ENGINEERING DATA

THERMALLY CONDUCTIVE, PATENTED ALUMINUM CORE
The cross-flow heat recovery core transfers heat between the two airstreams. The two cores are arranged for highly efficient counter current airflow.

MOTORS AND BLOWERS
Each airstream has one centrifugal blower driven by a common PSC motor, with multiple fanspeed 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
Damper defrost system.

CASE
20 gauge prepainted galvanized steel for superior corrosion resistance, insulating to prevent exterior condensation. Drain connections 2-1/2” (12mm) OD.

ELECTRONICS
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-DXL01 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, 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 88 lbs (40 kg) SHIPPING WEIGHT 92 lbs (41.8 kg)

DIMENSIONS 195DCS

Performance (HVI certified)

<table>
<thead>
<tr>
<th>Static Pressure (in w.g.)</th>
<th>Net supply Airflow (cfm)</th>
<th>Sensible Effectiveness @ 60Hz</th>
<th>Sensible Efficiency @ 60Hz</th>
<th>Thermal Effectiveness @ 60Hz</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.1 in (25 Pa)</td>
<td>216 cfm (101)</td>
<td>32°F (0°C) 86%</td>
<td>32°F (0°C) 78%</td>
<td>32°F (0°C) 72%</td>
</tr>
<tr>
<td>0.2 in (50 Pa)</td>
<td>195 cfm (92)</td>
<td>32°F (0°C) 86%</td>
<td>32°F (0°C) 78%</td>
<td>32°F (0°C) 72%</td>
</tr>
<tr>
<td>0.3 in (75 Pa)</td>
<td>181 cfm (85)</td>
<td>32°F (0°C) 86%</td>
<td>32°F (0°C) 78%</td>
<td>32°F (0°C) 72%</td>
</tr>
<tr>
<td>0.4 in (100 Pa)</td>
<td>158 cfm (74)</td>
<td>32°F (0°C) 86%</td>
<td>32°F (0°C) 78%</td>
<td>32°F (0°C) 72%</td>
</tr>
<tr>
<td>0.5 in (125 Pa)</td>
<td>144 cfm (68)</td>
<td>32°F (0°C) 86%</td>
<td>32°F (0°C) 78%</td>
<td>32°F (0°C) 72%</td>
</tr>
<tr>
<td>0.6 in (150 Pa)</td>
<td>125 cfm (59)</td>
<td>32°F (0°C) 86%</td>
<td>32°F (0°C) 78%</td>
<td>32°F (0°C) 72%</td>
</tr>
<tr>
<td>0.7 in (175 Pa)</td>
<td>107 cfm (50)</td>
<td>32°F (0°C) 86%</td>
<td>32°F (0°C) 78%</td>
<td>32°F (0°C) 72%</td>
</tr>
<tr>
<td>0.8 in (200 Pa)</td>
<td>72 cfm (34)</td>
<td>32°F (0°C) 86%</td>
<td>32°F (0°C) 78%</td>
<td>32°F (0°C) 72%</td>
</tr>
</tbody>
</table>

Max. Temperature Recovery 92%

Sensible Efficiency: Thermal Effectiveness: Based on temperature differential between the 2 airstreams
Efficiency: Takes into account all power inputs

WARNING

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: ___________________________