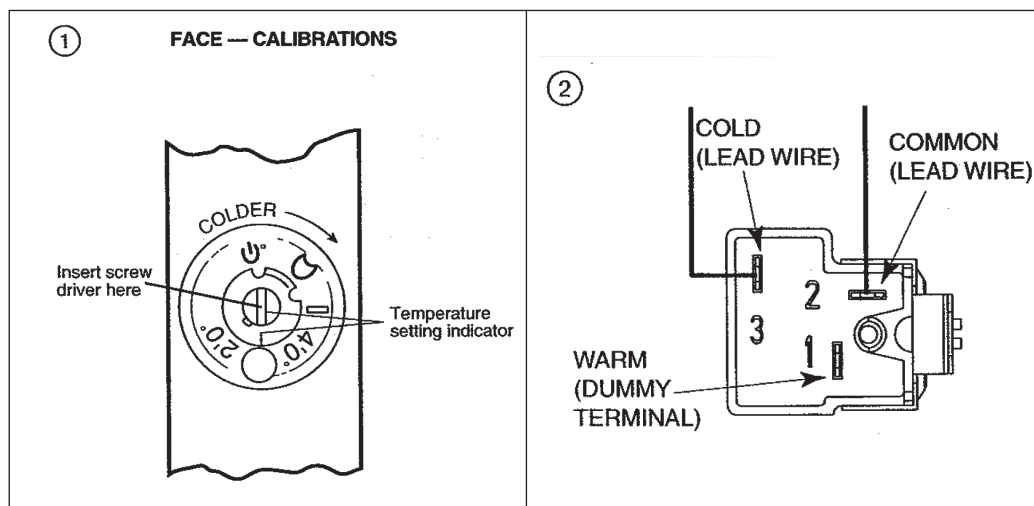
- For application to furnaces and air handlers with cooling coils equipped with capillary tube or 15% bleed expansion valve components.
- This kit allows the indoor fan to continue to run a short time after the outdoor unit shuts off for increased cooling efficiency.
- The kit contains: 1 solid state time delay relay with four (4) color coded wires, 1 wiring diagram, 1 notice label, 1 mounting screw.



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.



Non-Programmable Comfort Controls for ReliaTel™ Units



ASYSSTAT095A

ASYSSTAT095A

- 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**

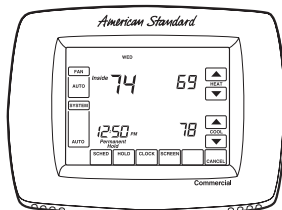
Programmable Comfort Controls for ReliaTel™ Units



ASYSSTAT090A

ASYSSTAT090A

- Large, Clear Display with Backlighting — Current temperature, set temperature and time are easy-to-read and all are displayed on the main screen.
- Menu Driven Programming — Provides guidance through the scheduling process, showing only necessary information and choices on each screen.
- Ability to Select Multiple Days — Allows easy customizing for unique schedules.
- Real-Time Clock—Keeps time during power failure; automatically updates for daylight saving time.
- Armchair Programming — Can remove thermostat from wall to set the schedule.
- Precise Temperature Control (± 1 °F) — reliable, consistent comfort.
- Multiple OVERRIDE options — Can modify schedule for a specific period of time (up to 365 days).
- Outdoor Temperature Indication — Displays current outdoor temperature to help plan outdoor activities.
- **2 Heat/2 Cool**



ASYSSTAT092A

ASYSSTAT092A

- Large, Clear Display with Backlighting — Current temperature, set temperature and time are easy-to-read and all are displayed on the main screen.
- Menu Driven Programming — Provides guidance through the scheduling process, showing only necessary information and choices on each screen.
- Ability to Select Multiple Days — Allows easy customizing for unique schedules.
- Real-Time Clock — Keeps time during power failure; automatically updates for daylight savings.
- Armchair Programming — Can remove thermostat from wall to set the schedule. Precise Temperature Control (± 1 °F) — reliable, consistent comfort.
- Multiple OVERRIDE options — Can modify schedule indefinitely or for a specific period of time.
- Programmable Fan — Increases indoor air quality when combined with air cleaning equipment.
- Outdoor Temperature Indication — Displays current outdoor temperature to help plan outdoor activities.
- **2 Heat/2 Cool Commercial Vision Pro**

Programmable Comfort Controls for ReliaTel™ Units



ASYSTAT800A

ASYSTAT800A

- Wall mounted remote space sensor
- For use with ASYSTAT090A, ASYSTAT092A, and ASYSTAT093A programmable thermostats

Zone Sensor Unit Installation

The zone sensor provides the operator control and zone temperature sensing functions for use with electronic unit controls. Refer to the appropriate unit installation manual for interconnecting wiring instructions.

