

180 ERVD-FID  
178 CFM @ 0.3 (75) IN. W.G. (PA)

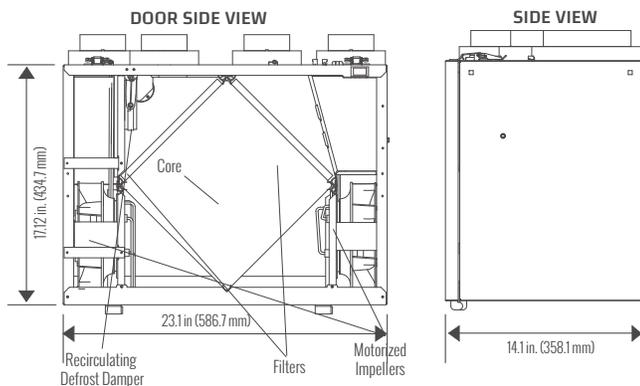


**SUPERIOR PERFORMANCE**  
**TOP CHOICE ERV**

- AUTO BALANCING
- DXPL03 Digital Wall Control included, for easy programmability.
- Enthalpy energy exchange core
- Smart damper with integrated circuit board
- High Efficiency EC motors
- Energy Star Certified
- -25°C HVI Cold Weather Certified
- Energy Star: This product earned the ENERGY STAR® by meeting strict energy efficiency guidelines set by Natural Resources Canada and the US EPA. It meets ENERGY STAR® requirements only when used in Canada.

NOTE: Front clearance of 25 in. (635 mm) is recommended for servicing unit.  
All ducts use 5 in. (125 mm) round collars.  
Balancing dampers are located on all collars.  
All units conform to CSA and UL standards.

**DIMENSIONS**



**FEATURES**

**AUTO BALANCE**

DXPL03 control allows airflow to be selected for both supply and exhaust air streams. Live air pressure measurements enable automatic and continuous adjustment of fan speeds to ensure constant user selected airflow.

**FAULT INDICATION DISPLAY (FID)**

Title 24 Compliant. A FID enabled HRV or ERV is capable of displaying error codes for certain types of faults which impact operation of the system.

**TOTAL RECOVERY CORE**

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

**MOTORS AND BLOWERS**

High Efficiency EC motors. Each airstream has an independent motorized impeller with multiple fan speed operation.

**MERV 6 FILTERS**

Washable air filters in exhaust and supply airstreams.  
**MERV 13 Upgrade: 65-192-6R.**

**MOUNTING**

Adjustable hanging straps supplied.

**DEFROST**

Recirculating damper defrost system.

**CASE**

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

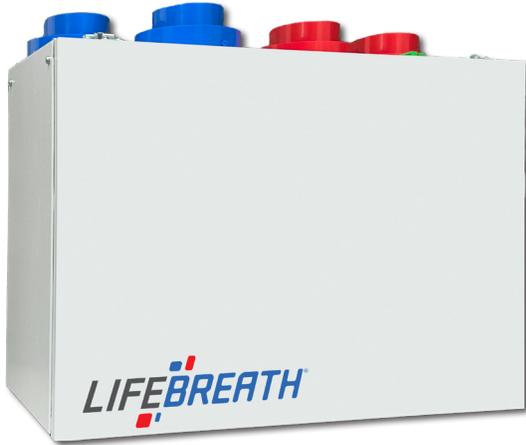
**ELECTRONICS**

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

**Airflow:**

- ➡ Stale Air to Outside
- ⬅ Fresh Air from Outside
- ↔ Stale Air from Inside
- ➡ Fresh Air to Inside

**Weight: 53 lbs (24 KG) • Shipping Weight: 56 lbs (25 KG)**



**SPECIFICATIONS**

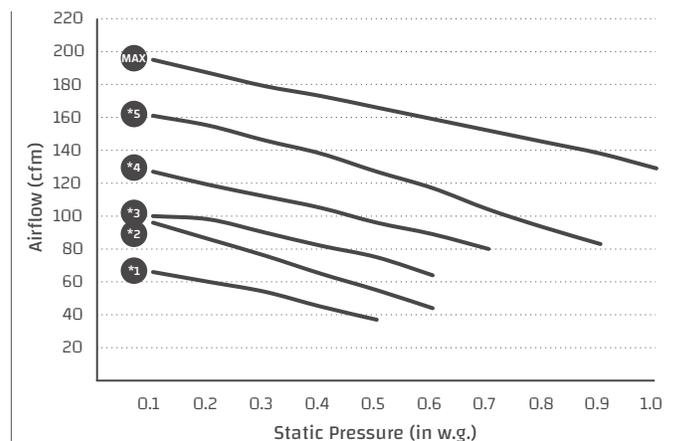
<b>MODEL:</b>	<b>180 ERVD-FID</b>
<b>VOLTAGE:</b>	120 V
<b>FREQUENCY:</b>	60 Hz
<b>WATTS @ 67 CFM (32 L/S):</b>	26 W
<b>CURRENT:</b>	1.86 A
<b>AIRFLOW @ 0.3:</b>	178 CFM
<b>WEIGHT:</b>	53 lbs / 24 kg
<b>DRAIN:</b>	Optional
<b>MCA:</b>	3.0 A
<b>MOP:</b>	15 A
<b>WARRANTY:</b>	Units carry a 5 year warranty on the ERV core and a 5 year replacement parts warranty.



**PERFORMANCE**

IN. W.G. (PA)	0.2 (50) CFM (L/s)	0.3 (75) CFM (L/s)	0.4 (100) CFM (L/s)	0.5 (125) CFM (L/s)	0.6 (150) CFM (L/s)	0.7 (175) CFM (L/s)	0.8 (200) CFM (L/s)	0.9 (225) CFM (L/s)
<b>Net Supply Airflow</b>	186 (88)	178 (84)	172 (81)	165 (78)	159 (75)	153 (72)	144 (68)	136 (64)
<b>Gross Supply Airflow</b>	191 (90)	182 (86)	176 (83)	170 (80)	161 (76)	155 (73)	148 (70)	140 (66)
<b>Gross Exhaust Airflow</b>	182 (86)	174 (82)	165 (78)	159 (75)	153 (72)	146 (69)	140 (66)	133 (63)

<b>Sensible Effectiveness (ASE)* @ 68 CFM (32 L/s)</b>	32°F (0°C)	83%
<b>Sensible Efficiency (SRE) @ 68 CFM (32 L/s)</b>	32°F (0°C)	77%
<b>Sensible Efficiency (SRE) @ 114 CFM (54 L/s)</b>	32°F (0°C)	71%
<b>Sensible Efficiency (SRE) @ 66 CFM (31 L/s)</b>	-13°F (-25°C)	60%
<b>Total Efficiency (TRE) @ 66 CFM (31 L/s)</b>	95°F (35°C)	50%



\* Not an HVI Certified Data Point