

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 PSC, 3 speed single shafted, 120 VAC, 2.75 A each (5.5 A total on high speed). HP - 1/6, 1625 RPM. MCA: 6.9, MOP: 15. Total on high speed: 660 watts.

FILTERS

2 in. pleated MERV8 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

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 rod not provided).

CABINET

Unit has front and back access doors and electrical panel can be switched to either side giving installer flexibility in duct connection. 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.

CONTROLS

99-BC04 - Lifebreath 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).



TIMER OPTIONS

99-DET01 - Lifebreath 20/40/60 Minute Timer

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

99-DET02 - Wireless Lifebreath 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. **Exclusive to Lifebreath.**

99-RX02 - Wireless Lifebreath Repeater

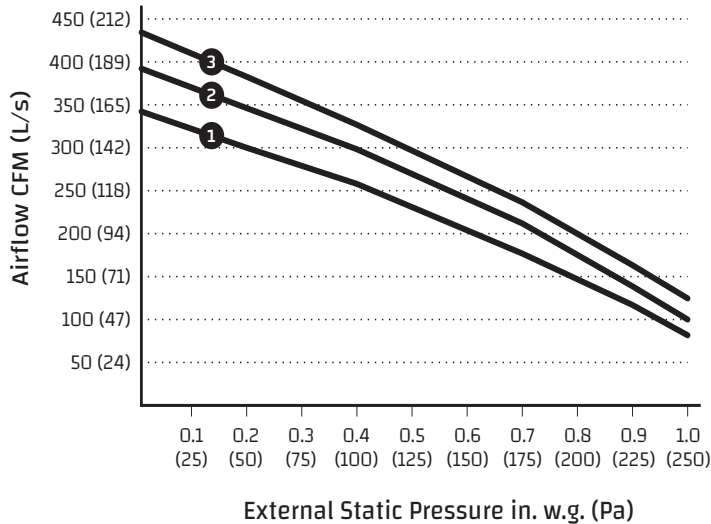
Extends range of 99-DET02 Wireless Timers. Plugs into 120V power outlet. Wirelessly connects to main control and 99-DET02. Install at halfway point between timer and main wall control if timer is out of range.

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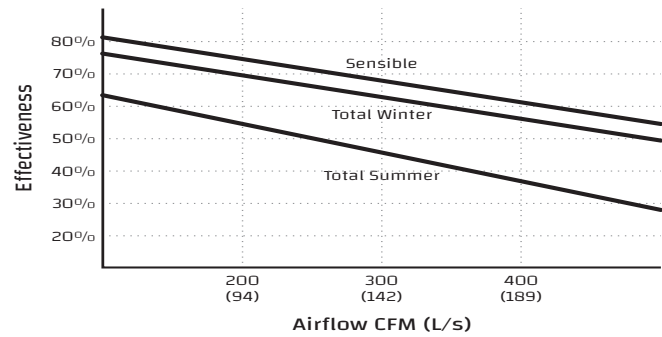
ENERGY RECOVERY VENTILATOR



Airflows (Each Air Stream)



Total Effectiveness



AHRI 1060 Certified Core:
Contains one 68-280



NOTE:

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

WEIGHT:

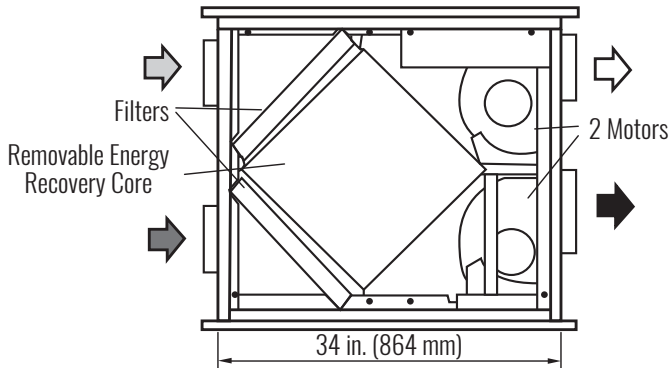
120 LBS (54 KG)

SHIPPING WEIGHT:

150 LBS (68 KG)

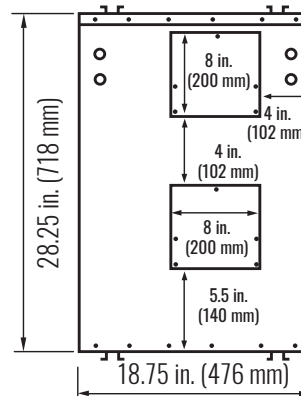
DIMENSIONS

FRONT VIEW

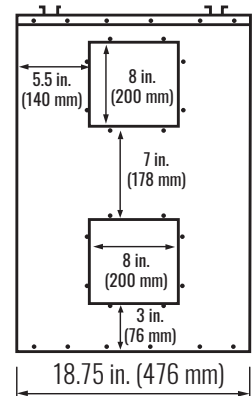


- ↗ Stale Air to Outside
- ↖ Fresh Air from Outside
- ↘ Stale Air from Inside
- ↙ Fresh Air to Inside

Discharge Side



Inlet Side



Date: _____

Contractor: _____

Tag: _____

Supplier: _____

Project: _____ Qty: _____

Quote #: _____

Engineer: _____

Submitted By: _____

Control: _____

Timer: _____ Timer Qty: _____

WARRANTY

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

All units conform to CSA and UL standards



www.lifebreath.com