

## BACnet Thermostat – Fan Coil



### FEATURES

- Energy Management System ready with BACnet communications
- Internal Sensor controls modulating speed fan, heating & cooling outputs
- Setpoints are Limited to internal settings (adjustable)
- Easy installation and operation
- Stand-alone operation
- Operates Fan Coil Units, Reheat Coils, Underfloor VAV zones etc.
- Operates fan coils with a four pipe system
- Optional occupancy and humidity sensor.

### SPECIFICATIONS

Model	EXL-01627
Fan Speeds	Modulating 0-10V
Cooling Outputs	Floating or Modulating
Heating Outputs	Floating or Modulating
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-01627 [Options]**  
**Options**  
**RA, DA, RN, TC**



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## BACnet Fan Coil Thermostat

### Description:

This BACnet thermostat operates heating or cooling applications with a modulating speed fan (0-10 VDC). There is an analog output (0-10 VDC) for heating or cooling and four relay outputs for floating point heating and cooling with a four pipe system. 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 fan operates when the occupied command is on or by a heating and cooling request. The fan will modulate with the heating and cooling demand.

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:

- ☐ 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.
- ☐ TC Time Clock - Provides an occupancy schedule.



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14295 James Rd. Suite #200 | Rogers, MN | 55374  
1-866-714-0522 | [www.exactlogic.com](http://www.exactlogic.com)