

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 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.

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 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

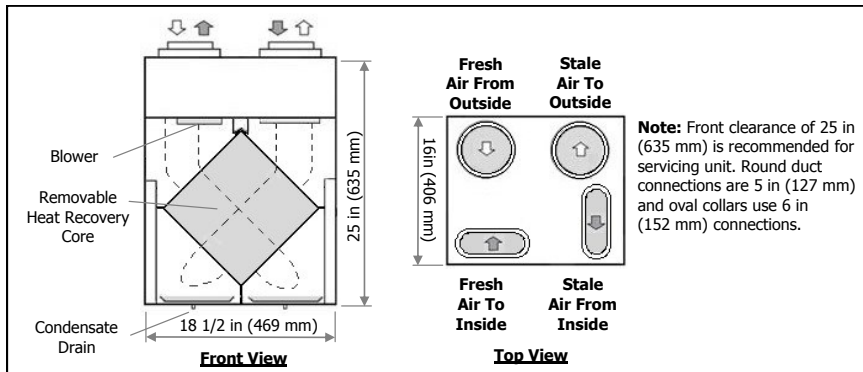
99-DH01 Lifestyle Dehumidistat - Initiates high speed ventilation when the indoor humidity level is above the set point, 3 wire connection

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

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

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

DIMENSIONS 95MAX

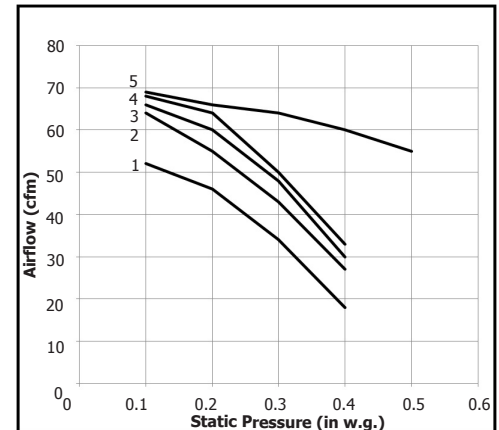


Performance (HVI certified) Net supply air flow in cfm (L/s) against external static pressure		
External Static Pressure	Airflow	
@ 0.1 in (25 Pa)	69 cfm (32 L/s)	
@ 0.2 in (50 Pa)	66 cfm (31 L/s)	
@ 0.3 in (75 Pa)	64 cfm (30 L/s)	
@ 0.4 in (100 Pa)	60 cfm (28 L/s)	
@ 0.5 in (125 Pa)	55 cfm (26 L/s)	
Max. Temperature Recovery		88%
Sensible Effectiveness		
@ 60 cfm (28 L/s)	32°F (0°C)	88%
Sensible Efficiency		
@ 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



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: _____