Auto-Zone 3

Control System

Controls Parts Catalog

2026

Effective August 5, 2026

REVISION A



www.aaon.com

Controls manuals are available for download from www.aaon.com

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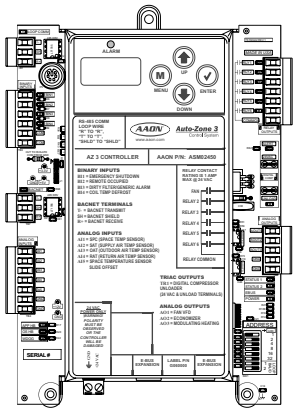
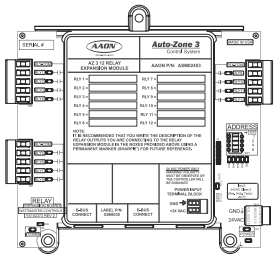
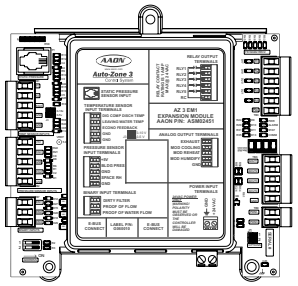
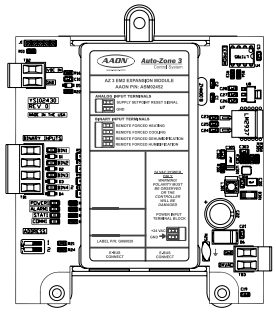
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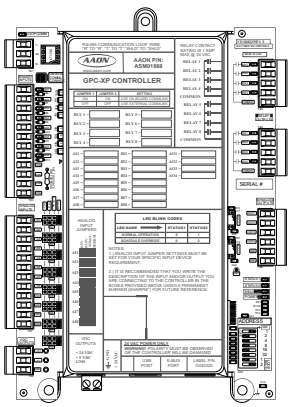
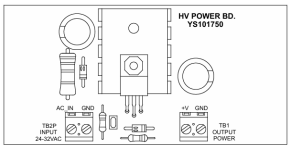
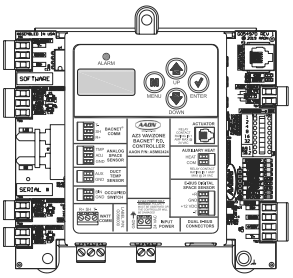
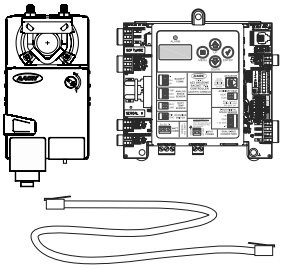
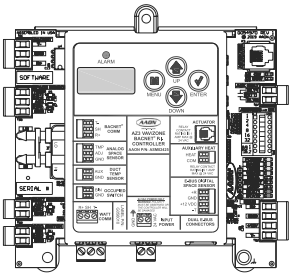
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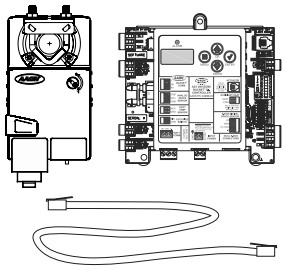
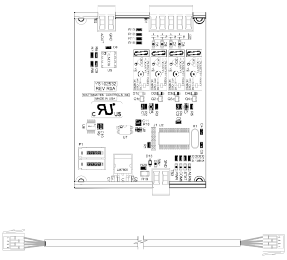
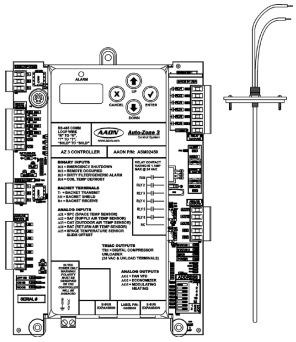
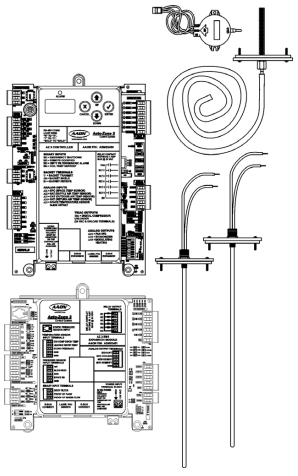
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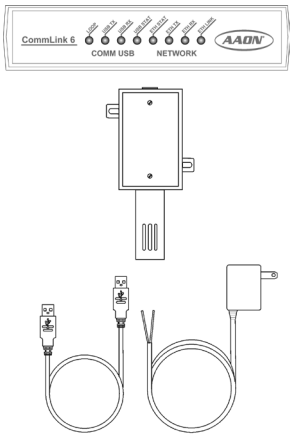
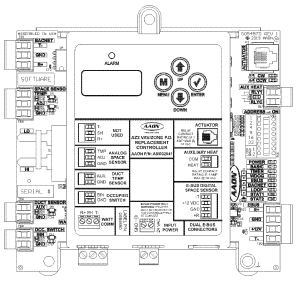
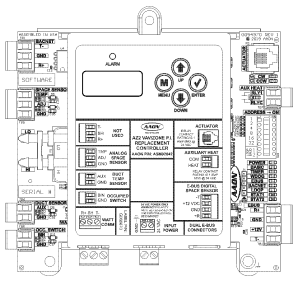
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Unit Controllers and Modules

