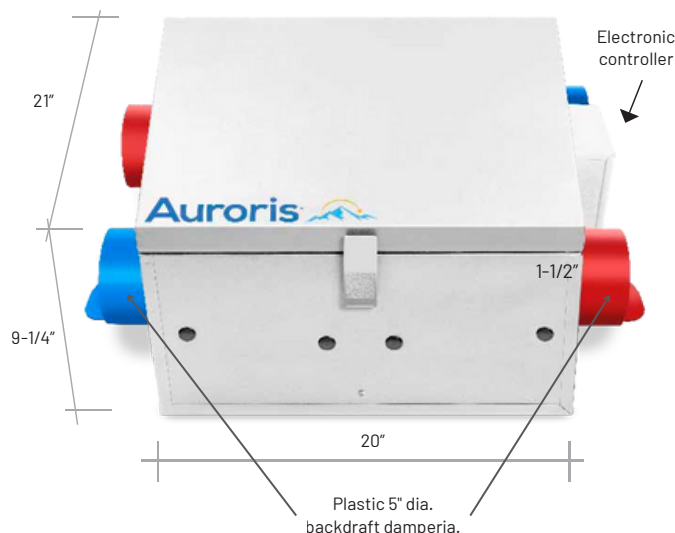


Features

- High efficiency energy saving permanently lubricated variable speed (ECM) motors for air balancing.
- 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 20" (W) x 21" (D) x 9 1/4" (H)
- Power ratings: 115V/1/60 Hz, 1.5 Amp, Stand by current is 2w only
- Washable filters
- Drainless Design
- Suitable for horizontal & vertical installation
- Exhaust up to 2 washrooms
- Automatic non-recirculating defrost (fan cycled)
- Continuous fresh air supply at Normal speed up to 138 CFM
- Furnace / Fan-coil / Heat Pump Interlock
- Dual Power Failure / Freeze Protection
- Weight approximately 39 lbs.
- **Meets All LEED Standards and Building Code Requirements**
- **SMART IAQ™ Enabled**
- **5 Year Limited Warranty**
-



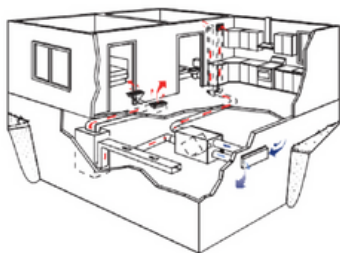
Accessories (Included):

- Webbing Installation Kit or 4 PS Mounting brackets

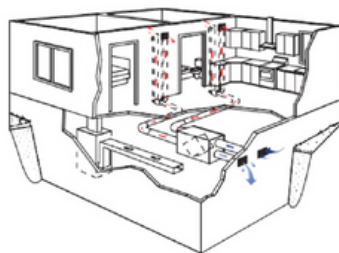
Optional:

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

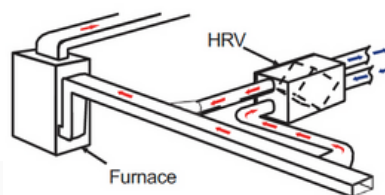
Residential Installation Options:



Fully Ducted System



Semi Ducted System



Furnace Return Air-duct Connection



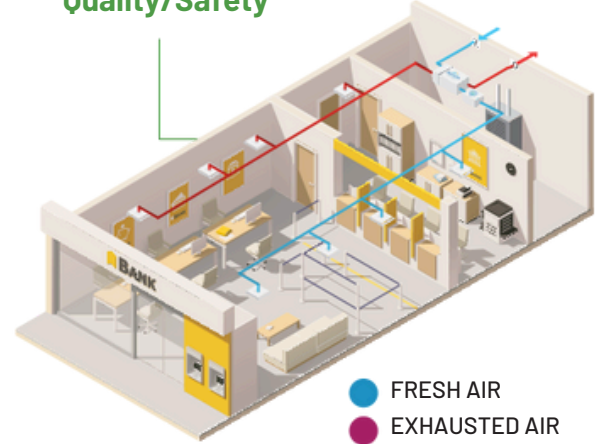
Fully Ducted System



ERV with Fan Coil System



Installation options for Indoor Air Quality/Safety



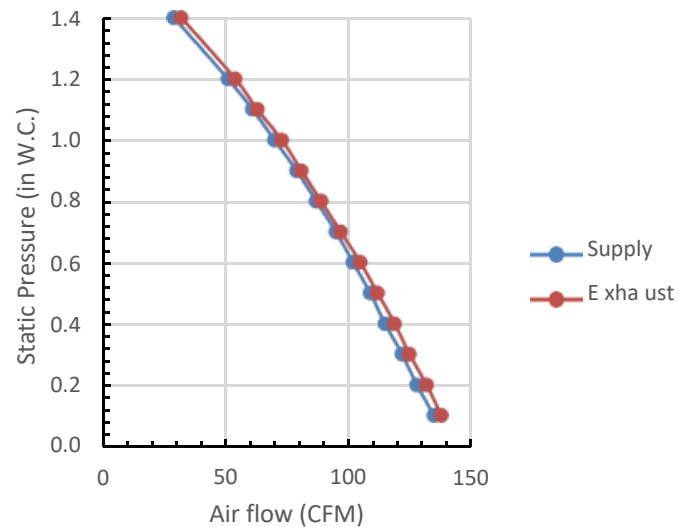
VENTILATION PERFORMANCE

Exhaust static pressure		Net Supply air flow		Gross Air Flow				Power*
				Supply		Exhaust		
Pa	in. W.C.	L/s	scfm	L/s	scfm	L/s	scfm	Watts
25	0.1	63	134	63	135	65	138	99
50	0.2	60	127	60	128	62	132	99
75	0.3	57	121	57	122	59	125	98
100	0.4	54	114	54	115	56	119	99
125	0.5	51	108	51	109	53	112	97
150	0.6	47	101	48	102	49	105	95
175	0.7	44	94	44	95	46	97	94
200	0.8	40	86	41	87	42	89	93
225	0.9	37	78	37	79	38	81	91
250	1.0	33	70	33	70	34	73	88
275	1.1	28	61	29	61	30	63	85
300	1.2	24	51	24	51	25	54	82
350	1.4	13	29	13	29	15	32	73

SOUND*

50 CFM @0.2
(IN. W.G.) S.P.

App. 0 Sones
(@50Pa)



ENERGY PERFORMANCE

ESCX-130HE		Supply Temperature		Net Airflow		Average power (Watts)	Sensible Recovery Efficiency	Adjusted Sensible Efficiency	Net Moisture Transfer (%)
		°C	°F	L/s	scfm				
Heating	I	0	32	31.0	67.0	41	81 %	85 %	57 %
	II	0	32	39.0	83.0	50	79 %	84 %	53 %
	III	0	32	48.0	102.0	64	77 %	81 %	51 %
	IV	-25	-13	31.0	67.0	37	61 %	63 %	42 %
Cooling	V	35	95	31.0	67.0	40	45 %**	48 %**	30 %

*Sound and Fan Power are not certified by HVI.

**Indicate total recovery efficiency

