BACnet Thermostat – 2 stage heat/cool MAU Damper Interlock with dehumidification & Emergency Stop

BACnet Performance Products
ExactLogic

FEATURES

- Energy Management System ready with BACnet communications.
- Internal Sensor controls 2 cooling and 2 heating stages.
- Setpoints are limited to internal settings (adjustable).
- Anticycle time delays Protect equipment.
- Easy installation and operation.
- Stand-alone operation.
- Includes OA Damper interlock & Dehumidification control.
- Emergency Stop to Shutdown unit.

SPECIFICATIONS

Model	EXL-01823
Fan Speeds	1
Cooling Outputs	2
Heating Outputs	2
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-01817 [Options]
Options
RA, DA, RN, HS

BACnet Thermostat

Description:

This BACnet thermostat operates any heating or cooling staged application with up to 2 stages of cooling and 2 stage of heating. 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.

Waits to open the Outside Air Damper before it commands the fan on.

Dehumidification and emergency Stop

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:

☐ RA   Monitors Return Air Temperature for Troubleshooting.

☐ 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.

      HS   Humidity Sensor – Required for Dehumidification Sequence.

☐

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