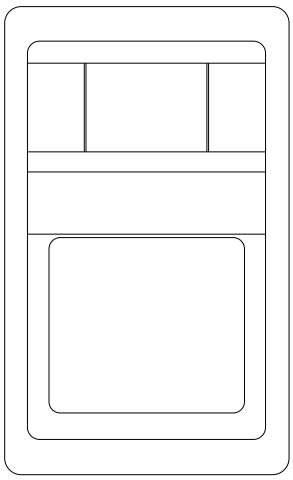
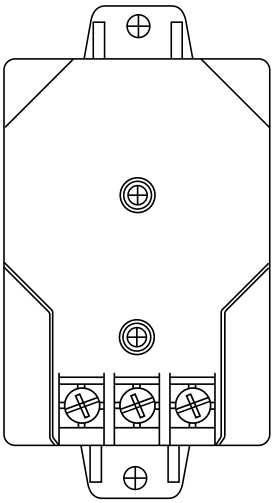
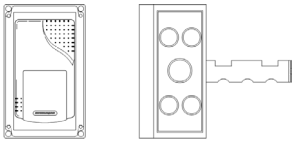
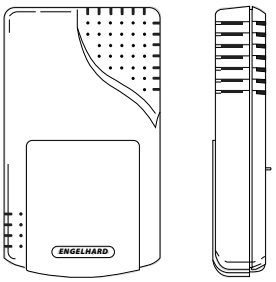
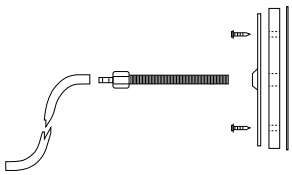
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ASM02450	AutoZone 3 Controller The AZ 3 Controller provides 5 analog inputs, 3 analog outputs, 1 triac input, 4 binary inputs, and 6 relay outputs (5 configurable). It also has an on-board BACnet® port for connection to an MS/TP network. The Controller contains a 2 x 8 LCD character display and 4 buttons that allow for status and alarm display as well as BACnet® configuration. It presently allows for the addition of the EM1 Expansion Module, EM2 Expansion Module, and the E-BUS 12 Relay Expansion Module. NOTE: Setup, configuration and monitoring of the AZ 3 Controller requires Prism 2 Front-End Software used with a personal computer.	
ASM02453	E-BUS 12 Relay Expansion Module The AZ 3 E-BUS 12 Relay Expansion Module adds 12 configurable relay outputs to the AZ 3 Control System. It connects to the AZ 3 Controller or another expansion module with an EBC E-BUS cable.	
ASM02451	EM1 Expansion Module The EM1 Expansion Module adds VAV/Zone capabilities, building pressure control, leaving water temperature monitoring for water source heat pump, Title 24 Economizer control and other functions. It provides 6 additional analog inputs, 3 binary inputs, 5 additional relay outputs, and 4 analog outputs. It connects with an E-BUS cable to the AZ 3 Controller or other expansion module.	
ASM02452	EM2 Expansion Module The EM2 Expansion Module adds remote forced heating, cooling, and dehumidification using 4 additional binary inputs. It also has an analog input that can be used as a remote voltage input to reset the Supply Air Setpoint. It connects with an E-BUS cable to the AZ 3 Controller or other expansion module.	

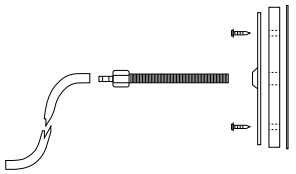
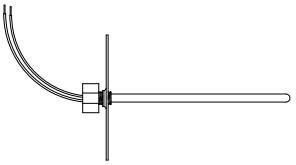
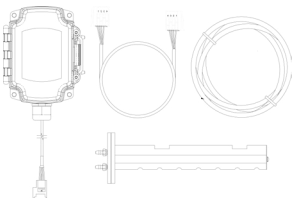
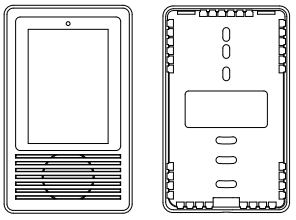
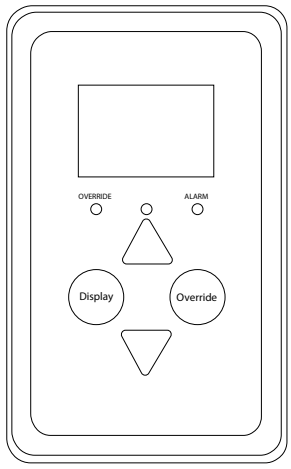
Part Number	Unit Controllers and Modules Description	
ASM01868	GPC-XP Controller The GPC-XP Controller is used for controlling equipment or processes that cannot be controlled using a standard HVAC controller. Prism 2 computer front end software is used to interface with the GPC-XP Controller functions. The GPC-XP Controller provides the flexibility to control, schedule, and/or monitor equipment such as unit heaters, exhaust fans, motorized louvers, and other mechanical equipment. In addition, the GPC-XP provides (1) Lead/Lag start capability. The GPC-XP has 8 configurable analog inputs which will accept signals from thermistor temperature sensors, 4-20mA or 0-5VDC or 0-10VDC transmitters. Custom formulas created by available math functions and operators can be used in conjunction with the analog inputs to create a calculated value to be used and displayed for a specific analog input. The inputs are set for the desired scaling by means of a jumper bar. An additional input is available for communicating sensors available from AAON Controls. The GPC-XP also supports 8 wet contact binary inputs, which can be configured for either normally open or normally closed operation. The GPC-XP has 8 relay outputs for on/off control and 4 analog outputs for proportional control signals. Highest/lowest/average of the analog input values can be used in the GPC-XP logic or broadcast to other controllers on the control system loop. The GPC-XP also has 8 separate, 2 events per day schedules, which can be assigned to any input or output for operational control or alarm recognition based on time of day. These schedules can also be configured to broadcast to other AAON controllers installed on the control system loop. Includes: GPC-XP Controller only.	
ASM02238	Overvoltage Board Description: 24VAC to 24VDC Circuit Board. Used for installations where voltage fluctuates above normal peaks.	
ASM02424	Pressure Dependent VAV/Zone BACnet® Controller Includes: Pressure Dependent VAV/Zone BACnet® Controller mounted in a plastic enclosure.	
ASM02663	Pressure Dependent VAV/Zone BACnet® Controller Package Includes: Pressure Dependent VAV/Zone BACnet® Controller and Zone Damper Actuator with an 18-inch modular cable. The Pressure Dependent VAV/Zone BACnet® Controller with terminal blocks is designed for pressure dependent VAV Box and Zone Damper applications and is mounted in a plastic enclosure. One stage of Auxiliary Heat is provided on the controller. The VAV/Zone Controller Expansion Module (sold separately) is also available for applications using fan terminals and/or more than 1 stage of electric heat, SCR electric heat, or modulating HW heat.	
ASM02425	Pressure Independent VAV/Zone BACnet® Controller Includes: Pressure Independent VAV/Zone BACnet® Controller with integral airflow sensor mounted in a plastic enclosure.	

