

530 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 PSC, 2 speed single shafted, 120 VAC, 4.5 Amps each (9 total on high speed). HP- 1/4, 1450 RPM. MCA: 11.3 MOP: 15 Watts - total on high speed - 1032.

FILTERS

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

BLOWERS

Slide easily in / out of unit. Centrifugal type rated at 700 CFM (329 L/s) free air delivery. Each air stream has one single shafted motor driving a centrifugal blower.

CONNECTION DUCT SIZES

Four - 14 in. x 8 in. (356 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-DET02 Wireless Timers
- 3 wire connection; 20 gauge wire (minimum)

TIMERS

99-DET02 LIFE BREATH WIRELESS 20/40/60 MINUTE TIMER

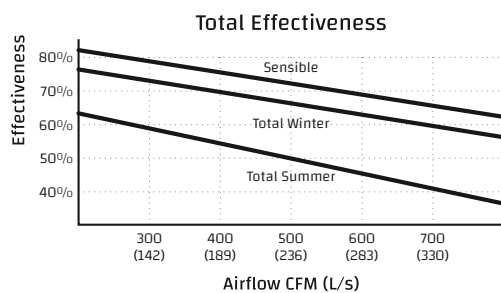
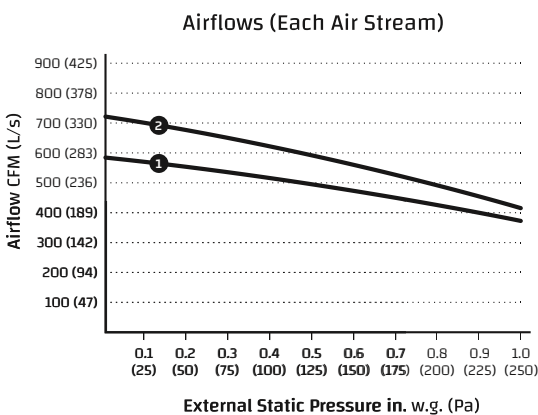
- Initiates high speed Ventilation for 20, 40 or 60 minutes
- Wirelessly connects to main control for ease of installation
- 40 ft. approximate range

99-DET01 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-DET02 Wireless Timers
- Plugs into 120V power outlet and wirelessly connects to main control and 99-DET02



WEIGHT:
260 LBS (118 KG)

SHIPPING WEIGHT:
310 LBS (141 KG)

WARRANTY

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

ISO 9001
REGISTERED

Note: The 530ERV model may easily be reversed in the field. Service clearance is 30 in. (760 mm) from front access doors.

AHRI 1060 Certified Core: Contains two 68-280

