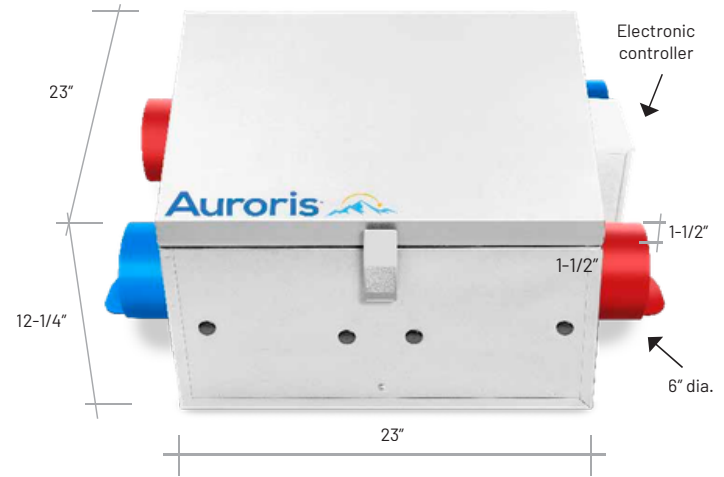


Features

- Washable high efficiency Enthalpy core suitable for -25°C
- Tilted core design for maximum efficiency
- High efficiency energy saving permanently lubricated variable speed ECM motors for air balancing
- 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 23" (W) x 23" (D) x 12.25" (H)
Weight approximately 60 lbs.
- Power ratings: 115V / 1 / 60 Hz, 1.1 Amp., Standby current is 3W only
- Washable MERV - 3/4 filters
- Automatic fan cycled defrost
- Suitable for horizontal & vertical installation
- Exhaust up to 3 washrooms, Suitable for Corridor
- Two Speed exhausts (High / Low) - up to 207 CFM
- Continuous fresh air supply at Normal speed up to 218 CFM
- Furnace / Fan-coil / Heat Pump Interlock
- Dual Power Failure / Freeze Protection
- Weight approximately 52 lbs.
- **Meets All LEED Standards and Building Code Requirements**
- **SMART IAQ™ Enabled**
- **5 Year Limited Warranty**



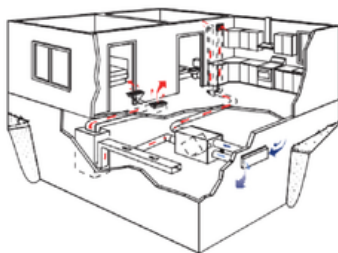
Accessories (Included):

- Webbing Installation Kit or 4 PS Mounting brackets

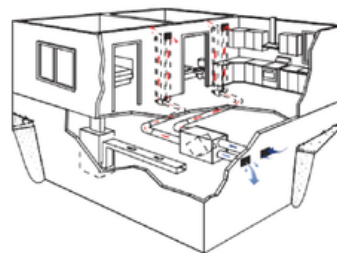
Optional:

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

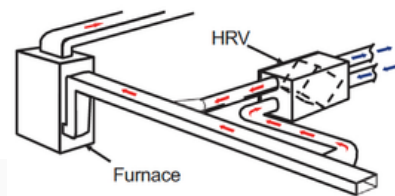
Residential Installation Options:



Fully Ducted System



Semi Ducted System



Furnace Return Air-duct Connection



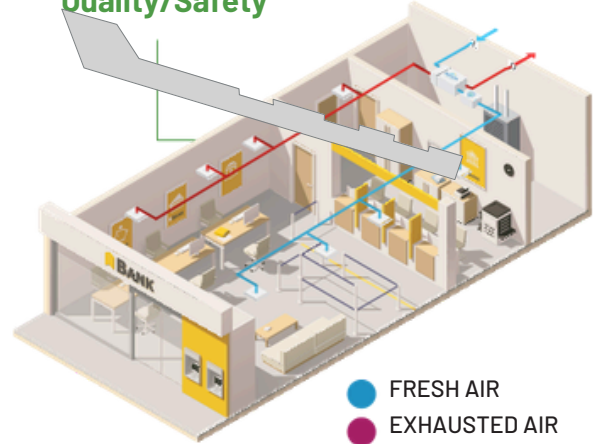
Fully Ducted System



ERV with Fan Coil System



Installation options for Indoor Air Quality/Safety



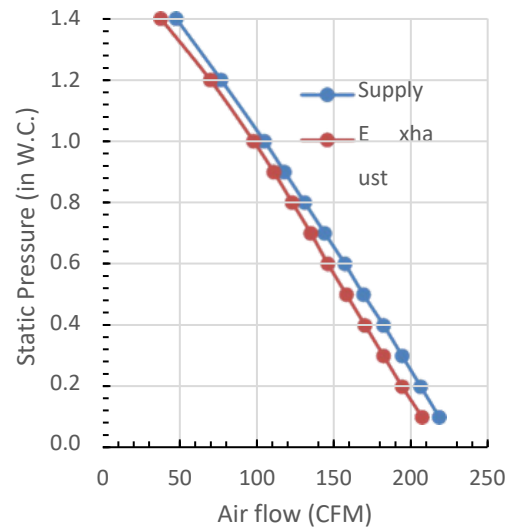
● FRESH AIR
● EXHAUSTED AIR

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	103	218	103	218	98	207	167
50	0.2	97	206	97	206	91	194	166
75	0.3	91	194	91	194	86	182	166
100	0.4	85	182	86	182	80	170	165
125	0.5	80	169	80	169	74	158	165
150	0.6	74	157	74	157	69	146	164
175	0.7	68	144	68	144	63	135	162
200	0.8	62	131	62	131	58	123	161
225	0.9	55	118	56	118	52	111	160
250	1.0	49	105	49	105	46	98	158
300	1.2	36	77	36	77	33	70	154
350	1.4	23	48	23	48	18	38	147

SOUND: *

30 l/s (@ 0.2 in W.G)	1.5 Sones (@ 50Pa)
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ENERGY PERFORMANCE

ESH-200		Supply Temperature		Net Airflow		Average power (Watts)	Sensible Recovery Efficiency	Adjusted Sensible Recovery Efficiency	Net Moisture Transfer (%)
		°C	°F	L/s	scfm				
Heating	I	0	32	30	65	81	84 %	93 %	69 %
	II	0	32	56	119	116	80 %	87 %	62 %
	III	0	32	76	162	159	76 %	83 %	56 %
	IV	-25	-13	28	60	84	56 %	60 %	39 %
Cooling	V	35	95	30	64	81	70 %**	75 %**	73 %

*Sound and Fan Power are not certified by HVI.
**Indicate total recovery efficiency

