

**Airiva™**

Heat Recovery Ventilator

RESIDENTIAL PRODUCTS  
RESIDENTIAL APPLICATIONS

COMMERCIAL PRODUCTS  
COMMERCIAL APPLICATIONS

HYDROPONIC PRODUCTS  
HYDROPONIC APPLICATIONS

**AIRIVA™ HEAT RECOVERY VENTILATOR**



- Two models available (HE100) 120 CFM and (HE150) 150 CFM
- Two-speed, UL® Listed, balanced fans.
- Class B, Thermally Protected motors.
- Corrosion-proof Polypropylene core. Flame rating UL 94HB
- Automatic electronic, UL Listed, frost protection.
- User adjustable.
- Condensate drain fitting for 3/8" hose (hose not included.)
- Washable 12" x 12" air filter.
- Safety interlock switch.
- Plug into a grounded 110-120 Volt AC outlet. Power may be supplied to the Airiva using a humidistat, pollution detector, radon detector or timer. These devices are not included.
- Lifetime warranty on the core.
- 3 year limited warranty on unit.
- Installation hardware not included.



AIRIVA INSTALLATION INSTRUCTIONS  
AIRIVA FAQ'S  
WHAT'S IN THE AIR?  
AIRIVA SPEC DRAWINGS

The Airiva Heat Recovery Ventilator delivers fresh air while exhausting air laden with toxic fumes, odors or radon from homes. The Airiva uses indoor air being vented outside to preheat or pre-cool fresh outside air, over 80% (HE100) and over 70% (HE150) efficient.

The following table gives the number of air exchanges per day at airflows in cubic feet per minute (CFM) for various size homes.

AIRFLOW	SQUARE FEET OF THE HOME					
	1500	2000	2500	3000	3500	4000
<b>150 CFM</b>	20.0	15.0	12.0	10.0	8.6	7.5
<b>140 CFM</b>	18.6	14.0	11.2	9.3	8.0	7.0
<b>130 CFM</b>	17.3	13.0	10.4	8.6	7.4	6.5
<b>* 120 CFM</b>	15.8	12.0	9.6	7.9	6.8	6.0
<b>110 CFM</b>	14.6	11.0	8.8	7.3	6.3	5.5
<b>* 100 CFM</b>	13.3	10.0	8.0	6.6	5.7	5.0
<b>90 CFM</b>	12.0	9.0	7.2	6.0	5.1	4.5
<b>80 CFM</b>	10.6	8.0	6.4	5.3	4.6	4.0
<b>70 CFM</b>	9.3	7.0	5.6	4.7	4.0	3.5

**USES ONLY 100 WATTS!**

Performance:		HE100	HE150
<b>Unit Dimensions:</b>		31" x 19.5" x 14"	31" x 19.5" x 14"
<b>Unit Weight:</b>		68 Lbs.	65 Lbs.
<b>120 Volt AC 60 Hz:</b>	Startup Amps	1.7A	1.7A
	Running draw	100 Watt	100 Watt
<b>Airflow Capacity (nominal):</b>	High speed	120 CFM	150 CFM
	<b>Typical installation</b>	<b>100 CFM *</b>	<b>120 CFM *</b>
	Low speed	70 CFM	90 CFM
<b>Heat recovery efficiency:</b>	High speed	73.5%	63.5%
	<b>Typical installation</b>	<b>82.2%</b>	<b>72.5%</b>
	Low speed	86.0%	79.1%
<b>Heat exchanger core:</b>		91 Square feet	72 Square feet
		6370 Channels	5040 Channels
<b>Pressure drop over core:</b>		0.05" W.C.	0.04" W.C.
<b>Internal balance within:</b>		0.01" W.C.	0.01" W.C.
<b>Temperature stabilization:</b>		< 5 Minutes	< 5 Minutes

\* Typical installation with 25 feet of 6 inch diameter metal duct and 4 - 90° elbows for each of the stale and fresh air paths



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