

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 air stream has one centrifugal blower driven by a common PSC motor. 5 speed fan operation.

FILTERS

Washable air filters in exhaust and supply air streams.

MOUNTING THE HRV

Four threaded inserts at corners of case designed to accept four reinforced polyester straps that are supplied with the unit.

DEFROST

Recirculating damper defrost system.

CASE

Twenty gauge prepainted galvanized steel (G60) for superior corrosion resistance. Insulated to prevent exterior condensation. Drain connections 2 - 1/2" (12 mm) OD. Balancing ports are located in the door.

CONTROLS & ELECTRONICS

The **Lifestyle MAX Digital Control** (included with unit) can be wall mounted in a central location of the home. (3 wire) 20 gauge wire (min.) 100' length

Electronic features include:

- 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 the main wall control
- Built-in Relay for Interfacing to furnace

OPTIONAL PROGRAMMABLE CONTROL

99-LS-01 Lifestyle MAX Programmable Control - contains all the features of the Lifestyle MAX Digital Control with 7/24 programmable ventilation, (3 wire) 20 gauge wire (min.) 100' length

OPTIONAL TIMERS

99-DET01 Lifestyle 20/40/60 Minute Timer - Initiates high speed ventilation for 20, 40, or 60 minutes, (3 wire) 20 gauge wire (min.) 100' length

99-20M01 Lifestyle 20 Minute Timer - Initiates high speed ventilation for 20 minutes, (3 wire) 20 gauge wire (min.) 100' length.

99-101 Mechanical Timer - Initiates High speed ventilation for up to 60 minutes, (2 wire) 20 gauge wire (min.) 100' length

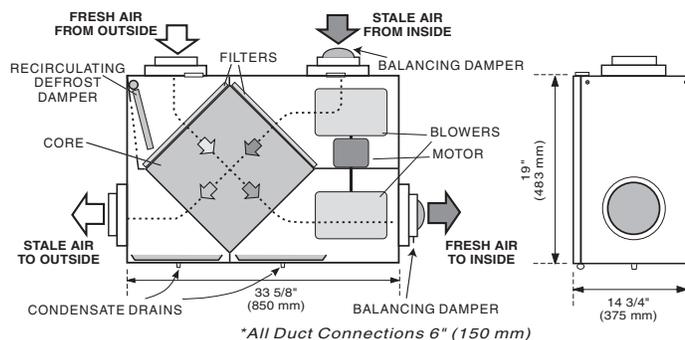
OPTIONAL ACCESSORIES

99-DH-01 Lifestyle Dehumidistat - Initiates high speed ventilation when the indoor humidity level is above the set point. (3 wire) 20 gauge wire (min.) 100' length

99-163 Duct Heater w/ Electronic SCR Thermostat, 1 Kw, 6" (150 mm)

99-186 Weatherhoods, Two - 6" (150 mm) c/w 1/4" (6 mm) mesh screen

DIMENSIONS 200MAX inches (mm)



*All Duct Connections 6" (150 mm)

*NOTE: Front clearance of 25 inches (635 mm) is recommended for servicing unit.



All units conform to CSA and UL standards.

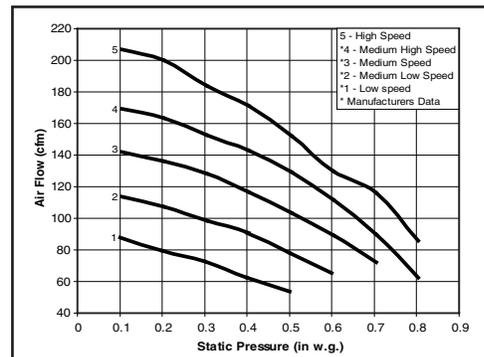
WARRANTY

Units carry a LIFETIME warranty on the heat recovery core and a 5 year replacement parts warranty.

All Duct Connections 6" (160 mm)

Performance (HVI certified) Net supply air flow in cfm (L/s) against external static pressure		
E.S.P (external static pressure)		[cfm (L/s)]
@ 0.1" (25 Pa)		207 (97)
@ 0.2" (50 Pa)		200 (94)
@ 0.3" (75 Pa)		184 (87)
@ 0.4" (100 Pa)		171 (80)
@ 0.5" (125 Pa)		152 (71)
@ 0.6" (150 Pa)		130 (61)
@ 0.7" (175 Pa)		116 (55)
@ 0.8" (200 Pa)		86 (40)
Max. Temperature Recovery		74%
Sensible Effectiveness		
@ 66 cfm (31 L/s)	32°F (0°C)	74%
*Sensible Efficiency		
@ 66 cfm (31 L/s)	32°F (0°C)	64%
*Sensible Efficiency		
@ 109 cfm (51 L/s)	-13°F (-25°C)	62%
VAC @ 60HZ		120
WATTS / Low speed.		87
WATTS / High speed		164
Amp rating		1.4

*Sensible Efficiency – thermal **Latent Efficiency – moisture
Note: Effectiveness - based on temp. differential between the 2 airstreams
Efficiency – takes into account all power inputs



Date: _____

Contractor: _____

Tag: _____ Qty: _____

Supplier: _____

Project: _____

Quote#: _____

Engineer: _____

Submitted by: _____



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