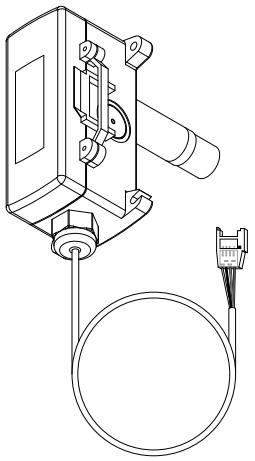
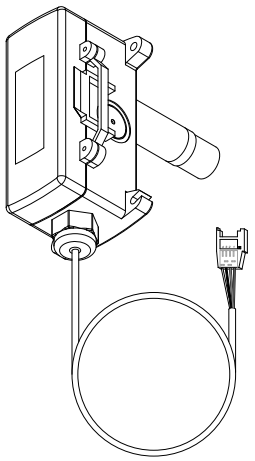
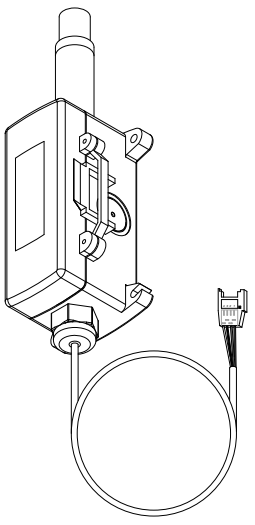
Part Number	Unit Controllers and Modules Description	
ASM02664	Pressure Independent VAV/Zone BACnet® Controller Package Includes: Pressure Independent VAV/Zone BACnet® Controller with airflow sensor and Zone Damper Actuator with an 18-inch modular cable. The Pressure Independent VAV/Zone BACnet® Controller with terminal blocks is designed for pressure independent VAV Box and Zone Damper applications. It is supplied with an integral Airflow Sensor and is mounted in a plastic enclosure. One stage of Auxiliary Heat is provided on the controller. The VAV/Zone Controller Expansion Module (sold separately) is also available for applications using fan terminals and more than 1 stage of electric heat, SCR electric heat, or modulating HW heat.	
ASM01629 (E-BUS)	VAV/Zone Controller Expansion Module The VAV/Zone Controller Expansion Module is used in conjunction with the PRessure Dependent or the PRessure Independent VAV/Zone BACnet®Controller. This expansion module allows for fan and heat control of terminal units, including series and parallel fan terminal units with up to three stages of electric heat, SCR electric heat, or modulating hot water heat. The VAV/Zone Controller Expansion Module provides 4 relay outputs for pilot duty switching control (1 fan, 2 heat, and 1 auxiliary heat), and 1 analog output fo control of a 0-10VDC modulating hot water valve or SCR controlled electric heating coil. Includes: VAV/Zone Controller Expansion Module and 18 in. E-BUS cable.	
ASM02671	Controller Package #1 This package provides the following capabilities: • Standard CV Unit Fan Control or Make-Up Air Control • Staging (Up To 5 Stages of Heating & Cooling Combined) • Terminal Inputs for Supply Air Temperature, Return Air Temperature, Space Temperature, Space Temperature Slide Adjust & Outdoor Air Temperature Sensors • E-BUS Sensor Input for Connection of E-BUS Digital Room Temperature Sensor & E-BUS Digital Room/Humidity Sensor or Return Air CO2 Sensor, or other E-BUS Modules • 3 Analog Outputs for Supply Fan VFD, Economizer Control, and Modulating Heat • BACnet® Capabilities Includes: AZ 3 Controller & 12" Long Duct Temperature Sensor for Supply Air.	
ASM02672	Controller Package #2 This package provides the same capabilities as Controller Package #1 as well as these additional capabilities: • Zoning and VAV Control • Drybulb, Dewpoint, or Wetbulb Economizer Control (Requires Humidity Sensor and HVAC Unit With Economizer) • Proof of Flow Alarm (Requires Air Flow Switch Supplied by Others) • Dirty Filter Alarm (Requires Differential Pressure Switch Supplied by Others) • Single Zone VAV Control (Requires Space Temperature Sensor and HVAC Unit with Supply Fan VFD) • Building Pressure Control (Requires Building Pressure Transducer and HVAC Unit with Exhaust Fan VFD) • BACnet® Capabilities Includes: AZ 3 Controller, EM1 Expansion Module, Duct Static Pressure Sensor, Static Pressure Pickup Tube (Includes 1 Ft. Tubing) & (2) 12" Long Duct Temperature Sensors for Supply and Return Air.	

