



SUPERIOR PERFORMANCE.....The top choice

The compact design of the 130 ERVD model 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.

- HVI certified for cold weather
- Recirculation mode maintains neutral/balanced pressure in all modes
- Automatic frost prevention and drains included
- High speed select for 3 units in 1
- Compact top port design with built-in balancing dampers
- Optional controls and timers available
- Intelligent Defrost Damper Motor—**Exclusive to Lifebreath**
- **Energy Star qualified**

ENGINEERING DATA

Total Recovery Core

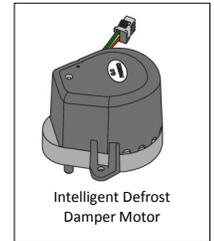
Cross-flow energy recovery core transfers heat and water vapor between two airstreams. Easily removed for cleaning or service.

Motors and Blowers

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

Intelligent Defrost Damper Motor

- Smart damper motor with integrated circuit board
- Energy efficient DC motor
- Power saving standby mode when not cycling
- Integrated ice breaker technology
- Temperature compensated torque for reliable operation in any application
- Auto-sensed memory storage of opened and closed positions
- Soft sealing for extended part life



Filters

Washable pre-filters in exhaust and supply airstreams. **** Exclusive to Lifebreath ****

Mounting the ERV

Adjustable hanging straps supplied with unit.

Frost Prevention

Temperature sensor activated, recirculating damper defrost. Drains required.

Case

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

Installer Selectable High Speed Settings

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

Electronics

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

LIFEBREATH CONTROL OPTIONS

FEATURES	99-DXPL02	99-BC02	99-BC03	99-BC04
5 speed fan operation on each mode	✓			
2 speed fan operation (Low/High)		✓		✓
Continuous low speed fan operation			✓	
Humidity control through adjustable Dehumidistat	✓	✓	✓	
Large digital LCD screen	✓			
LED status indicator lights		✓	✓	✓
Continuous Ventilation	✓		✓	
Continuous Recirculation	✓		✓	
20 ON/40 OFF	✓			
10 ON/50 OFF	✓			
20 ON/40 Recirculation	✓		✓	✓
20/40/60 min. High speed override button	✓			
Compatible with 99-DET02 Wireless Timer	✓	✓	✓	✓
3 wire connection	✓	✓	✓	✓

Accessory Options

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

Tested by: National Research Council

Program: Building Regulations for Market Access

Report Number: A1-007793, Report Date: 15 February 2016

Found to comply with requirement as set in the NBC

Manufacturer reserves the right to change specifications without notice.

TIMER OPTIONS

99-DET01

Lifebreath 20/40/60 Minute Timer

Initiates high speed Ventilation for 20,40 or 60 minutes. 3 wire connection.

99-DET02

Wireless Lifebreath 20/40/60 Minute Timer

Initiates high speed Ventilation for 20,40 or 60 minutes. Wirelessly connects to main control for ease of installation. 40' approximate range.

**** Exclusive to Lifebreath ****

99-RX02

Wireless Lifebreath Repeater

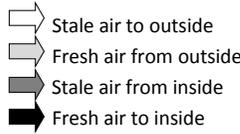
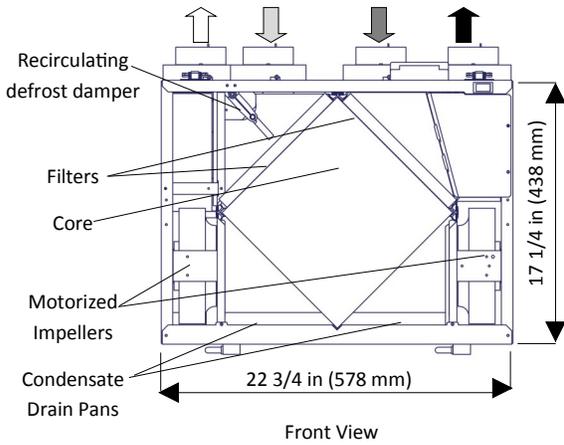
Extends range of 99-DET02 Wireless Timers. Plugs into 120V power outlet. Wirelessly connects to main control and 99-DET02. Install at halfway point between timer and main wall control if timer is out of range.

