RenewAire®
Energy Recovery Ventilation

BACNET
FAN CONTROL

Simple Low-cost Connection for ERVs + BMS/BAS

- 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

BACNET TESTING LABORATORIES LISTED

The BACnet Fan Controller provides an **INEXPENSIVE AND STREAMLINED SOLUTION** to connecting RenewAire 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 RenewAire ERV on and off through the keypad, through a digital input with a remote switch, or through a BMS with BACnet MS/TP.

BACNET TESTING LABORATORIES LISTED

APPLICATIONS

The BACnet Fan Controller is **designed for RenewAire's commercial and residential ERV systems** (EV/EV Premium Series, SL Series, HE Series, and LE Series). 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 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

INCREASE VENTILATION
REUSE THE ENERGY IN YOUR AIR

Health/Wellness Benefits

- BETTER HEALTH
- REDUCED VIRAL SPREAD
- IMPROVED COGNITIVE FUNCTION
- INCREASED PRODUCTIVITY

ERV Energy Savings

- Lower ventilation energy costs up to 65%
- Reduce HVAC loads
- Maximize ROI with short payback

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