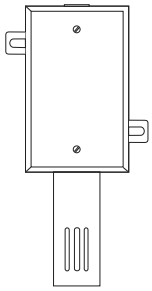
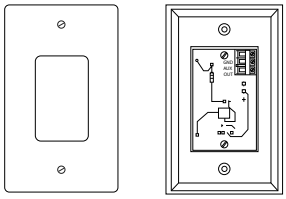
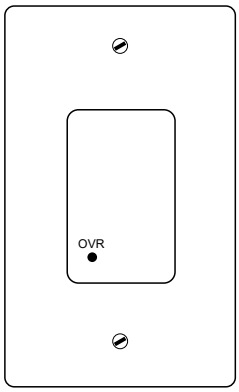
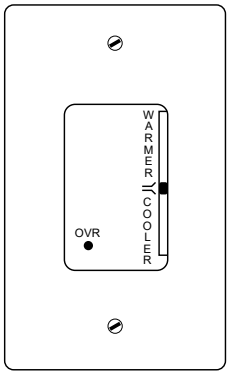
Part Number	Unit Controllers and Modules Description	
ASM02673	System Package #1 The CommLink provides for connection to a Windows® computer with Prism 2 software installed. This allows for configuration and monitoring of the system through the computer only. The package includes the following components: • CommLink 6 Communcations Interface (Includes USB Cable and Power Supply) • Outdoor Air Temperature Sensor	
ASM02641	AZ2 Pressure Dependent VAV/Zone Controller w/BACnet Disabled (For Replacement) The P.D. VAV/Zone BACnet® disabled Controller is a VAV/Zone Controller that is designed to replace existing AZ 2 VAV/Zone Controllers. It is used for P.D. VAV Box and Zone Damper applications. Includes: Pressure Dependent VAV/Zone BACnet® disabled Controller mounted in a plastic enclosure.	
ASM02642	AZ2 Pressure Independent VAV/Zone Controller w/BACnet Disabled (For Replacement) The P.I. VAV/Zone BACnet® disabled Controller is a VAV/Zone Controller that is designed to replace existing AZ 2 VAV/Zone Controllers. It is used for P.I. VAV Box and Zone Damper applications. It is supplied with an Integral Airflow Sensor and is mounted in a plastic enclosure. Includes: Pressure Independent VAV/Zone BACnet® disabled Controller mounted in a plastic enclosure.	

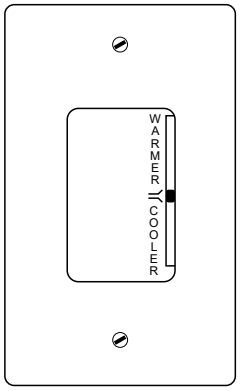
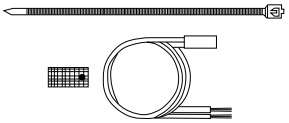
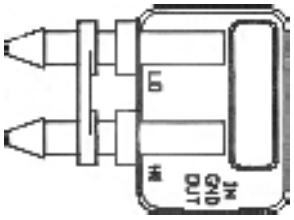
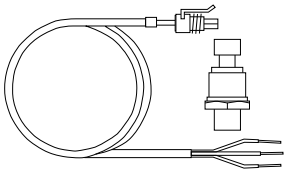
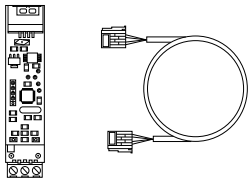
Sensors

Part Number	Sensors Description	
ASM01646	**3% Room Mounted Relative Humidity Sensor 0-5 VDC Output** The sensor is 0-5 VDC, Room Mounted Relative Humidity Sensor only Used for room air humidity sensing applications. Can be used with GPC-XP and BGC Controller.	
ASM01832	**Building Static Pressure Sensor** -0.25 to + 0.25 in. W.C., 0-5 VDC, 24 VAC/VDC supply power Building Pressure Sensor. Used for Building Pressure Sensing Applications. Wires to the EM1 Module.	
ASM02236	**CO2 Sensor - Return Air** Includes: 20-30 VAC Power Input, 0-10 VDC or 4-20 mA output, and CO_2 Sensor for return air duct mounting with aspiration box. Accuracy of 20 PPM at 78°F.	
ASM02237	**CO2 Sensor - Wall Mount** Includes: 20-30 VAC Power Input, 0-10 VDC or 4-20 mA output, and CO_2 Sensor for wall mounting. Accuracy of 20 PPM at 78°F.	
ASM02242	**Duct Static Pressure Pick-up Tube Kit** Includes: Duct Static Pressure Pick-up Tube, 1 ft. length of FRP tubing, gasketed mounting bracket, and screws. Used with Duct Static Pressure Sensor.	

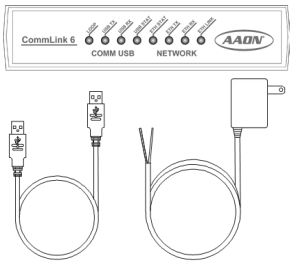
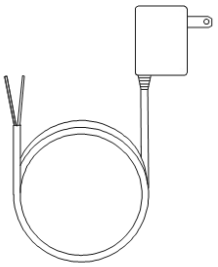
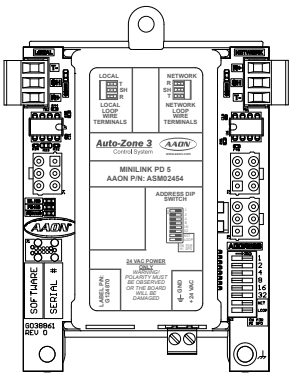
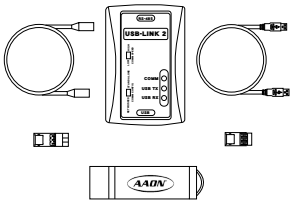
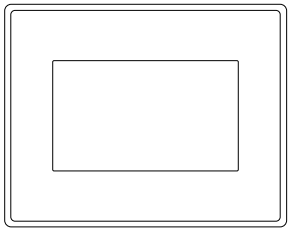
Part Number	Sensors Description	
ASM01640	**Duct Static Pressure Sensor** 10k Ohm type III thermistor. Used for supply or return air temperature sensing applications.	
G051240	**Duct Temperature Sensor – 6 inch Duct Temperature Sensor** Includes: Mounting hardware 10k Ohm type III thermistor. Used for supply or return air temperature sensing applications.	
G051250	**Duct Temperature Sensor – 12 inch Duct Temperature Sensor** Includes: Mounting hardware 10k Ohm type III thermistor. Used for supply or return air temperature sensing applications.	
ASM01831	**E-BUS CO_2 Sensor – Duct Mounted with Remote Pickup Tube** Includes: Integral Aspiration Box, Airflow Pickup Tube, 10 ft. of ¼ inch tubing, and 10 ft. E-BUS cable. Used with the VCB-X and newer controllers for Return Air CO_2 sensing applications.	
ASM01829	**E-BUS CO_2 Sensor – Wall Mounted** Used with the VCB-X and newer controllers for CO_2 sensing applications where wall mounting in the space is desired. Connects to controller with E-BUS cable of required length. Cable sold separately. See page 34 for available cable lengths.	
ASM01820	**E-BUS Digital Room Temperature & Humidity Sensor** E-BUS communicating Room Temperature and Humidity Sensor with LCD for display of certain status and setpoints and buttons for setpoint adjustment and override.	
ASM02221	**E-BUS Digital Room Temperature & Humidity Sensor (No LCD Display)** The E-BUS Digital Room Temp & Humidity Sensor without display has no LCD Display or buttons.	

