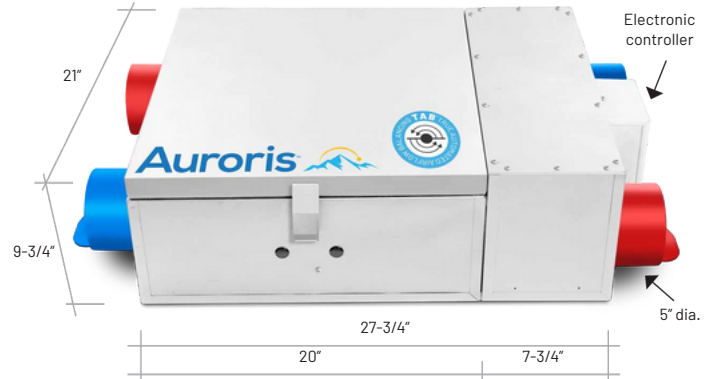


## Features

- **Automatic Airflow Balancing**
- **Highly Energy Efficient, permanently lubricated, ECM Motors**
- **Tilted core design for maximum efficiency**
- **Constructed using UL certified sound insulation. The Quietest in its class.**
- **Military Grade Specification: constructed using heavy gauge steel, welded joints, individually powder coated**
- **Adjustable Speeds Air flow: 30 - 125 CFM (Normal Operation), Max. 155 CFM**
- Power Ratings: 115V / 1 / 60 Hz, 1.60 Amp., Standby 9 W
- Adjustable 10-Normal (Low Speed) and 10-High Speed Operation
- Fully Automatic Recirculation Defrost (Below -5°C)
- Unique electronic control board with power failure auto-restore
- Dual Failsafe Protection
- Washable Enthalpy core suitable up to -25°C (Drainless Design)
- Furnace / Fan-coil / Heat Pump Interlock
- Horizontal & Vertical Installation
- **Meets All Leed Standards and Building Code Requirements**
- **SMART IAQ™ Enabled**
- **5 Year Limited Warranty**



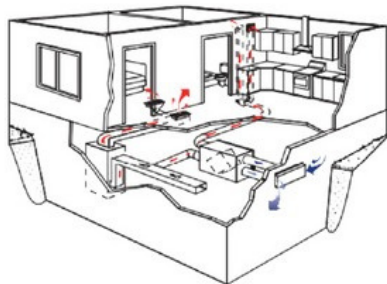
### Accessories (Included):

- Webbing Installation Kit or 4 PS Mounting brackets

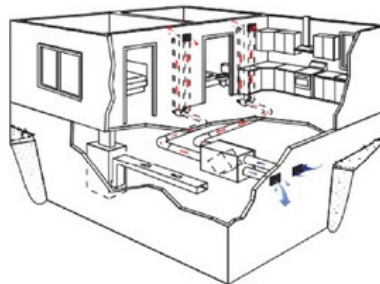
### Optional:

- Intermittent Switch (5VDC)
- Smart IAQ™ Controller
- Timer switches 5VDC (Wall mount)
- MERV-8 & 13 filters
- 2 sets (Webbing/Brackets/Ladder lock)
- Drain plugs ( 2 sets)
- Pipe and "T" connector

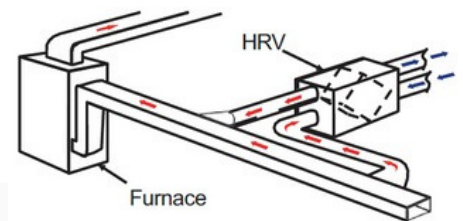
## Residential Installation Options:



Fully Ducted System



Semi Ducted System



Furnace Return Air-duct Connection



### Fully Ducted System



### ERV with Fan Coil System



### Installation options for Indoor Air Quality/Safety

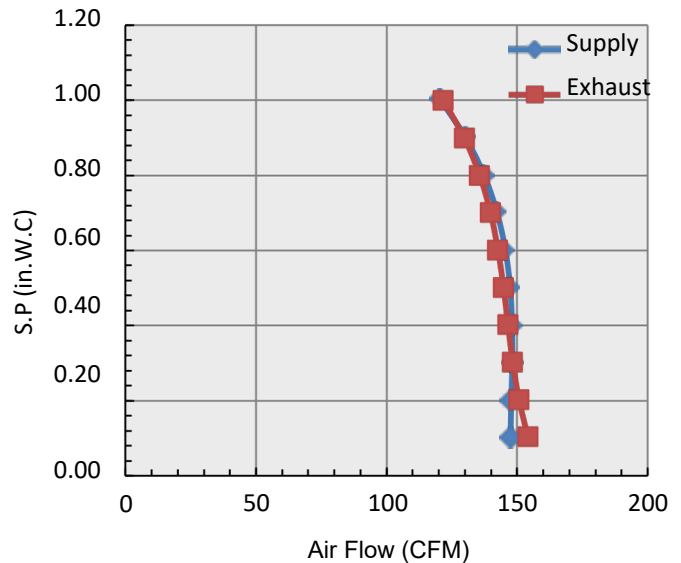


## Ventilation Performance

Exhaust static pressure		Net Supply air flow		Gross Air Flow				Power Watts
Pa	in. W.C	L/s	cfm	Supply		Exhaust		
				L/s	cfm	L/s	cfm	
25	0.1	69	146	69	146	72	153	163
50	0.2	69	146	69	146	71	150	169
75	0.3	69	146	69	146	69	146	173
100	0.4	69	146	69	146	69	146	175
125	0.5	69	146	69	146	68	144	181
150	0.6	68	144	68	144	67	142	181
175	0.7	66	140	67	142	66	140	180
200	0.8	64	136	64	136	64	136	175
225	0.9	61	129	61	129	61	129	163
250	1.0	56	119	57	121	57	121	153
300	1.2	43	91	44	93	46	97	128
350	1.4	24	51	24	51	28	59	82

## SOUND (Not certified by HVI)

30 (L/s) @0.2 (IN. W.G.) S.P.	1.0 Sones (@50Pa)
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## ENERGY PERFORMANCE

PRIMUS EPAXT-150	Supply Temperature		Net Airflow		Supply/ Exhaust Flow Ratio	Average power (Watts)	Sensible Recovery Efficiency	Adjusted Sensible Efficiency	Net Moisture Transfer (%)	
	°C	°F	L/s	scfm						
Heating	I	0	32	34.0	72.0	1.00	38	67.0	70.0	0.57
	II	0	32	45.0	95.0	1.00	58	66.0	70.0	0.54
	III	0	32	60.0	127.0	1.00	100	64.0	69.0	0.51
	IV	-25	-13	33.0	70.0	0.96*	73	57.0	60.0	0.46
Cooling	I	35	95	34.0	72.0	0.99	41	57**		0.59

\* The Supply / Exhaust Flow Ratio at 22°C to the start of the 72 Hour Cold Weather Test.

\*\* Indicates Total Recovery Efficiency not Sensible Recovery Efficiency.

