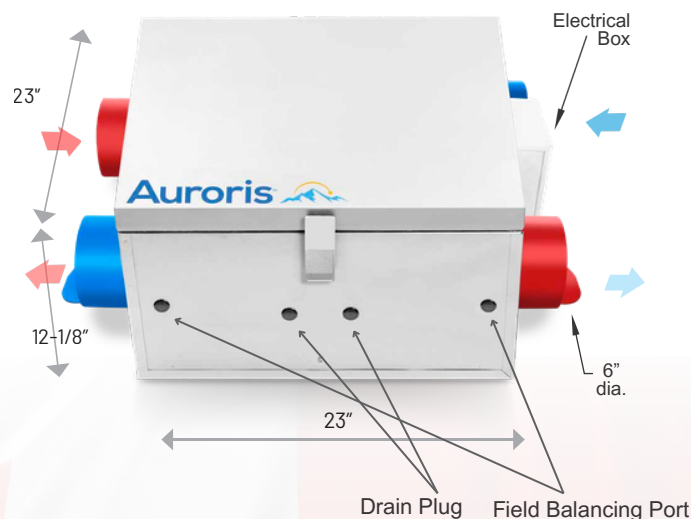


Features

- **Over all size 23" (W) x 23" (D) x 12.125" (H)**
- **Power ratings: 115V / 1 / 60 Hz, 1.5 Amp., Standby current is 2W only**
- Washable high efficiency **Polypropylene core** suitable for -25°C
- High efficiency energy saving permanently lubricated variable speed **PSC 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 exhausts (High / Low) - up to 235 CFM
- Continuous fresh air supply at Normal speed up to 175 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 60 lbs.
- **Meets All LEED Standards and Building Code Requirements**
- **SMART IAQ™ Enabled**
- **5 Year Limited Warranty**



Accessories (Included):

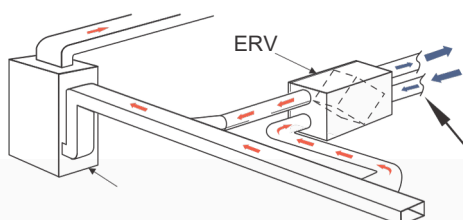
- Webbing Installation Kit or 4 PS Mounting brackets
- Drain Plugs (2 Sets)

Optional:

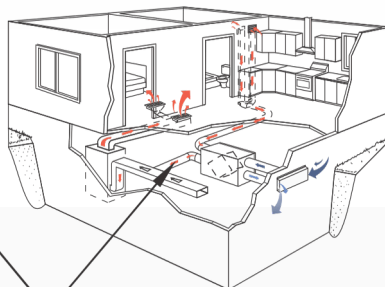
- Intermittent Switch, 5VDC (IC100-5V)
- Smart IAQ™ Controller
- Push button timer switch (20/40/60 Min., 5VDC)
- Motorized Damper (120V AC), option 1 & 2
- 2 sets (Webbing/Brackets/Ladder lock)
- Dehumidistat

Residential Installation Options:

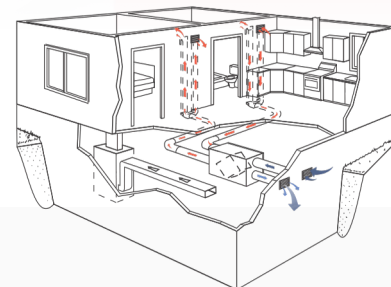
Furnace Return Air-duct Connection



Semi Ducted System



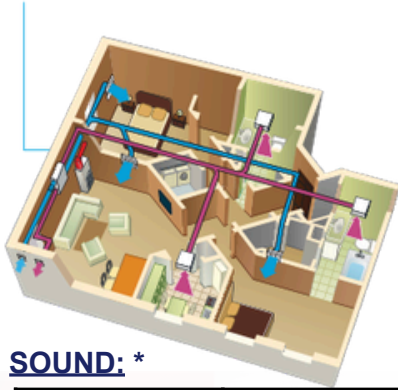
Fully Ducted System



**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

SOUND: *

30 l/s (@ 0.2 in W.G)

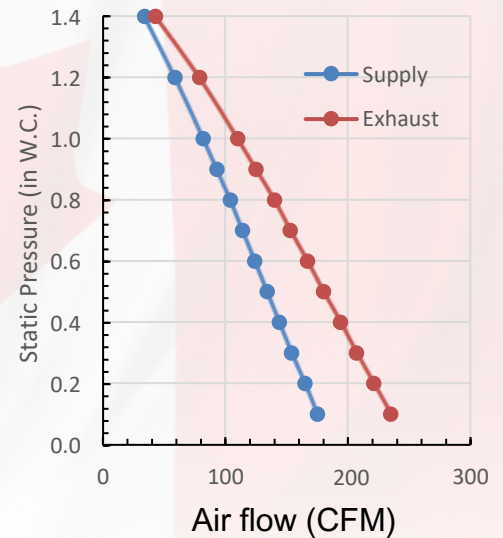
1.7 Sones (@ 50Pa)

NOTE

-HRV must be connected to drain.

VENTILATION PERFORMANCE

External static pressure		Net Supply air flow		Gross Air Flow				Power*
Pa	in. W.C.	L/s	cfm	Supply		Exhaust		
				L/s	Cfm	L/s	cfm	Watts
25	0.1	82	174	82	175	111	235	166
50	0.2	77	163	77	165	104	221	166
75	0.3	72	153	73	154	98	207	165
100	0.4	67	143	68	144	91	194	164
125	0.5	63	133	63	134	85	180	164
150	0.6	58	123	58	124	79	167	163
175	0.7	53	113	54	114	72	153	162
200	0.8	48	103	49	104	66	140	160
225	0.9	43	92	44	93	59	125	159
250	1.0	38	81	39	82	52	110	157
300	1.2	27	59	28	59	37	79	153
350	1.4	16	34	16	34	20	43	146



ENERGY PERFORMANCE

HSHX-200		Supply Temperature		Net Airflow		Average power (Watts)	Sensible Recovery Efficiency	Adjusted Sensible Recovery Efficiency	Net Moisture Transfer (%)
		°C	°F	L/s	CFM				
Heating	I	0	32	30	64	78	81 %	89 %	0.01 %
	II	0	32	55	117	117	76 %	83 %	0.01 %
	III	0	32	74	158	152	71 %	78 %	0.01 %
	IV	-25	-13	34	72	80	58 %	61 %	0.01 %

*Sound and Fan Power are not certified by HVI.