Part Number	Sensors Description	
ASM01836	**E-BUS Horizontal Outdoor Air Temperature & Humidity Sensor** Used for outdoor temperature and humidity sensing applications. Connects to the AZ 3 Controller or E-BUS Adapter Hub using E-BUS cable. Includes: E-BUS Horizontal Outdoor Air Temperature & Humidity Sensor, mounted in a weatherproof handy box with attached 3-foot E-BUS Cable with jack. A 10-foot E-BUS cable is included to connect to the AZ 3 Controller. If a longer E-BUS cable is required, it must be ordered separately.	
ASM01840	**E-BUS Return Air Temperature & Humidity Sensor** Used for return air temperature and humidity sensing applications. Connects to the AZ 3 Controller or E-BUS Adapter Hub using E-BUS cable. Includes: E-BUS Return Air Temperature & Humidity Sensor, mounted in a weatherproof handy box attached 3 ft. E-BUS Cable with jack. A 50-foot E-BUS cable is included to connect to the AZ 3 Controller. If a longer cable is required, it must be ordered separately.	
ASM01838	**E-BUS Vertical Outdoor Air Temperature & Humidity Sensor** Used for outdoor temperature and humidity sensing applications. Connects to the AZ 3 Controller or E-BUS Adapter Hub using E-BUS cable. Includes: E-BUS Vertical Outdoor Air Temperature & Humidity Sensor, mounted in a weatherproof handy box with attached 3-foot E-BUS Cable with jack. A 10-foot E-BUS cable is included to connect to the AZ 3 Controller. If a longer E-BUS cable is required, it must be ordered separately.	

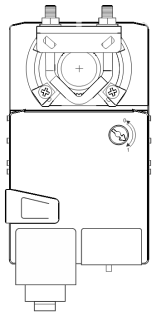
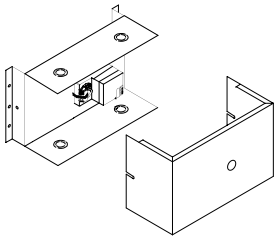
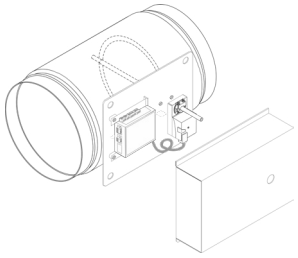
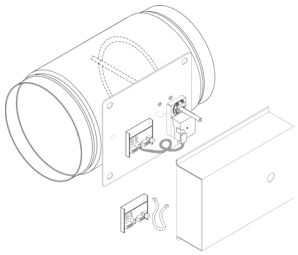
Part Number	Sensors Description	
G042230	**Outside Air Sensor** Standard Outside Air Sensor. Connects to controller via 2-conductor field wiring. 10K Ohm type III thermistor.	
ASM02227	**Standard Room Sensor - Plain** Connects to controller via 3-conductor field wiring. 10K Ohm type III thermistor. All Standard Room Sensors are designed for wall mounting and can be used with the AZ 3 HVAC Unit Controllers and VAV/Zone BACnet® Controllers. All these sensors use standard terminal-to-terminal wiring.	
ASM01638	**Standard Room Sensor - with Override** Connects to controller via 3-conductor field wiring. 10K Ohm type III thermistor. All Standard Room Sensors are designed for wall mounting and can be used with the AZ 3 HVAC Unit Controllers and VAV/Zone BACnet® Controllers. All these sensors use standard terminal-to-terminal wiring.	
ASM01643	**Standard Room Sensor - with Override and Slide Adjust** Connects to controller via 3-conductor field wiring. 10K Ohm type III thermistor.	

Part Number	Sensors Description	
ASM01642	Standard Room Sensor - With Slide Adjust Connects to controller via 3-conductor field wiring. 10K Ohm type III thermistor.	
ASM01624	**Strap-on Temperature Sensor Kit** Includes: 10k Ohm Type III thermistor, Strap-on Temperature Sensor, two wire thermal mastic, and plastic mounting strap. Used for water temperature sensing applications.	
ASM01842	VAV/Zone Airflow Sensor Replacement User for VAV/Zone Controller measurement applications,. Used with the Pressure Independent VAV/Zone Controller and VAV/Zone Controller and Actuator package. Includes: Airflow Sensor only.	
ASM01845	**VCB-X Suction Pressure Transducer Kit with E-BUS Adapter** Includes: Suction Pressure Transducer, modular cable with a modular connector on one end and bare stripped wires on the opposite end, E-BUS Adapter, and 3 ft. E-BUS cable. The Suction Pressure Transducer is 0-250 psi and is used to monitor refrigerant suction line pressure of a DX cooling coil. The Suction Pressure Transducer has a ¼ inch SAE flare connection for connection to the refrigerant suction line.	 

