

Energy Recovery Ventilator
A NEW ERA IN COMFORT

SERV110/130



Built Better To Last Longer



What is the difference between an HRV and an ERV ?

An ERV is designed to provide fresh air into a building while exhausting an equal amount of stale air. An ERV is designed for use in warm humid areas with heavy air conditioning use. The ERV will transfer both sensible and latent heat from the incoming fresh air to the outgoing stale air, thereby reducing the load (due to ventilation) on the air conditioning system. ERV's are not suitable for climates where the temperature drops below -4°C (25°F) and are better suited for use in warmer climates.

The HRV has the ability to reduce excess moisture during cold / dry outdoor conditions only. The dehumidistat should be adjusted to the OFF setting for all seasons except for winter. As a guide, if moisture is developing on the windows, the HRV has the ability to reduce the moisture level in the home. For all other times, the dehumidistat should be OFF. The HRV is designed to provide fresh air into the building while exhausting an equal amount of stale air. During the winter months, the incoming cold fresh air is warmed by utilizing the heat recovered from the stale air before it is exhausted to the outdoors. During the summer months when the indoor space is air conditioned, the HRV will help in cooling the incoming fresh air with the stale air that is being exhausted.

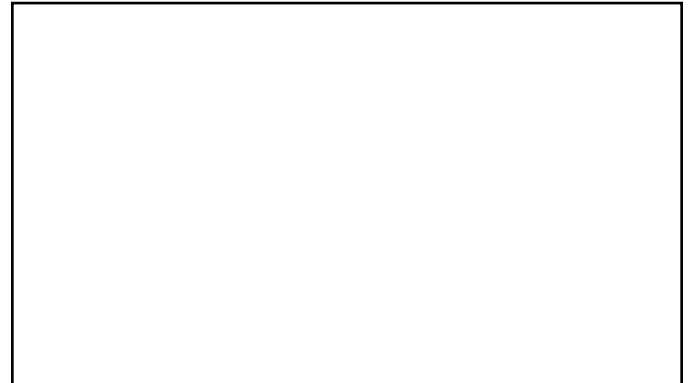
- Whisper quiet operation
- Exhausts harmful indoor pollutants
- During summer months helps to control humidity in the home by transferring some of the water vapour in the incoming fresh air to the dryer air that is being exhausted from the home
- Full range of optional remote controls
- Top hinged for easier service



Warranty:

Five year warranty on core, and a full five year warranty on all parts including electrical components. All models CSA approved.

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Specifications		
Description	SERV 110	SERV 130
Length	24 1/8"	29"
Width	14 1/4"	16 1/4"
Height	20"	20 3/4"
VAC @ 60 Hz	120	120
Amps	1.2	2
Shipping Weight	58 lb.	64 lb.
Airflow	C.F.M. Against External Static Pressure (each air stream)	
.7" (175 Pa)	82 (39 L/s)	51 (24 L/s)
.6" (150 Pa)	91 (43 L/s)	116 (54 L/s)
.5" (125 Pa)	104 (49 L/s)	132 (62 L/s)
.4" (100 Pa)	113 (53 L/s)	153 (72 L/s)
.3" (75 Pa)	126 (59 L/s)	166 (78 L/s)
.2" (50 Pa)	135 (63 L/s)	179 (84 L/s)
.1" (25 Pa)	146 (69 L/s)	194 (91 L/s)
Built in Dehumidistat	Yes	Yes



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