

BACnet Thermostat – Pressure Independent VAV Damper Control with Heat



- FEATURES**
- Energy Management System ready with BACnet communications
 - Setpoints are limited to internal settings (adjustable)
 - Easy installation and operation
 - Stand-alone operation
 - Operates Pressure Independent VAV Dampers.
 - Damper Position Set for high/low Heating and Cooling CFM demand.
 - Compatible with Pinch off boxes and Fan Powered Parallel boxes
 - Heat must be compatible with Analog Output. Such as Electric SCR or HW

SPECIFICATIONS

Model	EXL-01822
Fan Speeds	1
Cooling Outputs	0
Heating Outputs	1
Input Voltage	12-24 V AC/DC
Input Power	5 VA
Output Load Max	1.0 Amps
Relay Output	24 VAC/DC
Analog Output	0-10 VDC
Comm. Line	BACnet MS/TP

PART NUMBER:

EXL-01820 [Options]
Options
DA, RN, TC

BACnet Thermostat

Description:

This BACnet thermostat operates any VAV damper based on space temp. Setpoints are adjustable 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. Space temperature is displayed under normal operation. The digital display indicates the current operating mode 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 modulates 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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