

# BACnet Thermostat– Dual Duct VAV



## FEATURES

- Energy Management System ready with BACnet communications
- Easy installation and operation
- Stand-alone operation
- For use with Hot Deck/Cold Deck Air Handlers
- Pressure Dependent Dual Duct VAV Damper Control

## SPECIFICATIONS

Model	EXL-01716
Fan Speeds	0
Damper Outputs	2 modulating
Cooling Stages	0
Heating Stages	0
Input Voltage	12-24 V AC/DC
Input Power	5 VA
Output Load Max	1.0 Amps
Control Output	Relay - 24 VAC/DC
Comm. Line	BACnet MS/TP

## PART NUMBER:

EXL-01716[Options]  
RN, TC, DA

## BACnet Zone Damper

### Description:

The BACnet Dual Duct VAV Zone Damper operates a single zone pressure dependent variable volume (VAV) or other damper applications, with 2 modulating outputs.

Setpoints are adjustable on the thermostat or from the BACnet interface. Space temperature setpoints are internally limited by a minimum and maximum setting (adjustable). The thermostat may be placed in the occupied or unoccupied mode, by a manual operator command or a timed override. Space temperature is displayed under normal operation. The thermostat can add up to 4 external thermistors. The digital display indicates the current operating mode, heating/cooling status, and outside air temperature (if provided via the BACnet interface).

The unoccupied mode may be overridden by an occupant adjustment up to the maximum allowed hours (adjustable). A manual timer allows from 0.1 to 99.9 hours of occupied operation and then returns to the unoccupied mode.

Night Setback stages the heating or cooling when the room temperature is below 60°F or greater than 85°F and continues operation until the setpoint is exceeded by 5°F.

When ordering quantities greater than 30 customized setpoints and additional sequences are available at additional cost, please request a quote for your application.

Relay isolation allows for independent power supply on controlled equipment.

### Options:

- DA Monitors Discharge Air Temperature for Troubleshooting.
- RN Remote Sensor - Allows the controller to be located in a secure room and the Room Sensor to be in an exterior zone.
- TC Time Clock - Provides an occupancy schedule.



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