



CORES

Modular (2 section) patented aluminum heat recovery cores arranged for efficient counter-flow ventilation.

MOTORS

Two PSC, 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

Washable air filters in exhaust and supply air streams.

BLOWERS

Slide easily in / out of unit. Centrifugal type rated at 236 L/s (500 CFM) free air delivery. Each air stream has one single shafted motor driving a centrifugal blower.

CONNECTION DUCT SIZES

Four - 14" x 8" (356 mm x 200 mm).

MOUNTING

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

CASE

Unit has front and back access doors and electrical panel can be switched to either side giving the installer flexibility in duct direction. 20 gauge pre-painted galvanized steel (G60) for superior corrosion resistance. Insulated with foil faced insulation where required to prevent exterior condensation. Drain connections; two - 1/2" (12 mm) O.D.

ELECTRONICS

Integrated microprocessor circuit board. Built-in interlock contacts.

DEFROST CONTROLS

MODEL 455FD - Interrupts supply air while exhaust air defrosts core.
MODEL 455DD - Supply bypass routes indoor air to defrost core.

WEIGHT 150 lbs. (70 kg) **SHIPPING WEIGHT** 210 lbs. (90 kg)

CONTROL OPTIONS

99-BC02 Lifebreath Ventilation Control

- 2 speed fan setting (Low/High)
- Humidity control through adjustable Dehumidistat
- Compatible with 99-DET02 Wireless Timers
- 3 wire connection; 20 gauge wire (minimum)

99-500 3 Speed Control

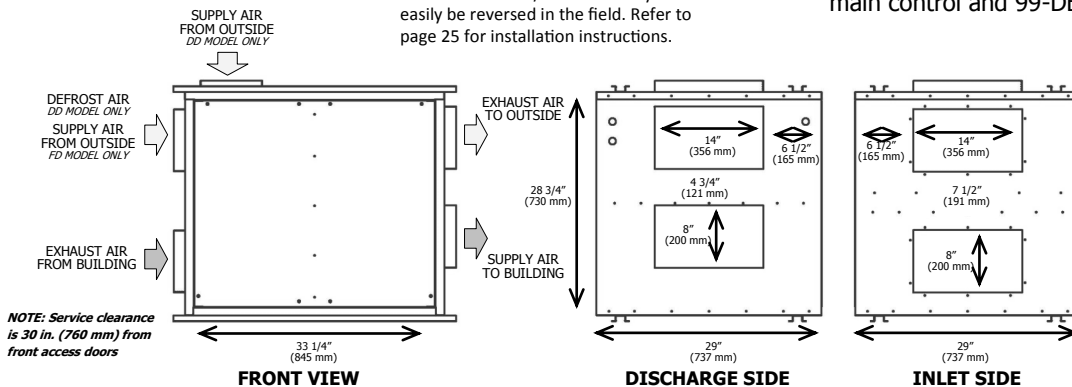
- 3 Speed Fan setting (Low/Medium/High)
- 4 wire connection; 20 gauge wire (minimum)

99-DH01 Lifebreath Dehumidistat

- Humidity control through adjustable Dehumidistat
- 3 wire connection; 20 gauge wire (minimum)

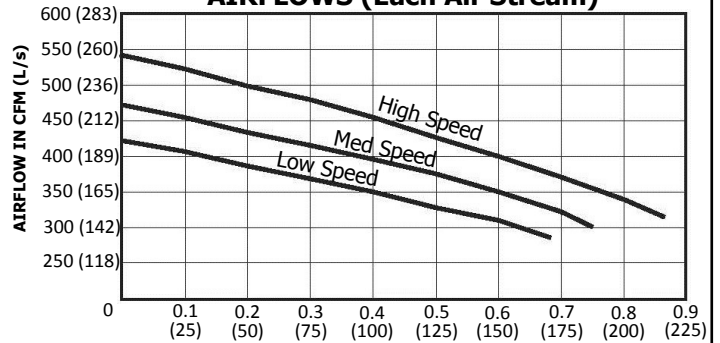
DIMENSIONS inches (mm)

NOTE: The 455FD/DD model may easily be reversed in the field. Refer to page 25 for installation instructions.

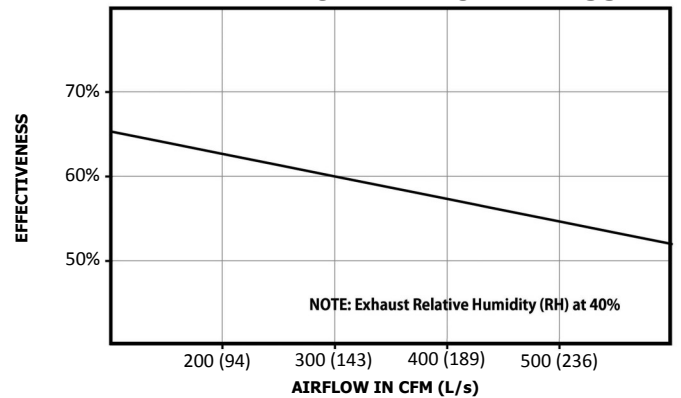


PERFORMANCE

AIRFLOWS (Each Air Stream)



TEMPERATURE EFFECTIVENESS



AHRI 1060 Certified
Core: Contains two 68-222

TIMER OPTIONS

99-DET01 Lifebreath 20/40/60 Minute Timer

- Initiates high speed Ventilation for 20, 40 or 60 minutes
- 3 wire connection; 20 gauge wire (minimum)

99-DET02 Lifebreath 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-RX02 Lifebreath WIRELESS Repeater

- Used to extend range of 99-DET02 Wireless Timers when Timers are out of range
- Plugs into 120V power outlet and wirelessly connects to main control and 99-DET02

WARRANTY

Units carry a 15 year warranty on the HRV core and a 2 year replacement parts warranty.

All units conform to CSA and UL standards

NOTE: All specifications are subject to change without notice.

Date: _____

Tag: _____ Qty: _____

Project: _____

Engineer: _____

Contractor: _____

Supplier: _____

Quote #: _____

Submitted by: _____