Accessory Options

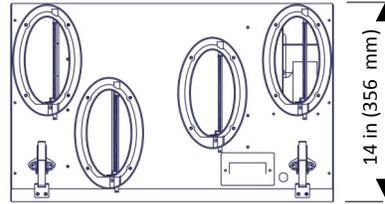
99-163 Duct Heater w/ Electronic SCR Thermostat—1 kW, 6 in (152 mm).

99-185 Weatherhoods—Two 5 in (127 mm).

Dimensions



Weight: 51 lbs (23 kg) Shipping Weight: 54 lbs (25 kg)

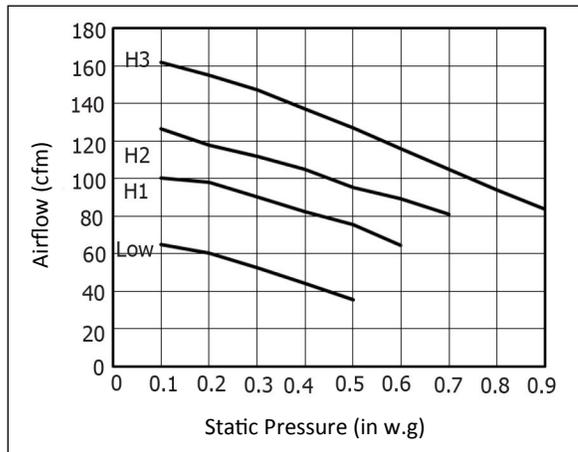


Note: Front clearance of 25 in (635 mm) is recommended for servicing unit. All ducts use 5 in (125 mm) oval collars, balancing dampers are located on all collars.

Performance (HVI Certified)

In. wg. (Pa)	0.1 (25)	0.2 (50)	0.3 (75)	0.4 (100)	0.5 (125)	0.6 (150)	0.7 (175)	0.8 (200)	0.9 (225)
	cfm (L/s)								
Net Supply Airflow	162 (76)	155 (73)	147 (69)	137 (65)	127 (60)	116 (55)	105 (49)	94 (44)	84 (39)
Gross Supply Airflow	164 (77)	157 (74)	148 (70)	139 (66)	128 (61)	117 (55)	106 (50)	95 (45)	85 (40)
Gross Exhaust Airflow	150 (71)	140 (66)	131 (62)	122 (58)	114 (54)	105 (50)	97 (46)	88 (42)	80 (38)

Electrical Specifications:	
VAC @ 60Hz	120
Watts / Low Speed	66
Watts / High Speed	102
Amp Rating	1.7



Sensible Effectiveness (ASE) @ 64 cfm (30 L/s)	32°F (0°C)	86%
Sensible Efficiency (SRE) @ 48 cfm (23 L/s)	32°F (0°C)	75%
Sensible Efficiency (SRE) @ 64 cfm (30 L/s)	32°F (0°C)	75%
Sensible Efficiency (SRE) @ 65 cfm (31 L/s)	-13°F (-25°C)	60%
Total Efficiency (TRE) @ 65 cfm (31 L/s)	95°F (35°C)	48%

Sensible Efficiency: Thermal
Total Efficiency: Moisture and Thermal @ 95°F (35°C)
Effectiveness: Based on temperature differential between the 2 airstreams
Efficiency: Takes into account all power inputs and leakage

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

Date: _____ Contractor: _____

Tag: _____ Qty: _____ Supplier: _____

Project: _____ Quote#: _____

Engineer: _____ Submitted By: _____

Control: _____ Timer: _____ Timer Qty: _____



All units conform to CSA and UL standards



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