ZONE SENSOR LOCATION

To ensure proper operation, select a location on an interior wall, at a height approximately 5 feet above the floor, with freely circulating air of average temperature.

Avoid Locations:

- Behind doors or in corners where air does not freely circulate.
- On an outside wall or any wall with unheated (uncooled) areas behind the zone sensor.
- Where direct sunlight or any Source: of radiant heat could affect the temperature measurements.
- In line with the discharge air from the unit being controlled.

Mount the zone sensor base on the wall or optional mounting plate with the wires routed through the wire access hole in the base of the zone sensor.

ZONE SENSOR CONTROLS

Emergency Heat/Heat/Auto/Off/Cool

This switch determines whether the unit operates in emergency heat (EM. HEAT - for heat pumps only), heating (HEAT), automatically changing from heating to cooling as required (AUTO), heating and cooling functions disabled (OFF), or cooling (COOL).

Fan Auto/Fan On

This switch determines whether the indoor fan operates during cooling and heating cycles only (FAN AUTO) or runs continuously (FAN ON).

Temperature Adjustments

One or two temperature adjustment controls are provided to set the desired temperature or temperature range (for unit mode AUTO). If two controls are present, the blue control sets the desired temperature for cooling and the red control sets the desired temperature for heating.

Temperature Indicator

This indicates the temperature in the zone. The indicator has been factory calibrated and should not normally require adjustment. If adjustment is needed, it can be accomplished by slowly rotating a small screwdriver in the slot on the back of the indicator until the correct temperature is obtained.

Optional Remote Sensor

When using the optional remote sensor (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



ASYSSTAT106A
Manual Changeover

- 4 wires required.
- Single Setpoint for 3-25 Tons Electric/Electric TCD/TCH and Gas/Electric Systems YCD/YCH
- Can be used with Remote Sensor (ASYSSTAT669)



ASYSSTAT107A
Manual Changeover

- 4-6 wires required.
- Single Setpoint for Heat Pump Systems (WCD/WCH 3-20 Tons)
- Can be used with Remote Sensor (ASYSSTAT669)



ASYSSTAT108A
Automatic Changeover

- 5 wires required.
- Dual Setpoint for Electric/Electric and Gas Electric Systems (TCD/TCH and YCD/YCH 3-25 Tons)
- Can be used with Remote Sensor (ASYSSTAT669)



ASYSSTAT109A
Automatic Changeover

- 5-7 wires required.
- Dual Setpoint for Heat Pump Systems (WCD/WCH 3-20 Tons)
- Can be used with Remote Sensor (ASYSSTAT669)



ASYSSTAT709A/707A
LCD Digital Display Zone Sensor

- 3-7 wires required.
- Non-Programmable Zone Sensor with a digital display
- ASYSSTAT709A - Cool/Gas
- ASYSSTAT707A - 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 fall back (unit can run on default value with outdoor air sensor)
- Control wiring size may be increased
- Remote sensing capability
- Space temperature averaging
- Supply air tempering
- Economizer preferred cooling is lost (compressor operation is locked out below 50°F)

Electronic Programmable Zone Sensors For ReliaTel™ Units



ASYSSTAT777A

- **Automatic or Manual Changeover with System Lights**
- Use With:
 - 3 – 10 Ton Precedent™ Units
 - 12.5 – 25 Ton Voyager™ Units
- Digital display indicating the time of day, the day of the week, room temperature, current program operating mode, and current active stage
- Continuous or 3 hour timed override
- Two occupied, two unoccupied programs per day
- L.C.D. readout in F or C (Celsius) and 12 or 24-hour clock
- Keyboard disable to prevent tampering
- Programming on a 7-day basis
- Status indication lights displayed in Digital Display
- Auxiliary relay (Form 1C)
- Auto Fan During Setback
- No Anticipator Required
- No Battery Required
- No accessories required. Each unit is complete and ready for installation
- Remote Room Sensor (ASYSSTAT669)
- Finish: Pantone Cool Gray #2C
- Replacement: SEN-0415
- Installation: 18-HD60D29
- Source: Clarksville

Integrated Comfort™ Systems Sensors For ReliaTel™ Units



ASYSSTAT669

- **Room Sensor**
- Used with Integrated Comfort™ Systems
- Used With:
 - 3 - 10 Ton Precedent™ Units
 - 12.5 - 25 Ton Voyager™ Units
- Finish: Pantone Cool Gray #2C
- Replacement: SEN01448
- Installation: Included with sensor
- Source: St. Paul GCC/Clarksville