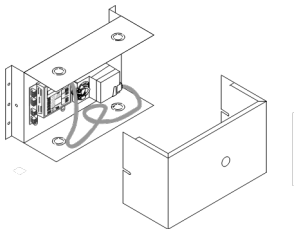
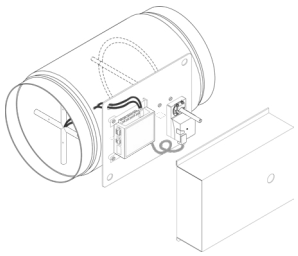
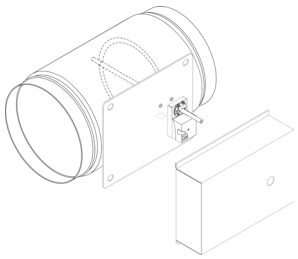
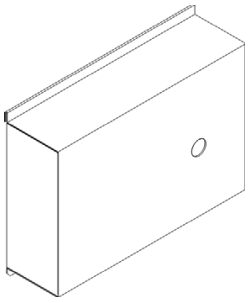
Communication and User Interface

Part Number	Communication Devices and User Interface Description	
ASM07420	**CommLink 6** Includes: CommLink 6, 6 ft. long USB cable, and 120/24 VAC power supply. The CommLink 6 connects to your control system using a USB computer connection to provide direct communication with the control system from a computer with the Prism 2 software installed. The CommLink 6 has a built-in IP Module which provides an Ethernet connection to the controls system form any computer with Prism 2 software that is connected to a building's LAN. It can also be configured to allow access to the control system from the Internet through your LAN (if your Ethernet firewall is configured for this option).	
G034540	**CommLink 6 Power Supply** 120/24 VAC power supply.	
ASM02454	**MiniLink PD 5** Used with all Auto-Zone controllers to provide network communications, zone voting, alarming, and tenant logging capabilities. A MiniLink PD 5 is required on each loop of a Networked system.	
ASM02244	**USB-Link 2 Kit** Includes: USB-Link 2, USB cable, modular connection cable, two mini-DIN to terminal adapters, and Prism 2 software and manual on USB flash drive. The USB-Link 2 is a pocket-sized communications interface used to connect a laptop computer to your controls system for configuration and monitoring purposes. Requires laptop with Prism 2 software installed.	
ASM02533	Prism 2 Software USB Drive USB with the current release of the Prism 2 software.	
ASM01898	System Manager II Operating Interface for the GPC-XP The System Manager TS GPC-XP Provides a local menu-driven touch screen interface to monitor, set schedules, and force outputs for the GPC-XP controller only. All other configuration and setup of the GPC-XP must be done through the Prism 2 software. The System Manager TS is equipped with a 4.3 in. 480x272 WQVGA RGB TFT LCD Touchscreen. Includes: System Manager TS GPC-XP and component for recessed or surface mounting.	

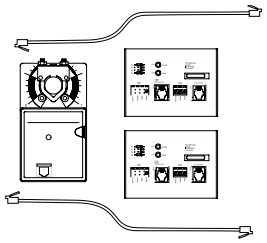
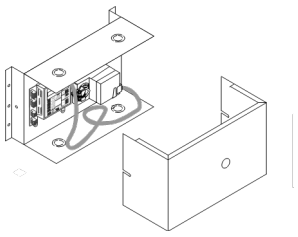
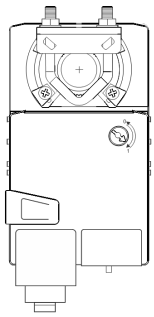
Zone Dampers

Part Number	Zone Dampers Description	
G045890	Bypass Damper Actuator Modulating Damper Actuator. Used when a terminal unit is to be used as a bypass damper for field or factory controls mounted by others. Accepts a 2-10 VDC signal.	
ASM02618	Bypass Rectangular Damper Kit Includes: Modulating Damper Actuator, factory mounted in a sheet metal enclosure. Used when a rectangular damper is to be used as a bypass damper for a zoning system.	
Varies	**Pressure Dependent BACnet® Round Zone Damper Assembly** Includes: Pressure Dependent VAV/Zone BACnet® Controller and actuator with modular cable mounted in a sheet metal control enclosure on a round damper assembly. One stage of on/off heat is available on the controller. For fan control or other heat options, see the ASM01629 Module. This controller uses the Standard Room Sensor or the E-BUS Digital Room Temperature Sensor.	
Varies	**Pressure Dependent Round Slaved Zone Damper Assembly** Includes: Damper Actuator, Slave Interface Card, modular cables for controller to interface card connection, and Interface card to actuator connection, mounted in a sheet metal control enclosure on a round damper assembly. Also includes a second Slave Interface Card and modular cables shipped loose for field connection to master zone controller.	

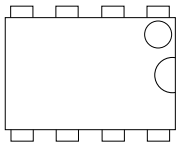
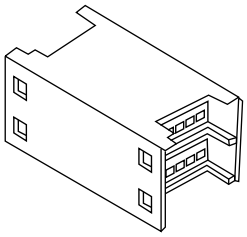
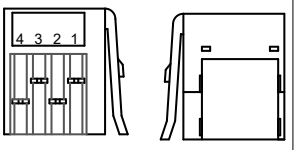
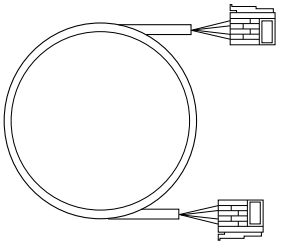
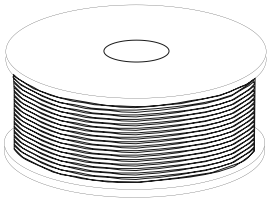
NOTES:
All round dampers are non-returnable
For damper sizing information, see "**Sizing of Zone Dampers" on page 21**.

