

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.).

CONTROLS

99-DXPL01 Lifestyle MAX Digital Control

- 5 speed operation on each mode
- 4 user selectable operational modes: Continuous Ventilation, 20 ON/40 OFF, 20 ON/40 Recirculation, Continuous Recirculation
- Humidity control through dehumidistat
- Adjustable dehumidistat function built into main wall control
- Built in relay for interfacing to furnace
- 3 wire connection

OPTIONAL CONTROLS

99-LS01 Lifestyle MAX Programmable Control - Contains all the features of the Lifestyle MAX Digital Control with 24/7 programmable ventilation, 3 wire connection.

OPTIONAL TIMERS

99-DET01 Lifestyle 20/40/60 Minute Timer - Initiates high speed ventilation for 20, 40, or 60 minutes, 3 wire connection.

99-20M01 Lifestyle 20 Minute Timer - Initiates high speed ventilation for 20 minutes, 3 wire connection.

99-101 Mechanical Timer - Initiates high speed ventilation for up to 60 minutes, 2 wire connection.

OPTIONAL ACCESSORIES

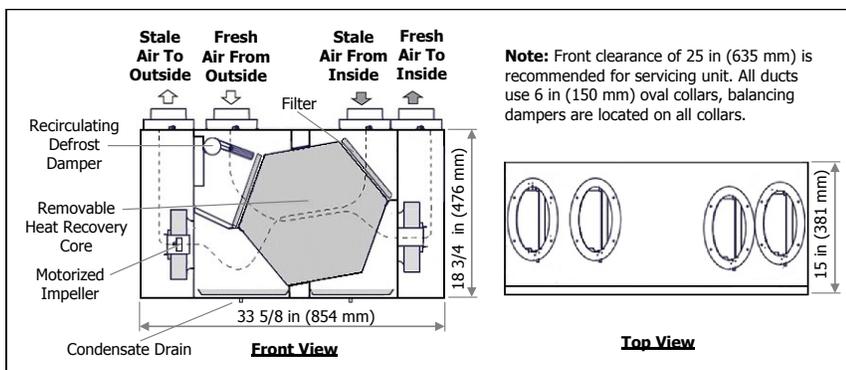
99-DH01 Lifestyle Dehumidistat - Initiates high speed ventilation when the indoor humidity level is above the set point. 3 wire connection.

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



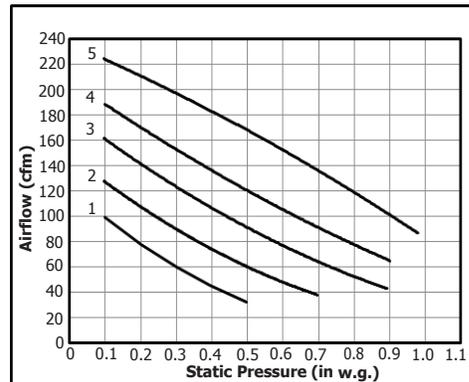
| Performance (HVI certified) Net supply air flow in cfm (L/s) against external static pressure | |
|--|-------------------|
| External Static Pressure | Airflow |
| @ 0.1 in (25 Pa) | 222 cfm (105 L/s) |
| @ 0.2 in (50 Pa) | 207 cfm (98 L/s) |
| @ 0.3 in (75 Pa) | 193 cfm (91 L/s) |
| @ 0.4 in (100 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: _____