

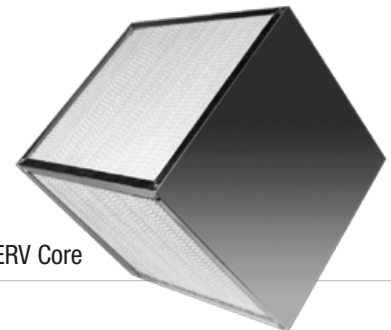


# SUPERIOR PERFORMANCE

## the top choice

- Compact top port design for tight installations
- Total Recovery ERV exchanges both temperature and moisture
- Up to 130cfm installed
- 87% effective @ 32F
- No drain required
- External rotor motors with backward incline impellers for steep fan curves
- Built-In automatic frost protection for colder climates
- 130 ERVR model designed to work with ductless systems (mini-split)
  - Includes DX control
- 130 ERV best performance/price
  - Includes BC Control

The compact design of the 130 ERV models combined with superior performance, makes Lifebreath the top choice. Three units in one by the way of the high-speed select feature allows for maximum control of airflow and comfort.



Total Recovery ERV Core

Setting a new standard for energy efficient,  
clean air homes and businesses.

## 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-cut filters in exhaust and supply airstreams.

### 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 FOR 130 ERV (Recommended)

#### 99-BC01 LIFESTYLE VENTILATION CONTROL

- 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

### CONTROL FOR 130 ERVR (Recommended)

#### 99-DX01 LIFESTYLE DIGITAL CONTROL

- 2 speed operation on each of the 4 user selectable modes:
  - Continuous Ventilation
  - 20 ON/40 OFF
  - 20 ON/40 Recirculation
  - Continuous Recirculation
- Adjustable dehumidistat functions at outdoor temperatures below 59F
- 3 wire connection

**WEIGHT:** 51 lbs (23 kg) **SHIPPING WEIGHT:** 54 lbs (25 kg)

**DIMENSIONS:** inches (mm)

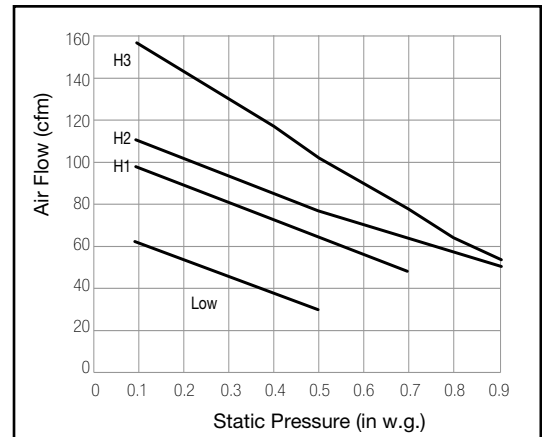
Performance (HVI certified) Net supply airflow in cfm (L/s) against external static pressure		
E.S.P. (External Static Pressure)	Airflow [CFM (L/s)]	
@ 0.1" (25 Pa)	153 (72)	
@ 0.2" (50 Pa)	140 (66)	
@ 0.3" (75 Pa)	127 (60)	
@ 0.4" (100 Pa)	115 (54)	
@ 0.5" (125 Pa)	102 (48)	
@ 0.6" (150 Pa)	90 (42)	
@ 0.7" (175 Pa)	77 (36)	
@ 0.8" (200 Pa)	64 (30)	
@ 0.9" (225 Pa)	50 (24)	
Max. Temperature Recovery	87%	
Sensible Effectiveness		
@ 64 cfm (30L/s) 32°F (0°C)	87%	
Sensible Efficiency		
@ 64 cfm (30L/s) 32°F (0°C)	75%	
Total Efficiency		
@ 64 cfm (30L/s) 95°F (35°C)	53%	
VAC @ 60HZ	120	
WATTS / Low speed	76	
WATTS / High speed	132	
Amp rating	1.4	

Sensible Efficiency: Thermal

Total Efficiency: Moisture and Thermal @95F

Effectiveness: Based on temperature differential between the 2 airstreams

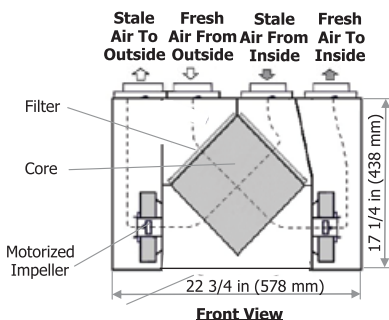
Efficiency: Takes into account all power inputs



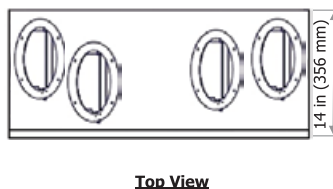
## WARRANTY

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:** Front clearance of 25 in (635 mm) is recommended for servicing unit. All ducts use 5 in (125 mm) oval collars, balancing dampers are located on all collars.



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