

ENGINEERING DATA

TOTAL RECOVERY CORE

The cross-flow energy recovery core transfers heat and water vapor between the two airstreams. It is easily removed for cleaning or service.

MOTORS AND BLOWERS

Each airstream has an independent motorized impeller with multiple fan speed operation.

FILTERS

Washable pre filters in exhaust and supply airstreams. Optional MERV 8 filter available.

MOUNTING THE ERV

Hanging straps supplied with the unit.

FROST PREVENTION

Temperature sensor activated, periodically shuts down supply motor. Drains not required.

CASE

20 gauge prepainted galvanized steel for superior corrosion resistance, insulated to prevent exterior condensation.

INSTALLER SELECTABLE HIGH SPEED SETTINGS

The highest speed, "H3" is the factory setting. Installers may select a lower high speed on set up. See table for airflows H1, H2, and H3.

ELECTRONICS

The main control can be wall mounted in a central location. 3 wire 20 gauge (min.) 100 ft length (max.).

CONTROL (Recommended)

99-BC01 Lifestyle Ventilation Control

(INCLUDED with unit unless otherwise specified)

- 2 speed fan setting (low/high) ON/OFF
- Adjustable dehumidistat function at outdoor temperatures below 59F
- Built-in relay for interlocking the unit to the furnace/AC blower
- 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.

OPTIONAL ACCESSORIES

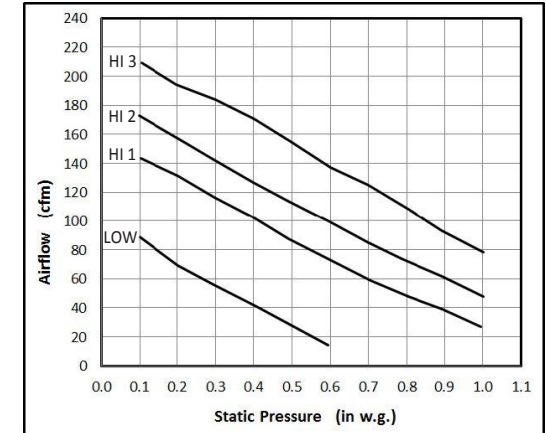
99-163 Duct heater w/Electronic SCR Thermostat - 1 kW, 6 in (152 mm)

99-186 Weatherhoods - Two 6 in (152 mm)

99-MERV8-6 MERV 8 Filters - 6 Pack of MERV 8 filters

WEIGHT 75 lbs (34 kg) **SHIPPING WEIGHT** 77 lbs (35 kg)

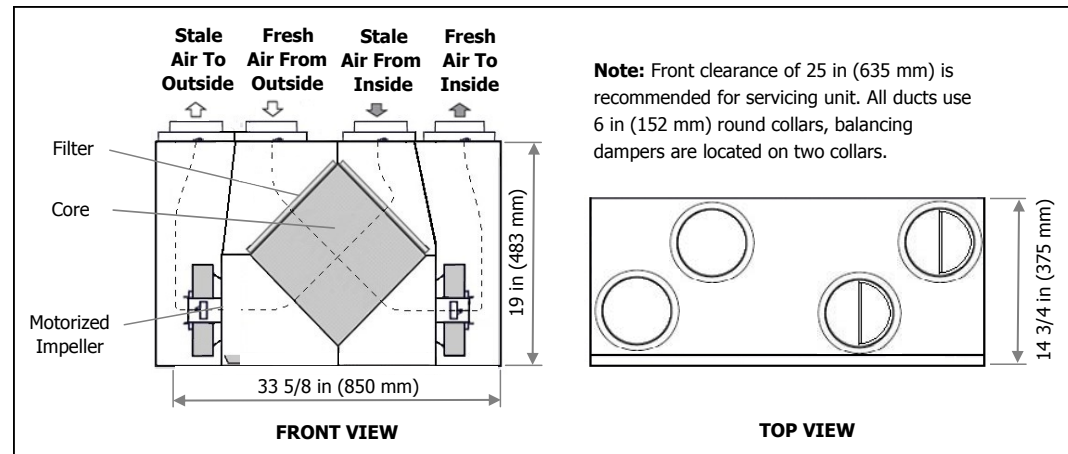
Performance (HVI certified)		
Net supply airflow in cfm (L/s) against external static pressure		
External Static Pressure	Airflow	
@ 0.1 in (25 Pa)	209 cfm (99 L/s)	
@ 0.2 in (50 Pa)	194 cfm (92 L/s)	
@ 0.3 in (75 Pa)	184 cfm (87 L/s)	
@ 0.4 in (100 Pa)	170 cfm (80 L/s)	
@ 0.5 in (125 Pa)	154 cfm (73 L/s)	
@ 0.6 in (150 Pa)	137 cfm (65 L/s)	
@ 0.7 in (175 Pa)	125 cfm (59 L/s)	
@ 0.8 in (200 Pa)	108 cfm (51 L/s)	
@ 0.9 in (225 Pa)	93 cfm (44 L/s)	
@ 1.0 in (250 Pa)	78 cfm (37 L/s)	
Max. Temperature Recovery	87%	
Sensible Effectiveness	@ 64 cfm (30 L/s) 32°F (0°C) 87%	
Total Efficiency	@ 64 cfm (30 L/s) 95°F (35°C) 53%	
VAC @ 60Hz	120	
Watts / Low speed	64	
Watts / High speed	96	
Amp rating	1.4	



Total Efficiency: Moisture and Thermal @95F
Effectiveness: Based on temperature differential between the 2 airstreams



DIMENSIONS 230ERV



WARRANTY

Units carry a 10 year warranty on the ERV core and a 5 year replacement parts warranty.

All units conform to CSA and UL standards

NOTE: All specifications are subject to change without notice.

Date: _____

Tag: _____ Qty: _____

Project: _____

Engineer: _____

Contractor: _____

Supplier: _____

Quote #: _____

Submitted By: _____