

ENGINEERING DATA

CORES

Two modular (two section) aluminum HRV cores arranged for high efficiency cross-flow ventilation.

MOTORS

Two PSC, 5 speed double shafted, 120 VAC, 3.15 A motors. (6.3 A total on high speed) with 1/10 hp at 1625 RPM. Total of 610 watts on High speed. MCA: 7.9 MOP: 15

BLOWERS

Centrifugal-type rated at 530 cfm (250 L/s) free air delivery. Each air stream has two centrifugal blowers driven by two PSC motors.

FILTERS

Washable air filters in exhaust and supply air streams.

DEFROST

Supply bypass damper routes indoor air to defrost cores.

WEIGHT 160 lbs. (70 kg) **SHIPPING WEIGHT** 240 lbs. (110 kg)

CONNECTION DUCT SIZES

Four " x 8" (356 mm x 200 mm)

MOUNTING

Unit to be set on support brackets hung by threaded rod-type apparatus (brackets and rods not included).

CASE

Twenty gauge pre-painted galvanized steel (G60) for superior corrosion resistance. Insulated with foil faced insulation duct liner where required to prevent exterior condensation.

One drain connection 1/2" (12 mm) OD.

CONTROLS & ELECTRONICS

The **Lifestyle MAX Digital Control (99-DXPL01)** is included with unit and 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
- 2 user selectable operational modes: Continuous Ventilation, 20 ON/40 OFF
- 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 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

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.

WARRANTY Units carry a 1 year warranty on the heat recovery core and a 2 year replacement parts warranty.

PERFORMANCE

Net supply airflow in cfm (L/s) against external static pressure

E.S.P	cfm	L/s
@ 0.1" (25 Pa)	450	(212)
@ 0.2" (50 Pa)	426	(201)
@ 0.3" (75 Pa)	400	(189)
@ 0.4" (100 Pa)	371	(175)
@ 0.5" (125 Pa)	337	(159)
@ 0.6" (150 Pa)	304	(143)
@ 0.7" (175 Pa)	269	(127)
@ 0.8" (200 Pa)	158	(75)
@ 0.9" (225 Pa)	107	(50)

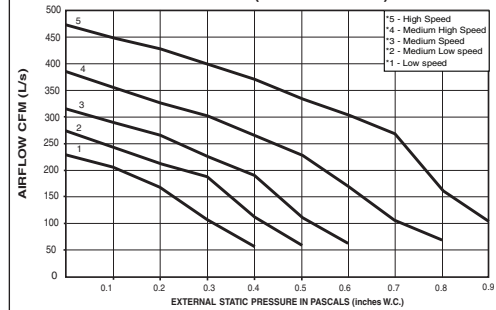
VAC @ 60HZ 120

WATTS / Low speed 187

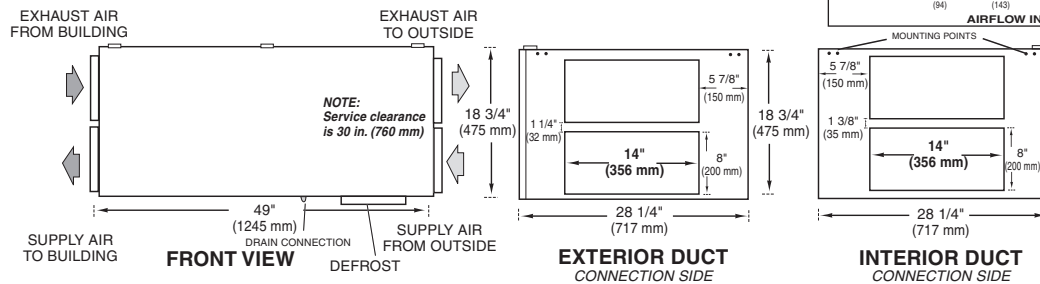
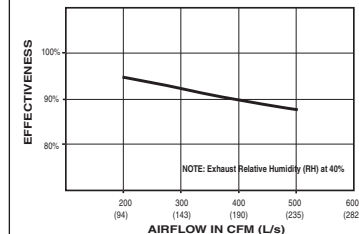
WATTS / High speed 610

Amp rating 2.9

AIRFLOWS (Each Air Stream)



TEMPERATURE EFFECTIVENESS



All units conform to CSA and UL standards.

NOTE: All specifications are subject to change without notice.

Date: _____ Contractor: _____

Tag: _____ Qty: _____ Supplier: _____

Project: _____ Quote#: _____

Engineer: _____ Submitted by: _____



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