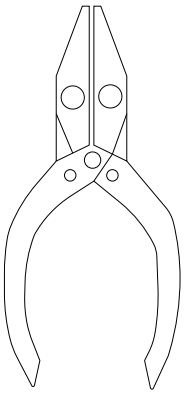
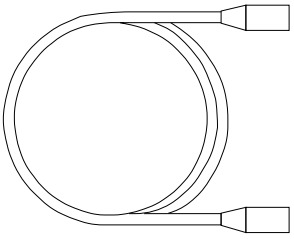
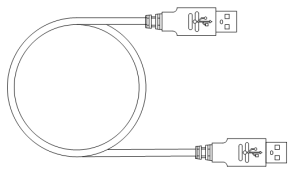
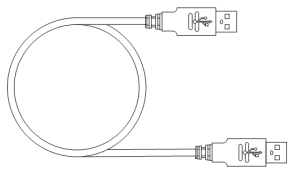
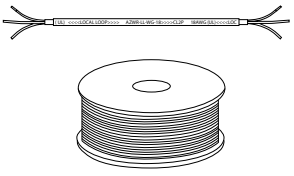
Part Number	Zone Dampers Description	
ASM02617	**Pressure Dependent VAV/Zone BACnet® Rectangular Damper Kit** Includes: Pressure Dependent VAV/Zone BACnet Controller, Actuator and 18 in. modular cable all mounted ina sheet metal enclosure. One stage of On/Off heat is available on the controller. For Can control or other heat options, see the VAV/Zone Controller Expansion Module. This controller uses the Standard Room Sensor or the E-BUS digital Room Temperature sensor.	
Varies	**Pressure Independent BACnet® Round Zone Damper Assembly** Includes: Pressure Independent VAV/Zone BACnet® Controller and actuator with modular cable mounted in a sheet metal control enclosure on a round damper assembly. One stage of on/off heat is available on the controller. For fan control or other heat options, see the ASM01629 Module. This controller uses the Standard Room Sensor or the E-BUS Digital Room Temperature Sensor.	
Varies	**Round Bypass Damper Assembly** Includes: Modulating damper actuator, mounted in a sheet metal control enclosure on a round damper assembly.	
G029650	**Round Damper Enclosure Cover** Includes: 22-gauge minimum spangle sheet metal enclosure cover used as replacement cover for enclosure base on round dampers.	

NOTES:
All round dampers are non-returnable
For damper sizing information, see "**Sizing of Zone Dampers" on page 21**.

Part Number	Zone Dampers	
	Description	
ASM01851	**Slaved Zone Damper Kit** Used when a terminal unit is to be slaved with another zone damper. Includes: Zone Damper Actuator, two (2) Slave wiring interface boards and modular cables for controller to actuator connection.	
ASM02619	**Slaved Zone Rectangular Damper Kit** Used when a rectangular damper is to be used as a slaved zone damper. Includes: Damper actuator and one (1) slave wiring interface board mounted in a sheet metal enclosure. Also includes one(1) slave wiring interface board shipped loose for connection to the rectangular damper kit. Also includes two (2) modular cables for controller to actuator connection.	
ASM01846	**Zone Damper Actuator** Includes: 18 inch modular cable. Generally used as a replacement zone actuator. Will connect with the VAV/Zone controllers via modular cable.	

Cables and Accessories

Part Number	Cables Description	
ASM02215	**Communication Driver Chips – Fault Tolerant** Includes: 10 driver chips.	
ASM01635	**E-BUS Adapter Hub** The E-BUS Adapter Hub provides additional E-BUS ports when needed to add more E-BUS devices. An E-BUS cable is required to connect the additional devices. Includes: E-Bus Adapter hub and 1.5 ft. E-BUS Cable	
G018890	**E-BUS Bulk Connector** Crimps to E-BUS spool cable. Note: Must be crimped using G034180 crimp tool or equivalent 3M E-9E E-BUS crimp tool.	
G029440 (1.5ft.) G012870 (3 ft.) G029460 (10 ft.) G045270 (25 ft.) G029510 (50 ft.) G029530 (75 ft.) G029470 (150 ft.)	**E-BUS Cable Assembly** The E-BUS cables are used to connect the VCB-X and newer controllers to their associated expansion modules and E-BUS sensors. Premade E-BUS cables are available in the standard lengths shown.	
G018870 (1,000 ft.)	**E-BUS Cable - Bulk** 20 (19/32) gauge, 4 conductor, stranded conductor, twisted pair with an overall outer "Plenum Rated" white jacket. Red, Black – 1st Pair, White, Blue – 2nd Pair. UL rated CL3P/CMP, FPLP. EU Directive 2002/95/EC (RoHS). Price is for 1000-foot spool.	

Part Number	Cables Description	
G034180	**E-BUS Crimp Tool** Parallel Jaw Pliers for crimping G018890 E-BUS connectors to G018870 E-BUS cable.	
R69330	**Modular Cable for Actuator to VAV/Zone Controller - 18 in.** Used with the ASM01846 Actuator to a VAV/Zone Controller. Also used to connect expansion base boards to each other and/or to the VCM Controller. Includes: 18 inch modular cable only.	
R88450	**Modular Cable for Actuator to VAV/Zone Controller - 24 in.** Used with the ASM01846 Actuator to a VAV/Zone Controller. Also used to connect expansion base boards to each other and/or to the VCM Controller. Includes: 2 ft. modular cable only.	
G030890	**Modular Cable for Modular Service Tool and USB-Link** Includes: 6 ft. modular cable with mini DIN connectors on both ends for Modular Service Tool and USB-Link.	
G030990	**USB Cable for CommLink 6** Includes: 6 ft. USB cable used with CommLink VI	
G030980	**USB Cable for USB-Link** Includes: 2 ft. USB cable.	
G075510	**Wire 22AWG BACnet® Comm Cable** Includes: 1,000 ft. spool, 18 AWG, plenum rated, 2-conductor with aluminum foil shield and drain wire. UL NEC rating CL2P/CMP.	

SIZING OF ZONE DAMPERS

Size all zone dampers based on the required zone CFM per design calculations. The recommended velocity for selecting Pressure Dependent Zone Dampers is 1000 to 1500 FPM. **Pressure Independent Zone Dampers must be selected below 1250 FPM for proper airflow sensor operation.** For quiet operation, it is recommended all zone dampers be selected for 1000 FPM or less velocity.

SIZING OF BYPASS DAMPERS

Size all bypass dampers to handle 60% to 70% of the HVAC units rated CFM. The recommended velocity for selecting bypass dampers is 1750 to 2250 FPM.

