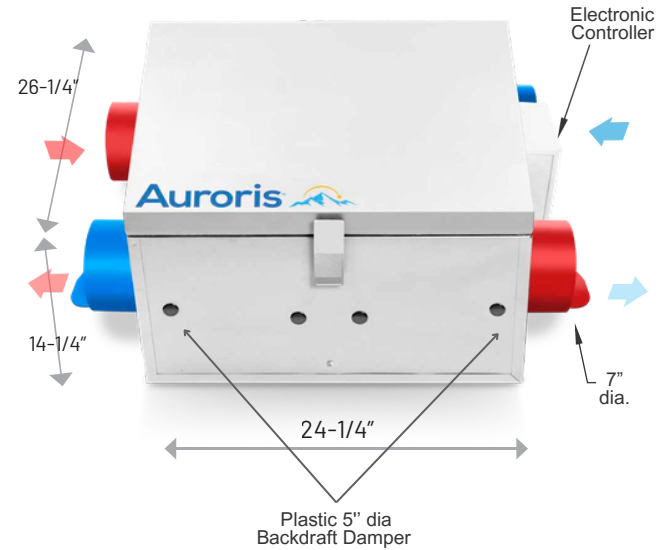


Features

- 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 26.25" (W) x 24.25" (D) x 14.25" (H)
- Power ratings: 115V / 1 / 60 Hz, 3.6 Amp., Standby current is 7W only
- Washable Enthalpy core and MERV - 3/4 Filters
- Automatic fan cycled defrost
- Drainless Design
- Suitable for horizontal & vertical installation
- Exhaust up to four washrooms
- Suitable for Corridor
- Two Speed exhaust (High / Low) - up to 300 CFM maximum
- Continuous fresh air supply at Normal speed up to 300 CFM Furnace
- / Fan-coil / Heat Pump Interlock
- Dual Power Failure / Freeze Protection
- Weight approximately 75 lbs.
- **Meets All LEED Standards and Building Code Requirements**
- **SMART IAQ™ Enabled**
- **5 Year Limited Warranty**



Accessories (Included):

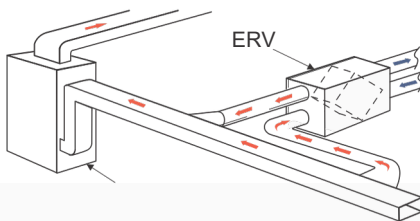
- Webbing Installation Kit or 4 PS Mounting brackets
- Drain Plugs (2 Sets)

Optional:

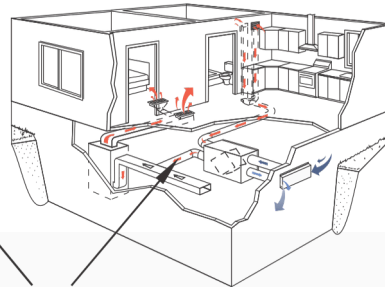
- Intermittent Switch, 5VDC
- Smart IAQ™ Controller
- Push button timer switch (20/40/60 Min., 5VDC)
- Motorized Spring Return Backdraft Damper (option-2)

Residential Installation Options:

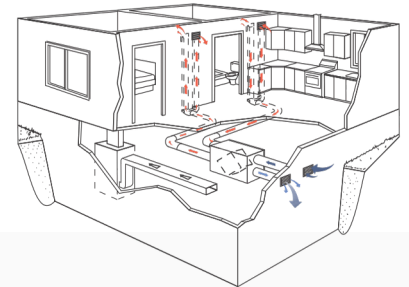
Furnace Return Air-duct Connection



Semi Ducted System



Fully Ducted System



**Motorized spring return damper
(Highly Recommended)**



Fully Ducted System



ERV with Fan Coil System



Installation options for Indoor Air Quality/Safety



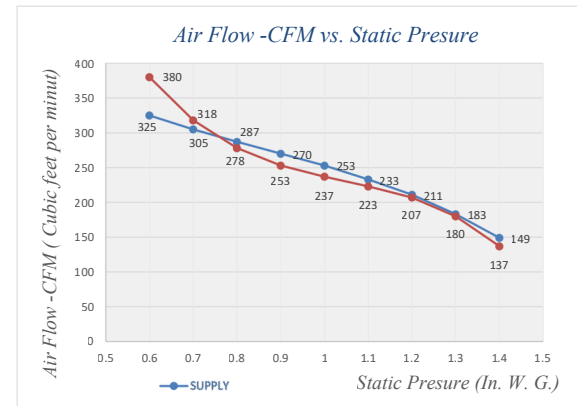
● FRESH AIR
● EXHAUSTED AIR

Sound

30 (L/s) @ 0.2 (IN. W.G.)	2.0 sones
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Ventilation Performance

Model #	Normal Speed Supply/Exhaust (Constant Ventilation)	High Speed Exhaust (Activated by switch)	Maximum Power Rating
ESHO-300	100 ~ 300 CFM variable	100 ~ 300 CFM variable	120V / 1 / 60Hz 3.60 Amp.



Energy Performance

ESHO-300		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	70	81	58%
	ii	0	32	51	107	1.01	106	68	79	54%
	iii	0	32	69	146	1.05	130	66	75	47%
	iv	0	32	85	180	0.97	156	63	71	45%
	v	0	32	106	225	0.99	178	60	68	41%
	vi	0	32	131	278	1.01	220	57	65	38%
Cooling	vii	35	95	31	65	1.00	78	56**	76	56%
	viii	35	95	50	107	0.97	110	51**	75	47%

** Indicate Total Recovery Efficiency not Sensible Recovery Efficiency

