



SPECIFICATIONS

Model	EXL-01610
Fan Speeds	1
Cooling Outputs	2 digital 1 modulating
Heating Outputs	2 digital 1 modulating
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-01610 [Options]
Options
RA, DA, RN, TC, MV



BACnet is a registered trademark of ASHRAE. EXACTLOGIC does not endorse, approve or test products for compliance with ASHRAE standards. Compliance of these products to requirements of ASHRAE Standard 110 is the responsibility of the BACnet International. BTL is a registered trademark of the BTL Testing Laboratory.

FEATURES

- Energy Management System ready with BACnet communications
- Internal Sensor controls 2 heating and 2 cooling stages\modulating outputs
- Setpoints are Limited to internal settings (adjustable)
- Anticycle time delays Protect equipment
- Easy installation and operation
- Stand-alone operation
- Operates Roof Top Units, Heat Pumps, Fan Coil Units, Furnaces, Exhaust Fans, Reheat Coils, and other heating and cooling applications
- Internal, Remote, or a Network transferred temperature sensor can be used for control

BACnet Thermostat

Description:

This BACnet thermostat is pre-programmed for operating heating or cooling applications Available modes are 2 stages of heating and cooling, modulating heating and cooling, and compressor/reversing for heat pumps. 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.

Heating and cooling stages are limited to maintain the discharge air temperature at no less than 50°F and no greater than 125°F, with the optional discharge air sensor.

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.
- 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.
- MV PWM Valve Modulation (Honeywell MV100, Siemens 247 series).

