



CORES

Two modular (two section) aluminum HRV cores arranged for high efficiency cross-flow ventilation.

MOTORS

Two PSC, 5 speed double shafted, 120 VAC, 3.15 A motors. (6.3 A total on high speed) with 1/10 hp at 1625 RPM. Total of 610 watts on High speed. MCA: 7.9 MOP:10

BLOWERS

Centrifugal-type rated at 530 cfm (250 L/s) free air delivery. Each air stream has two centrifugal blowers driven by two PSC motors.

FILTERS

Washable air filters in exhaust and supply air streams.

DEFROST

Supply bypass damper routes indoor air to defrost cores.

WEIGHT 160 lbs. (70 kg) **SHIPPING WEIGHT** 240 lbs. (110 kg)

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 included).

CASE

Twenty gauge pre-painted galvanized steel (G60) for superior corrosion resistance. Insulated with foil faced insulation duct liner where required to prevent exterior condensation. One drain connection 1/2" (12 mm) OD.

ELECTRONICS

Integrated microprocessor circuit board. Built-in interlock contacts.

CONTROL OPTIONS

99-DXPL02 Lifebreath Digital Control (Included)

- 5 speed operation on each mode
- Humidity control through adjustable Dehumidistat
- 5 user selectable operational modes: Continuous Ventilation, Continuous Recirculation, 20 ON/40 OFF, 10 ON/50 OFF, 20 ON/40 Recirculation
- 20/40/60 min. High speed override button
- Compatible with 99-DET02 Wireless Timers
- 3 wire connection

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

99-BC03 Lifebreath Ventilation Control

- Continuous Low fan speed
- Humidity control through adjustable Dehumidistat
- 3 modes of operation: Ventilation, Recirculation, 20/40
- Compatible with 99-DET02 Wireless Timers
- 3 wire connection

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

99-DH01 Lifebreath Dehumidistat

- Humidity control through adjustable Dehumidistat
- 3 wire connection

TIMER OPTIONS

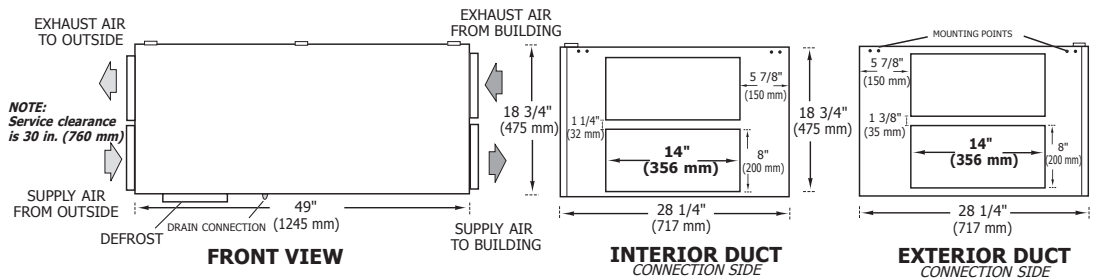
99-DET01 Lifebreath 20/40/60 Minute Timer - Initiates High speed Ventilation for 20, 40 or 60 minutes. 3 wire connection.

99-DET02 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. 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.

DIMENSIONS inches (mm)



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

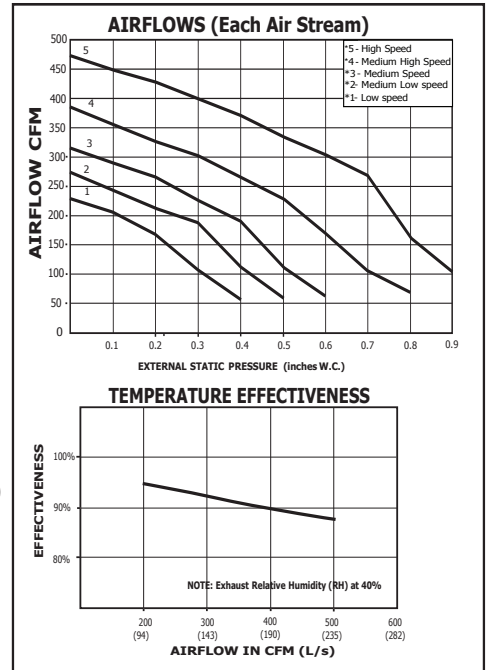
Date: _____
 Tag: _____ Qty: _____
 Project: _____
 Engineer: _____

Contractor: _____
 Supplier: _____
 Quote#: _____
 Submitted by: _____

PERFORMANCE

Net supply airflow in cfm (L/s) against external static pressure

| E.S.P | cfm | L/s |
|--------------------|-----|-------|
| @ 0.1" (25 Pa) | 450 | (212) |
| @ 0.2" (50 Pa) | 426 | (201) |
| @ 0.3" (75 Pa) | 400 | (189) |
| @ 0.4" (100 Pa) | 371 | (175) |
| @ 0.5" (125 Pa) | 337 | (159) |
| @ 0.6" (150 Pa) | 304 | (143) |
| @ 0.7" (175 Pa) | 269 | (127) |
| @ 0.8" (200 Pa) | 158 | (75) |
| @ 0.9" (225 Pa) | 107 | (50) |
| VAC @ 60HZ | 120 | |
| WATTS / Low speed | 187 | |
| WATTS / High speed | 610 | |
| Amp rating | 6.3 | |



All units conform to CSA and UL standards

NOTE: All specifications are subject to change without notice.