

## **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-DFT02 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.

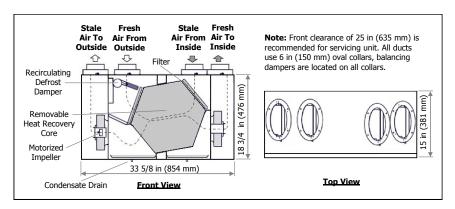
## ACCESSORY OPTIONS

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

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

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) 207 cfm (98 L/s) @ 0.2 in (50 Pa) @ 0.3 in (75 Pa) 193 cfm (91 L/s) 179 cfm (84 L/s) @ 0.4 in (100 Pa) 165 cfm (78 L/s) @ 0.5 in (125 Pa) 150 cfm (71 L/s) @ 0.6 in (150 Pa) @ 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) 81% Max. Temperature Recovery Sensible Effectiveness 32°F (0°C) 77% @ 100 cfm (47 L/s) 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

Sensible Efficiency: Thermal

Watts/High speed

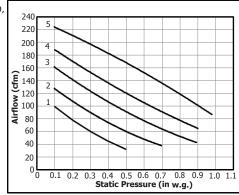
Total Efficiency: Moisture and Thermal

Effectiveness: Based on temperature differential between

the 2 airstreams

Amp rating

Efficiency: Takes into account all power inputs











96

1.4

# 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: