

ENGINEERING DATA

THERMALLY CONDUCTIVE, PATENTED ALUMINUM CORE

The counter-flow heat recovery core transfers heat between the two airstreams. It is easily removed for cleaning or service.

MOTORS AND BLOWERS

Each airstream has an independent motorized impeller with multiple fan speed operations.

FILTERS

Washable air filters in exhaust and supply airstreams.

MOUNTING THE HRV

Threaded inserts at corners of the cabinet designed to accept the "S" hooks and hanging straps supplied with the unit.

DEFROST

Recirculating damper defrost system.

CASE

20 gauge prepainted galvanized steel for superior corrosion resistance, insulated to prevent exterior condensation. Drain connections: Two 1/2 in (12 mm) OD. Balancing ports are located on unit.

ELECTRONICS

The control included with the unit can be wall mounted in a central location of the home. 3 wire 20 gauge (min.) 100 ft length (max.).

CONTROL

99-DXPL02 Lifebreath Digital Control

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

99-RX02 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.

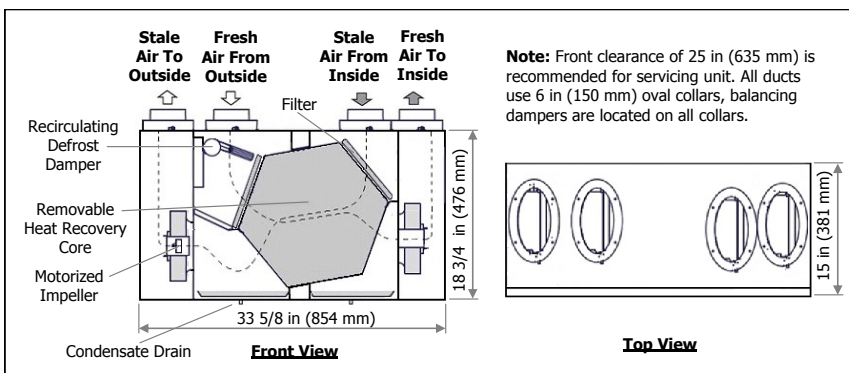
ACCESSORY OPTIONS

99-163 Duct Heater w/Electronic SCR Thermostat - 1 kW, 6 in (152 mm)

99-186 Weatherhoods - Two 6 in (152 mm)

WEIGHT 57 lbs (25.8 kg) **SHIPPING WEIGHT** 67 lbs (30kg)

DIMENSIONS 205MAX



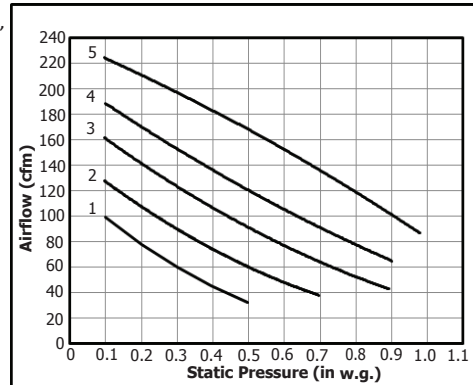
Performance (HVI certified) Net supply air flow in cfm (L/s) against external static pressure	
External Static Pressure	Airflow
@ 0.1 in (25 Pa)	222 cfm (105 L/s)
@ 0.2 in (50 Pa)	207 cfm (98 L/s)
@ 0.3 in (75 Pa)	193 cfm (91 L/s)
@ 0.4 in (100 Pa)	179 cfm (84 L/s)
@ 0.5 in (125 Pa)	165 cfm (78 L/s)
@ 0.6 in (150 Pa)	150 cfm (71 L/s)
@ 0.7 in (175 Pa)	135 cfm (63 L/s)
@ 0.8 in (200 Pa)	119 cfm (56 L/s)
@ 0.9 in (225 Pa)	102 cfm (48 L/s)
@ 1.0 in (250 Pa)	84 cfm (40 L/s)
Max. Temperature Recovery	81%
Sensible Effectiveness @ 100 cfm (47 L/s) 32°F (0°C)	77%
Sensible Efficiency @ 100 cfm (47 L/s) 32°F (0°C)	68%
Sensible Efficiency @ 100 cfm (47 L/s) -13°F (-25°C)	68%
VAC @ 60Hz	120
Watts/Low speed	64
Watts/High speed	96
Amp rating	1.4

Sensible Efficiency: Thermal

Total Efficiency: Moisture and Thermal

Effectiveness: Based on temperature differential between the 2 airstreams

Efficiency: Takes into account all power inputs



WARRANTY

Units carry a lifetime warranty on the HRV core and a 5 year replacement parts warranty.

NOTE: All specifications are subject to change without notice.

All units conform to CSA and UL standards



Date: _____

Contractor: _____

Tag: _____ Qty: _____

Supplier: _____

Project: _____

Quote #: _____

Engineer: _____

Submitted By: _____