

# 330 ERV

## ENERGY RECOVERY VENTILATOR



### ENGINEERING DATA:

#### TOTAL RECOVERY CORE

The cross-flow energy recovery core transfers heat and water vapor between the two air streams. It is easily removed for cleaning or service.

#### MOTORS

Two PSG, 3 speed single shafted, 120 VAC, 1.92 Amps each (3.8 total on high speed). HP - 1/6, 1625 RPM. MCA: 4.8 MOP: 15 Watts - total on high speed - 437.

#### FILTERS

2 in. pleated MERV 8 filters in supply and exhaust air streams.

#### BLOWERS

Slide easily in / out of unit. Centrifugal type rated at 460 CFM (217 L/s) free air delivery. Each air stream has one single shafted motor driving a centrifugal blower.

#### CONNECTION DUCT SIZES

330 ERV - Four - 8 in. x 8 in. (200 mm x 200 mm).

#### MOUNTING

Unit to be set on support brackets hung by threaded rod type apparatus (brackets and rods not provided).

#### CABINET

Unit has front and back access doors and electrical panel can be switched to either side giving installer flexibility in duct direction. 20 gauge prepainted galvanized steel (G60) for superior corrosion resistance. Insulated with foil faced insulation where required to prevent exterior condensation.

#### ELECTRONICS

Integrated microprocessor circuit board.  
Built-in interlock contacts.  
Optional remote speed control.

#### FROST PREVENTION

Temperature sensor activated, periodically shuts down supply motor. Drains not required.

#### OPTIONAL CONTROL

##### 99-BC04 LIFE BREATH VENTILATION CONTROL

- 2 speed fan setting (Low/High)
- 2 modes of operation: Ventilation, 20/40
- Compatible with 99-DETO2 Wireless Timers
- 3 wire connection; 20 gauge wire (minimum)

#### TIMERS

##### 99-DETO2 LIFE BREATH WIRELESS 20/40/60 MINUTE TIMER

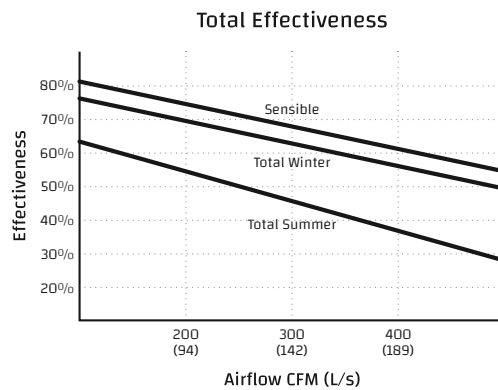
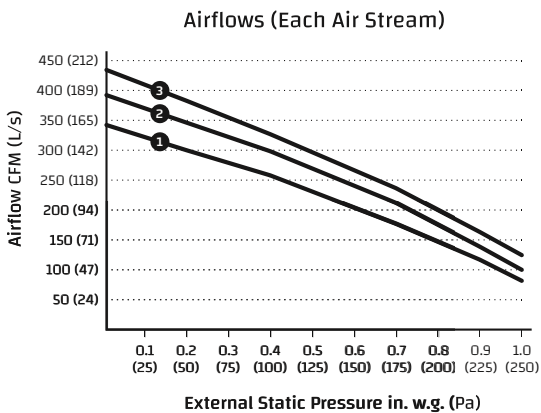
- Initiates high speed Ventilation for 20, 40 or 60 minutes
- Wirelessly connects to main control for ease of installation
- 40' approximate range

##### 99-DETO1 LIFE BREATH 20/40/60 MINUTE TIMER

- Initiates high speed ventilation for 20, 40 or 60 minutes. 3 wire connection.

##### 99-RX02 LIFE BREATH WIRELESS REPEATER

- Used to extend range of 99-DETO2 Wireless Timers
- Plugs into 120V power outlet and wirelessly connects to main control and 99-DETO2



WEIGHT:  
**120 LBS (54 KG)**

SHIPPING WEIGHT:  
**150 LBS (68 KG)**

#### WARRANTY

Units carry a 10 year warranty on the core and a 2 year replacement parts warranty.

**ISO 9001**  
REGISTERED

Note: The 330ERV model may easily be reversed in the field. Service clearance is 30 in. (760 mm) from front access doors.

AHRI 1060 Certified Core:  
Contains one 68-280

