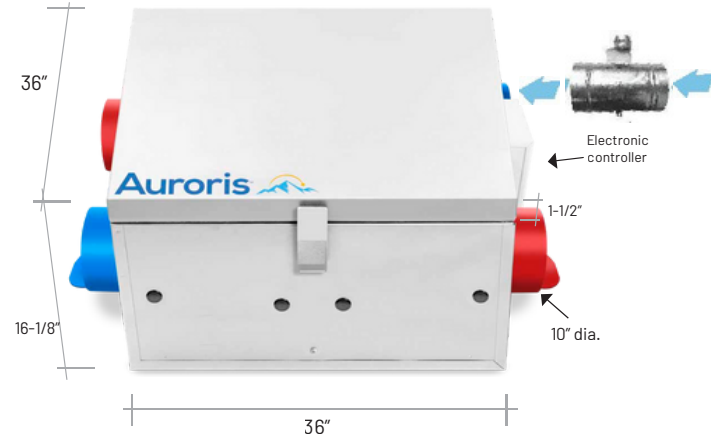


Features

- **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 **36"(W)x36"(D)x16.125"(H)**
- Power ratings: 115V / 1 / 60 Hz, 5.6 Amp., Standby current is 10W only
- Washable Enthalpy core and Filters (MERV-4)
- Drainless Design
- Suitable for horizontal & vertical installation
- Exhaust up to four washrooms
- Suitable for Corridor, gym, common areas, classrooms
- Two Speed exhaust (High / Low) - up to 700 CFM maximum
- Continuous fresh air supply at Normal speed up to 700 CFM
- Furnace / Fan-coil / Heat Pump Interlock
- Dual Power Failure / Freeze Protection
- Weight approximately 150-175 lbs.
- **Meets All LEED Standards and Building Code Requirements**
- **SMART IAQ™ Enabled**
- **5 Year Limited Warranty**



Accessories (Included):

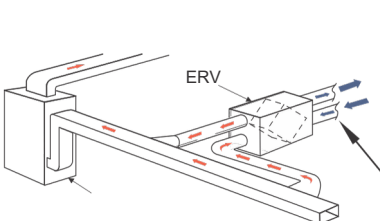
- Webbing Installation Kit or 4 PS Mounting brackets

Optional:

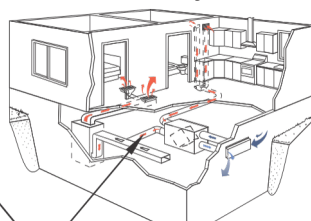
- Intermittent Switch, 5VDC
- Smart IAQ™ Controller
- Push button timer switch (20/40/60 Min., 5VDC)
- Motorized Spring Return Backdraft Damper (option-2)

Residential Installation Options:

Furnace Return Air-duct Connection

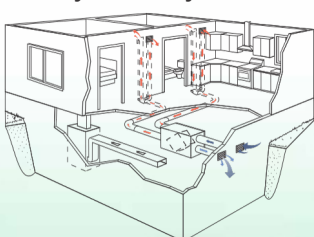


Semi Ducted System



Motorized spring return damper
(Highly Recommended)

Fully Ducted System



Fully Ducted System



ERV with Fan Coil System



Installation options for Indoor Air Quality/Safety



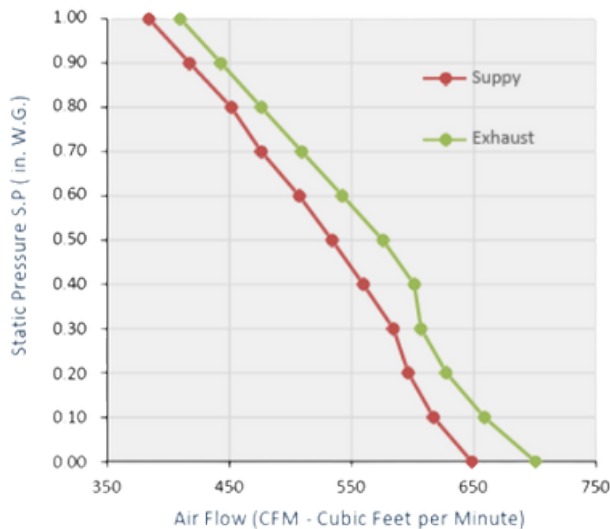
- FRESH AIR
- EXHAUSTED AIR



VENTILATION PERFORMANCE

External Static pressure		Air Flow 1				Air Flow 2			
		Supply 1		Exhaust 1		Supply 2		Exhaust 2	
Pa	in. W.C.	L/s	CFM	L/s	CFM	L/s	CFM	L/s	CFM
0	0	350	742	371	786	315	668	335	710
25	0.1	334	707	355	751	301	637	320	679
50	0.2	321	681	338	717	289	613	306	648
75	0.3	306	648	326	690	276	584	294	624
100	0.4	293	621	314	666	264	560	284	601
125	0.5	280	593	301	637	252	534	272	576
150	0.6	266	563	283	601	239	507	256	542
175	0.7	249	529	266	564	225	476	240	509
200	0.8	237	501	249	527	213	452	225	476
225	0.9	219	463	231	490	197	417	209	443
250	1.0	201	426	214	454	181	384	193	410

FAN DATA



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

MODEL	Maximum Power Rating	Sound at full speed (5ft away)
	120V / 1 / 60Hz	
EHO-700	5.6 Amp.	61 dBA @ 50pa

ENERGY PERFORMANCE

EHO-700		Supply Temperature		Net Airflow		Sensible Effectiveness	Latent Effectiveness
		°C	°F	L/s	CFM		
Heating	I	0	32	118	250	82.7%	71.3%
	II	0	32	189	400	81.3%	70.0%
	III	0	32	236	500	79.1%	68.1%
Cooling	I	35	95	118	250	80.9%	70.3%
	II	35	95	189	400	79.8%	68.5%
	III	35	95	236	500	78.1%	67.3%

