



FEATURES

- Energy Management System ready with BACnet communications
- Internal Sensor controls heating and cooling stages
- Setpoints are Limited to internal settings (adjustable)
- Anticycle time delays Protect equipment
- Easy installation and operation
- Stand-alone operation
- Heat/cool decided locally with water temp sensor or via a network command
- Includes all types of valve applications (modulating, open/close or floating)

SPECIFICATIONS

Model	EXL-01813
Fan Speeds	3
Cooling Outputs	1
Heating Outputs	1
Input Voltage	12-24 V AC/DC
Input Power	5 VA
Output Load Max	1.0 Amps
Digital Outputs	Relay - 24 VAC/DC
Analog Outputs	0-10 VDC
Comm. Line	BACnet MS/TP

PART NUMBER:

EXL-01813 [Options]
Options
RA, RN, TC



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BACnet Thermostat

Description:

This BACnet thermostat operates in heating / cooling mode based on the temperature of the available water compared to the user adjustable setpoints; this can also be set by a network command.

There are three different command outputs for fan speed; low, medium and high which will ramp up based on the heat/cool demand.

All 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 by a manual operator command or a timed override. Space temperature is displayed under normal operation. The digital display indicates the current operating mode, fan status, 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:

- RA Monitors Return 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.

