ENGINEERING DATA

THERMALLY CONDUCTIVE, PATENTED ALUMINUM CORE
The cross-flow heat recovery core transfers heat between the two airstreams. It is easily removed for cleaning or service.

MOTORS AND BLOWERS
Each airstream has one centrifugal blower driven by a common PSC motor with multiple 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.

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

OPTIONAL CONTROLS
99-LS01 Lifestyle MAX Programmable Control - Contains all the features of the Lifestyle MAX Digital Control with 24/7 programmable ventilation

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 or 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).
99-185 Weatherhoods - Two 5 in (125 mm)

WEIGHT 52 lbs (23.6 kg) SHIPPING WEIGHT 56 lbs (25.4 kg)

DIMENSIONS 95MAX

<table>
<thead>
<tr>
<th>Performance</th>
<th>Net supply air flow in cfm (L/s) against external static pressure</th>
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<tbody>
<tr>
<td>External Static Pressure</td>
<td>Airflow</td>
</tr>
<tr>
<td>@ 0.1 in (25 Pa)</td>
<td>69 cfm (32 L/s)</td>
</tr>
<tr>
<td>@ 0.2 in (50 Pa)</td>
<td>66 cfm (31 L/s)</td>
</tr>
<tr>
<td>@ 0.3 in (75 Pa)</td>
<td>64 cfm (30 L/s)</td>
</tr>
<tr>
<td>@ 0.4 in (100 Pa)</td>
<td>60 cfm (28 L/s)</td>
</tr>
<tr>
<td>@ 0.5 in (125 Pa)</td>
<td>55 cfm (26 L/s)</td>
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</tbody>
</table>

Max. Temperature Recovery 88%

Sensible Effectiveness:
- @ 60 cfm (28 L/s) 32°F (0°C) 88%
- @ 60 cfm (28 L/s) 32°F (0°C) 75%

Sensible Efficiency:
- @ 61 cfm (29 L/s) -13°F (-25°C) 68%

VAC @ 60Hz 120

Watt / Low speed 59

Watt / High speed 89

Amp rating 0.9

Sensible Efficiency: Thermal

Effectiveness: Based on temperature differential between the 2 airstreams

Efficiency: Takes into account all power inputs

NOTE: All specifications are subject to change without notice.

All units conform to CSA and UL standards.

WARRANTY

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

Date: ___________________________ Contractor: ___________________________
Tag: _________________________ Qty: ___________________________
Project: _________________________ Supplier: ___________________________
Engineer: _________________________ Quote #: ___________________________
Submitted By: _________________________