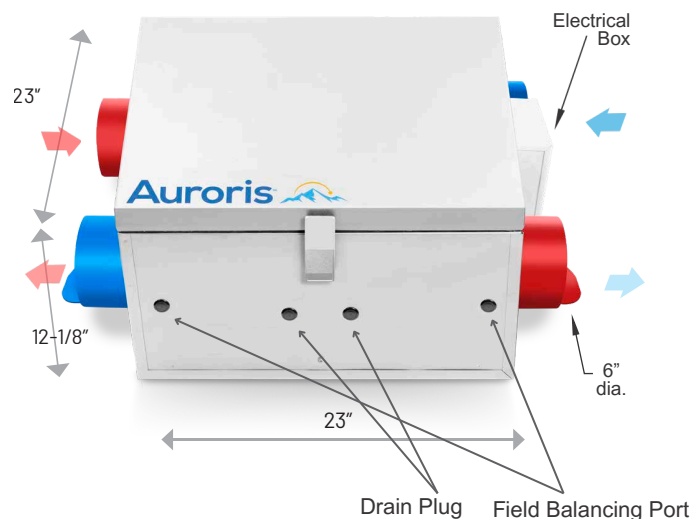


Features

- Over all size 23" (W) x 23" (D) x 12.125" (H)
- Power ratings: 115V / 1 / 60 Hz, 2.5 Amp., Standby current is 7W only
- Washable high efficiency **Polypropylene core** suitable for -25°C
- High efficiency energy saving permanently lubricated variable speed ECM motors for air balancing
- Suitable for horizontal & vertical installation
- Tilted core design for maximum efficiency
- Automatic fan cycled defrost
- Exhaust up to four washrooms
- Suitable for Corridor
- Two Speed exhaust (High / Low) - up to 250 CFM maximum
- Continuous fresh air supply at Normal speed up to 150 CFM
- Furnace / Fan-coil / Heat Pump Interlock
- Dual Protection: If exhaust fan fails, the outside fresh-air supply will be closed by shutting off supply motor and the relay contact for motorized damper and interlock will be opened.
- Fan Coil/Furnace low speed will be stopped and at normal operation no air will enter into the system
- Washable MERV - 3/4 filters
- Weight approximately 52 lbs.
- **Meets All LEED Standards and Building Code Requirements**
- **SMART IAQ™ Enabled**
- **5 Year Limited Warranty**



Accessories (Included):

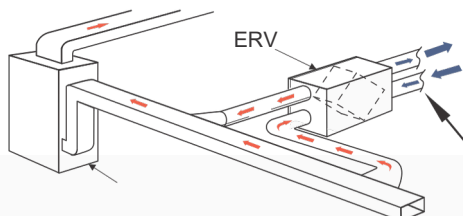
- Webbing Installation Kit or 4 PS Mounting brackets
- Drain Plugs (2 Sets)

Optional:

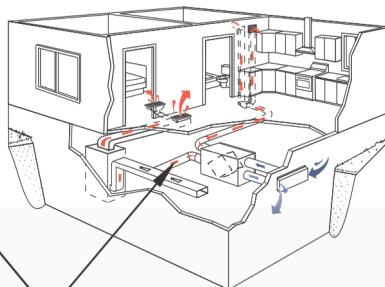
- Intermittent Switch, 5VDC (IC100-5V)
- Smart IAQ™ Controller
- Push button timer switch (20/40/60 Min., 5VDC)
- Motorized Damper (120V AC), option 1 & 2
- 2 sets (Webbing/Brackets/Ladder lock)
- Dehumidistat

Residential Installation Options:

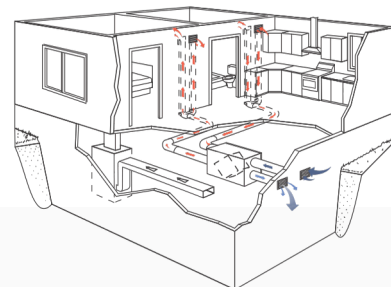
Furnace Return Air-duct Connection



Semi Ducted System



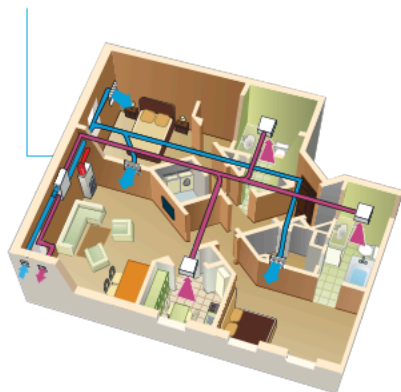
Fully Ducted System



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



Fully Ducted System



HRV with Fan Coil System



Installation options for Indoor Air Quality/Safety



● FRESH AIR
● EXHAUSTED AIR

Ventilation Performance

Model #	Normal Speed Supply/Exhaust (Constant Ventilation)	High Speed Exhaust (Activated by switch)	Maximum Power Rating 120V / 1 / 60Hz
HSHX 200 (HRV)	50 ~ 150 CFM variable	50 ~ 250 CFM variable	2.5 Amp.

SOUND (@ 5ft. away):

30 (L/s) @ 0.2 (IN. W.G.)	1.5 sones (@ 50 Pa)
85 (L/s) @ 0.2 (IN. W.G.)	3.0 sones (@ 50 Pa)

ENERGY PERFORMANCE

ESHX 200 (ERV)		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		0	32	31	65	1.04	75	77	87	1%
	ii	0	32	69	146	1.05	125	73	80	0%
	iii	0	32	85	180	0.97	148	69	78	0%
	iv									
Cooling	vi	35	95	31	65	1.00	75	50**	70	0%
	vii	35	95	50	107	0.97	101	48**	67	0%

** Indicate Total Recovery Efficiency not Sensible Recovery Efficiency