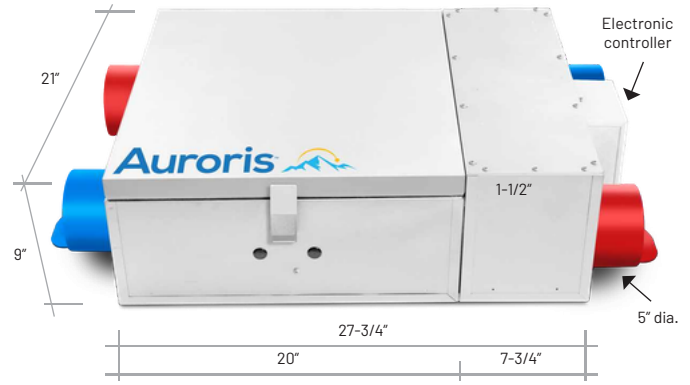


## Features

- 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: 45 - 160 CFM (Normal Operation). Power Ratings: 115V / 1 / 60 Hz, 0.70 Amp., Standby 4 W
- Adjustable 4-Normal (Low Speed) and 4-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
- App. Weight 55 lbs.
- Washable filters (MERV- 4)
- **Meets All Leed Standards and Building Code Requirements**
- **SMART IAQ™ Enabled**
- **5 Year Limited Warranty**



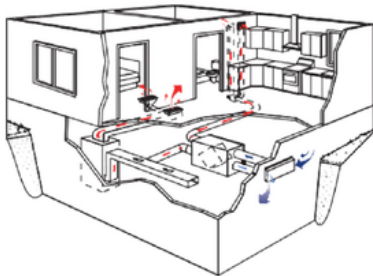
### Accessories (Included):

- Webbing Installation Kit or 4 PS Mounting brackets

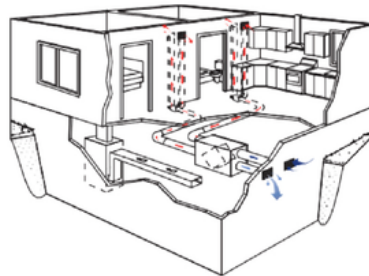
### Optional:

- Intermittent Switch (5V)
- Smart IAQ™ Controller
- Push Button Timer Switch (20/40/60 Min, 5VDC)
- 2 sets (Webbing/Brackets/Ladder lock)
- MERV- 8 & 13 filters (upon request)

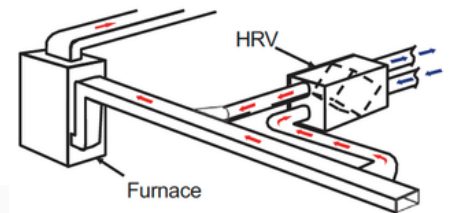
### Residential Installation Options:



Fully Ducted System



Semi Ducted System



Furnace Return Air-duct Connection



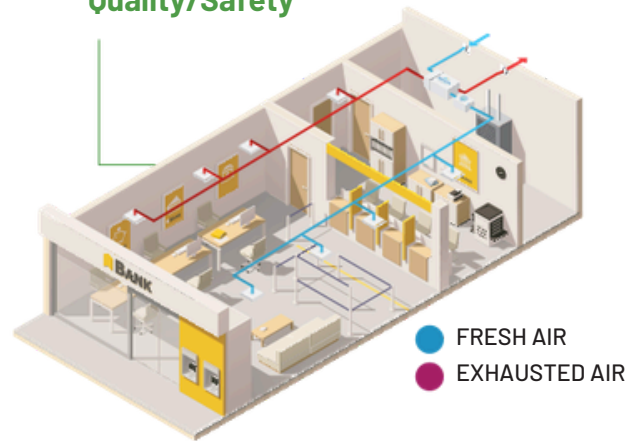
## Fully Ducted System



## ERV with Fan Coil System



## Installation options for Indoor Air Quality/Safety



## Ventilation Performance

Exhaust static pressure		Net Supply airflow		Gross Air Flow				Power*
Pa	in. W.C.	L/s	scfm	Supply		Exhaust		
				L/s	scfm	L/s	scfm	Watts
25	0.1	72.0	154.0	73.0	155.0	79.0	167.0	103.0
50	0.2	69.0	147.0	70.0	148.0	75.0	160.0	103.0
75	0.3	66.0	140.0	66.0	141.0	72.0	153.0	103.0
100	0.4	63.0	133.0	63.0	134.0	69.0	147.0	103.0
125	0.5	59.0	126.0	60.0	127.0	66.0	139.0	103.0
150	0.6	56.0	119.0	57.0	120.0	62.0	132.0	103.0
175	0.7	53.0	112.0	53.0	113.0	58.0	124.0	102.0
200	0.8	49.0	104.0	49.0	105.0	54.0	116.0	100.0
225	0.9	45.0	96.0	45.0	97.0	50.0	107.0	99.0
250	1.0	41.0	87.0	41.0	88.0	46.0	97.0	96.0
300	1.2	32.0	69.0	32.0	69.0	36.0	76.0	91.0
350	1.4	22.0	47.0	22.0	48.0	24.0	52.0	83.0
400	1.6	10.0	23.0	10.0	23.0	11.0	24.0	73.0

NOTE: FAN CURVE PERFORMED AT HIGHEST SPEED

## Sound

30 (L/s) @0.2 (IN. W.G.) S.P.	1.0 Sones (@50Pa)
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\* Sound, Power/Watts are not certified by HVI.

## Energy Performance

EPSAX-150		Supply Temperature		Net Airflow		Average Power (Watts)	Sensible Recovery Efficiency	Adjusted Sensible Efficiency	Net Moisture Transfer
		°C	°F	L/s	SCFM				
Heating	I	0	32	33	71	39	80%	84%	0.71
	II	0	32	38	80.7	44	79%	83%	0.69
	III	0	32	45	96.2	55	78%	82%	0.67
	iv	-25	-13	30	65.3	57	61%	63%	0.32
Cooling	IV	35	95	32	68.7	35	49%**	51%**	0.38

\*\* Indicates total recovery efficiency not sensible recovery efficiency

