



S&P VENTILATION SYSTEMS

BACnet FAN CONTROL

Low-cost Connection for ERVs + BMS



BACnet TESTING LABORATORIES LISTED

OVERVIEW

The BACnet Fan Controller provides an **INEXPENSIVE AND STREAMLINED** solution to connecting S&P Ventilation Systems energy recovery ventilators (ERVs) with a building management system (BMS). Using standard controls, the BACnet Fan Controller is a **SIMPLE WALL MOUNT CONTROLLER** that allows the user to turn a S&P Ventilation Systems ERV on and off through the keypad, through a digital input with a remote switch, or through a BMS with BACnet MS/TP.

FEATURES

Allows the user to:

- Connects ERV to building at up to 50% less cost than adding another I/O connection
- Adds remote fan control functionally to standard control units
- Set fan on/off status and speed
- Local control without opening unit and/or BMS override via BACnet MS/TP
- 24VAC power wired required
- Field installed accessory
- Wall mounted, LCD display

APPLICATIONS

The BACnet Fan Controller is designed for S&P Ventilation Systems's commercial and residential ERV systems (TRLPe110/H, TRe90-300, TRC1200-1600, TRC1200RT-1600RT, TRCe1200, TRCe1200RT, TRCeN500-800, and TRCeN500RT-800RT). These units must be equipped with standard controls. Standard controls have a dry contact that can be used to control the unit with a variety of low-voltage (24VAC) control devices such as remote switches or relays.

The BACnet Fan Controller is the perfect solution for many simple applications.

INSTALLATION

The field installed accessory can be mounted by the unit or on a standard junction box.

DIGITAL INPUT INTERLOCK

Systems may be turned on or off based on:

- Air handling unit (AHU) status
- Smoke detector input
- Occupancy sensor

BACNET MS/TP INTEGRATION

Allows the user to:

- View statuses
- Shut down the unit based on building needs
- Set fan speeds



ENABLING THE WORLD TO BREATHE BETTER AIR



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