

Zone Valve and Damper (ZVD) Control

Submittal Information
Revision A: July 10, 2008

Project Information

Job Name:

Location:

Part No. Ordered:

Engineer:

Date Submitted:

Contractor:

Submitted By:

Manufacturer's Representative:

Approved By:

Technical Data

Input Power: 24VAC (+/- 10%) provided by dedicated transformer

Outputs with LED indications: 8 On/Off (opened or closed) outputs

Inputs: 8 Configurable inputs

Connection: Communication connection made through a Cat5e patch cable with RJ45 connectors

Storage Temperature: 14°F to 160°F (-10°C to 70°C)

Operating Temperature: 32°F to 105°F (0°C to 41°C)

% Relative Humidity (RH): 10% to 90% non-condensing

Voltage: 24VAC +/- 10%, 50 to 60Hz

Power Draw: 5 VA maximum per ZVD control unit

Output: 24VAC 10 VA wet or 24 VA dry to be connected to air handler equipment, relay coils or other approved hardware

Fuse: 4 Amps, 125V, GMA



Product Information and Application Use

The Zone Valve/Damper (ZVD) control board controls up to eight zone valves or zone dampers for On/Off operation. Jumper pins on the board can be set for dry contact or powered switching along with address number and device type (valves or dampers). Control features an Off-Auto-Manual switch.

✓	Description	Part Number	Height	Width	Depth	Weight
<input type="checkbox"/>	Zone Valve and Damper (ZVD) Control	A9011400	13.0"	9.50"	1.50"	1.30 lbs.

Installation

All connections are screw terminal blocks and are removable from the board for ease of wiring. The ZVD requires a 24VAC power source. Use a Cat5e patch cable with RJ45 connectors to connect it to the Router Main Control. Refer to the Uponor Climate Control™ Network System Zone Valve and Damper (ZVD) Control Instruction Sheet for additional information.

Standards

Class II wiring

Codes

N/A

Listings

N/A

Related Applications

Radiant Heating and Cooling System
Snow and Ice Melting System
Permafrost Protection System
Turf Conditioning System

Contact Information

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