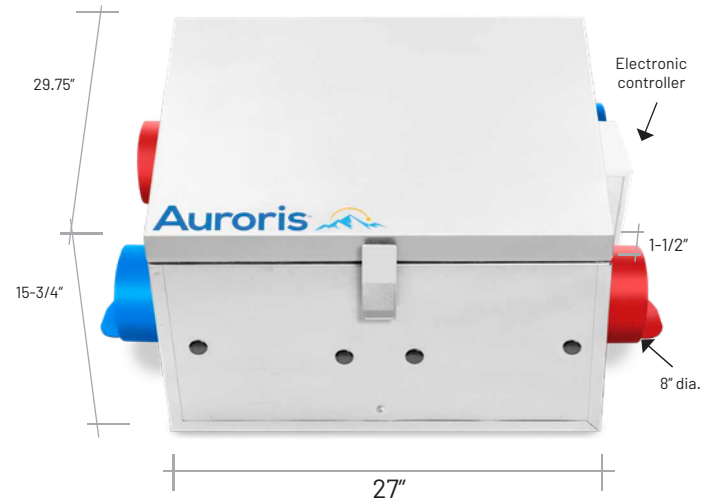


Features

- High Efficiency Permanently Lubricated Variable Speed (PSC) 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**
- **Over all size 29.75" (W) x 27" (D) x 15.75" (H)**
- Power ratings: 115V / 1 / 60 Hz, 5.2 Amp., Standby current is 7W only
- Washable Enthalpy core and MERV-3/4 Filters
- Drainless Design
- Suitable for horizontal & vertical installation
- Automatic fan cycled defrost
- Exhaust up to four washrooms
- Suitable for Corridor
- Two Speed exhaust (High / Low) - up to 500 CFM maximum
- Continuous fresh air supply at Normal speed up to 500 CFM
- Furnace / Fan-coil / Heat Pump Interlock
- Dual Power Failure / Freeze Protection
- Weight approximately 100 lbs.
- **Meets All LEED Standards and Building Code Requirements**
- **SMART IAQ™ Enabled**
- **5 Year Limited Warranty**



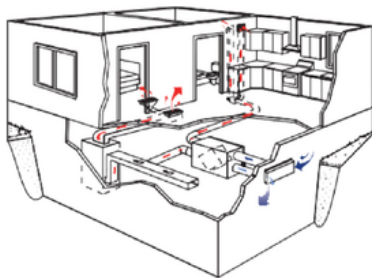
Accessories (Included):

- Webbing Installation Kit or 4 PS Mounting brackets

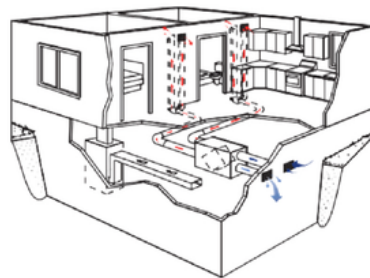
Optional:

- Intermittent Switch, 5VDC (IC100-5V)
- Smart IAQ™ Controller
- Push button timer switch (20/40/60 Min., 5VDC)
- Motorized Damper (120V AC), option 1 & 2 (120V AC)

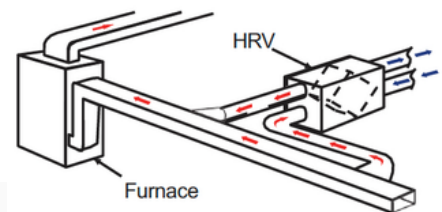
Residential Installation Options:



Fully Ducted System



Semi Ducted System



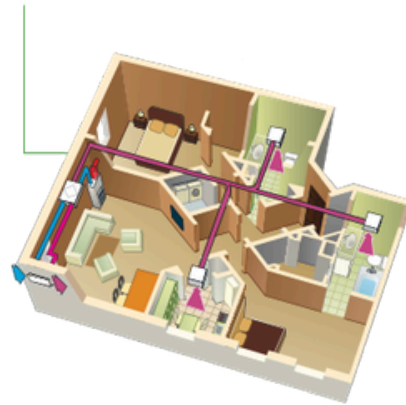
Furnace Return Air-duct Connection



Fully Ducted System



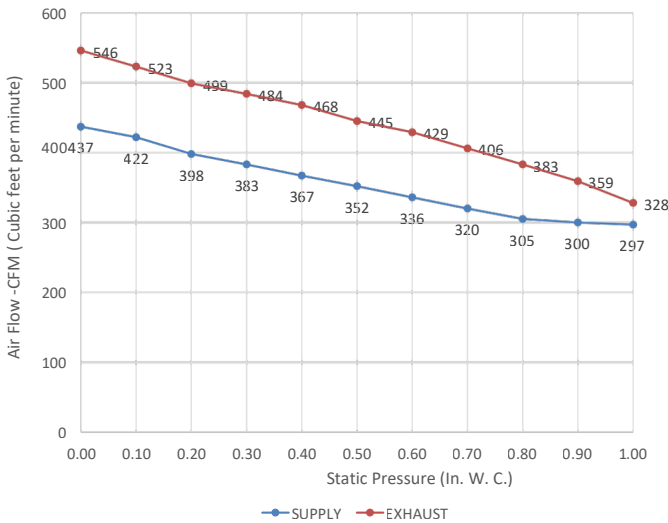
ERV with Fan Coil System



Installation options for Indoor Air Quality/Safety



Air Flow -CFM vs. Static Pressure



VENTILATION PERFORMANCE

Model #	Normal Speed Supply/Exhaust (Constant Ventilation)	High Speed Exhaust (Activated by switch)	Maximum Power Rating (120V / 1 / 60Hz)
ESHO-500	100 ~ 500 CFM variable	100 ~ 500 CFM variable	5.20 Amp.

*Normal and high speed can be adjusted by either installer or factory using speed controllers mounted on the main controller of the unit.

ENERGY PERFORMANCE

ESHO-500		Supply Temperature		Net Airflow		Supply / Exhaust Flow Ratio	Average Power (Watts)	Sensible Recovery Efficiency	Apparent Sensible Effectiveness	Net Moisture Transfer
		°C	°F	L/S	CFM					
Heating	i	0	32	31	65	1.04	78	74	89	58%
	ii	0	32	51	107	1.01	106	73	84	54%
	iii	0	32	69	146	1.05	130	70	82	47%
	iv	0	32	85	180	0.97	156	68	78	45%
	v	0	32	126	268	1.02	198	62	72	41%
	vi	0	32	172	366	1.03	260	55	68	38%
Cooling	vii	35	95	31	65	1.00	78	56**	76	56%
	viii	35	95	50	107	0.97	110	51**	75	47%
	ix	35	95	100	210	0.97	172	45**	72	41%
	x	35	95	172	366	0.98	265	42**	68	37%

SOUND:

30 (L/s) @ 0.2 (IN. W.G.)	2.2 sones
------------------------------	-----------

**Indicate Total Recovery Efficiency not Sensible Recovery Efficiency

