

## ENGINEERING DATA

### TOTAL RECOVERY CORE

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

### MOTORS AND BLOWERS

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

### FILTERS

Washable pre-filters in exhaust and supply air streams.

### MOUNTING THE ERV

Adjustable height "L" brackets supplied.

### FROST PREVENTION

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

### CASE

20 gauge pre-painted galvanized steel for superior corrosion resistance, insulated to prevent exterior condensation

### ELECTRONICS

Unit is supplied with a removable electrical box which can be accessed through the main door of the ERV. The controls can be wall mounted in a central location of the home. 3 wire 20 gauge (min.) 100 ft length (max.).

### OPTIONAL CONTROLS

#### 99-BC01 Lifestyle Ventilation Control

(INCLUDED with unit unless otherwise specified)

- 2 speed fan setting (Low/high) ON/OFF
- Adjustable dehumidistat functions at outdoor temperatures below 59F
- control Built in relay for interfacing to furnace/AC blower
- 3 wire connection

#### 99-DX01 Lifestyle Digital Control

- 2 speed operation on each of the user selectable modes:
  - Continuous Ventilation
  - 20 ON/40 OFF, 20 ON/40
- Adjustable dehumidistat functions at outdoor temperatures below 59F
- 3 wire connection

### OPTIONAL TIMERS

**99-DET01 Lifestyle 20/40/60 Minute Timer** - Initiates high speed ventilation or 20, 40, or 60 minutes, 3 wire connection

**99-20M01 Lifestyle 20 Minute Timer** - Initiates high speed ventilation or 20 minutes, 3 wire connection

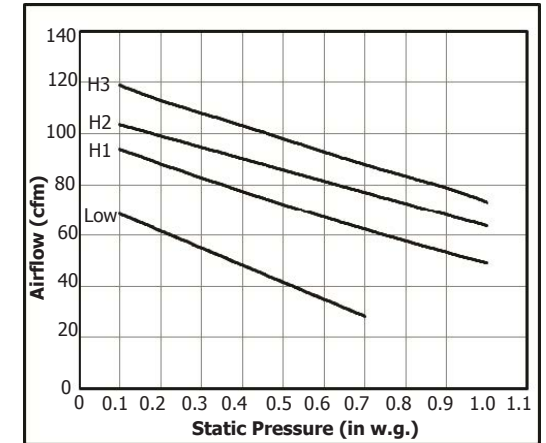
### OPTIONAL ACCESSORIES

**99-190 Dual Hood** - One 6 in (152 mm) opening for supply and exhaust.

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

**WEIGHT** 38 lbs (17.2 kg) **SHIPPING WEIGHT** 41 lbs (18.6 kg)

Performance (HVI certified)		
Net supply airflow in cfm (L/s) against external static pressure		
External Static Pressure	Airflow	
@ 0.1 in (25 Pa)	119 cfm (56 L/s)	
@ 0.2 in (50 Pa)	113 cfm (53 L/s)	
@ 0.3 in (75 Pa)	108 cfm (51 L/s)	
@ 0.4 in (100 Pa)	103 cfm (49 L/s)	
@ 0.5 in (125 Pa)	98 cfm (46 L/s)	
@ 0.6 in (150 Pa)	93 cfm (44 L/s)	
@ 0.7 in (175 Pa)	88 cfm (42 L/s)	
@ 0.8 in (200 Pa)	83 cfm (39 L/s)	
Sensible Effectiveness @ 55 cfm (25 L/s)	32°F (0°C)	74%
Sensible Efficiency @ 55 cfm (25 L/s)	32°F (0°C)	62%
Total Efficiency @ 64 cfm (30 L/s)	95°F (0°C)	35%
VAC @ 60Hz		120
Watts / Low speed		69
Watts/ High speed		147
Amp rating		1.7



Sensible Efficiency: Thermal

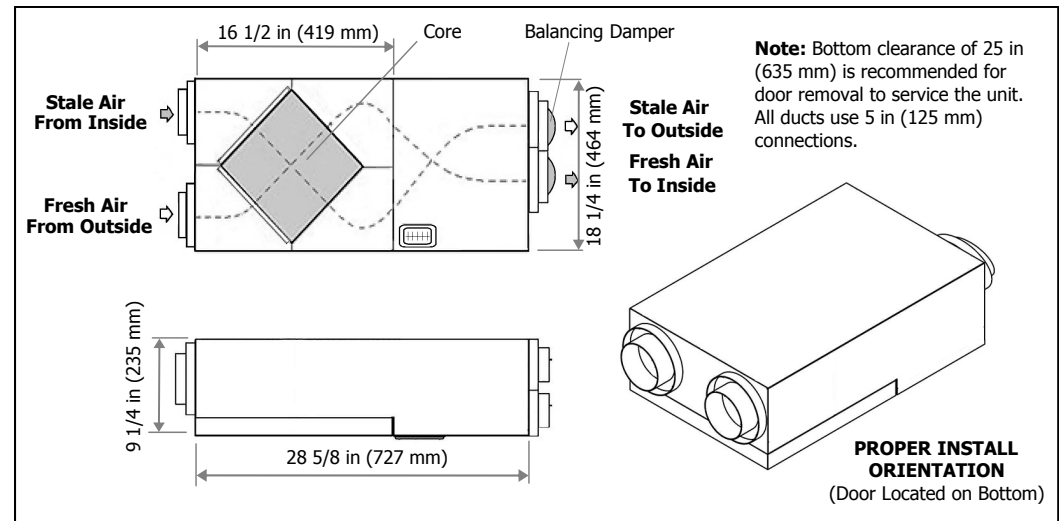
Total Efficiency: Moisture and Thermal @95F

Effectiveness: Based on temperature differential between the 2 airstreams

Efficiency: Takes into account all power inputs and leakage



## DIMENSIONS 120 ERV-RX



## 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: \_\_\_\_\_