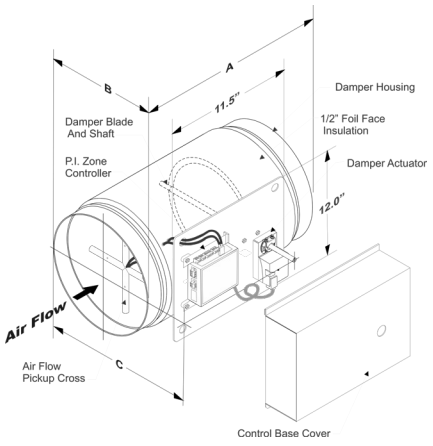
SLAVING OF ZONE DAMPERS

Whenever possible, a single zone damper should be used. If space limitations or airflow requirements dictate, up to two slaved zone dampers can be used. When ordering zone dampers for slaving, calculate the zones total required CFM and divide by two or three depending on the total number of zones that are to be slaved together. Go to the chart below and select the correct size of damper needed. Order one Pressure Dependent Zone Damper of the size selected. Please note that Pressure Independent Zone Dampers cannot be slaved. Order (one or two as required) slaved zone dampers of the same size as the zone damper that was selected. Each slaved zone damper is supplied with a slave wiring adapter for connecting to the Pressure Dependent Zone Damper.

SLAVING OF BYPASS DAMPERS

Whenever possible, a single bypass damper should be used. If space limitations or airflow requirements dictate, multiple bypass dampers can be used. When ordering multiple bypass dampers for slaving, calculate the bypass total required CFM and divide by two or three depending on the total number of bypass dampers that are to be slaved together. Go to the chart below and select the correct size of damper needed. Order (two or three as required) bypass dampers of the size selected.

Round Damper Selection						
Round Damper Duct Size (Area ft²)	6 in. (0.196)	8 in. (0.349)	10 in. (0.545)	12 in. (0.785)	14 in. (1.069)	16 in. (1.396)
Velocity through Round Damper (FPM)	Volume through Round Damper (CFM)					
750 - P.I. or P.D. Zone	147	262	409	589	802	1047
1,000 - P.I. or P.D. Zone	196	349	545	785	1069	1396
1,250 - P.I. or P.D. Zone	245	436	681	981	1336	1745
1,500 - P.D. Zone only	294	523	818	1178	1604	2094
1,750 - Bypass only	Bypass dampers are not available in these sizes		954	1374	1871	2443
2,000 - Bypass only			1090	1570	2138	2792
2,250 - Bypass only			1226	1766	2405	3141



Round Damper Dimension Data			
Duct Diameter	A	B	C
6"	23.00	5.88	9.88
8"	23.00	7.88	12.13
10"	23.00	9.88	14.31
12"	23.00	11.88	16.43
14"	23.00	13.88	18.50
16"	23.00	15.88	20.56

GENERAL

This price list is not an offer to sell any of the products herein at the price shown other than to AAON approved accounts. All prices are list prices.

PRICING

All prices are subject to change without notice. In the event of a price change, all undelivered items will be billed at the prices in effect at the time of shipment. Unless otherwise noted, all prices contained herein are list prices expressed in U.S. dollars and do not include shipping, local, state, or federal taxes.

EXPEDITE FEES

AAON Stock Controls Products Any order received that requires product shipment within 24 hours of receipt of order (in stock items only) will have a 15% expedite fee added to the standard product order net amount, plus shipping costs.

ORDERING

Verbal orders will not be accepted. All purchase orders must be e-mailed to AAON Parkville.

E-mail: controls-orderentry@aaon.com

All order changes must conform to the following:

Additions to orders will require a separate customer purchase order.

TAXES

AAON, Inc. will collect applicable sales/use tax on all orders due to the establishment of sales tax nexus in all states. To avoid taxes being collected, submit exemption paperwork during account setup or, if job specific, include with purchase order.

DELIVERY

Any delivery or ship dates shall be deemed to be only an approximation or estimate, and AAON, Inc. shall not be liable for failure to deliver on such dates nor for delays or for failure to deliver products hereunder resulting from the failure of AAON, Inc. or any other manufacturer thereof to manufacture or deliver such products by reason of factory or labor conditions, or labor controversies, product shortages, errors in manufacturing, fire, delay of common carrier, or delays in the usual sources of supply of raw material, or resulting from any causes beyond the control of AAON, Inc.

FREIGHT

All sales are FOB shipping point. All freight charges are prepaid (PPA) and billed including any fuel surcharges that may be assessed by the carrier. AAON, Inc. assumes no liability for damage or loss of shipments. Claims for damage or lost shipments in transit must be made with the carrier, by the customer.

PAYMENT TERMS

Customers with approved credit are invoiced net amount due within 30 days from the date of invoice.

Accounts with unpaid balances over 30 days are subject to credit hold.

WARRANTY

All AAON Controls products, unless otherwise specified, are warranted to be free from defects in workmanship or material under normal use and service for a period of one year from date of original installation, or 18 months from date of original shipment from the factory, whichever occurs first. Under no circumstances will AAON, Inc. be liable for any consequential damages including, but not limited to, such losses as personal injury, personal damage, labor, transportation, repairs, and the like. These guarantees are in lieu of all other guarantees, expressed or implied, and no agent or employee of AAON, Inc. is authorized to assume any other liability on behalf of AAON, Inc.

RETURNS

All products that are listed as non-returnable in the pricing are manufactured by other vendors. They can only be returned if they are defective unless otherwise noted in the pricing. Any allowable product or material returned must have a return goods authorization number (RGA No.) before it will be considered for credit or warranty. Any material received without a valid return authorization number will be returned at the expense of the shipper. Any item returned for credit must be in sellable condition and in its original packaging. All returns are subject to restocking charges. Dampers cannot be returned for credit.

AAON

2425 So. Yukon Ave

Tulsa, OK 74107-2728

www.AAON.com

Autozone 3 - 2026
Parts Catalog

G104340 • Rev. A • 260805

Factory Technical Support: 918-382-6450

Note: Before calling Technical Support, please have the model and serial number of the unit available.

Parts: For replacement parts, please contact your local AAON Representative.

It is the intent of AAON to provide accurate and current product information. However, in the interest of product improvement, AAON reserves the right to change pricing, specifications, and/or design of its product without notice, obligation, or liability.

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