

### 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 23" (W) x 23" (D) x 12.25" (H)
- Power ratings: 115V / 1 / 60 Hz, 1.5 Amp., Standby Current is 2W only
- Washable Polypropylene Core
- Drainless Design
- Suitable for horizontal & vertical installation
- 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 Power Failure / Freeze Protection
- Weight approximately 60 lbs.
- **SMART IAQ™ Enabled**
- **5 Year Limited Warranty**



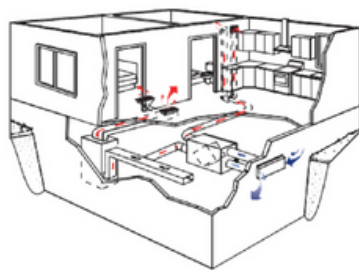
#### Accessories (Included):

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

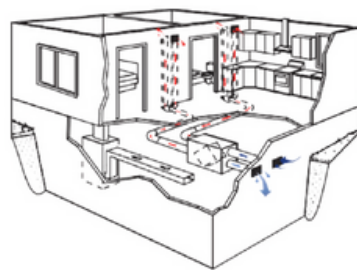
#### Optional:

- 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

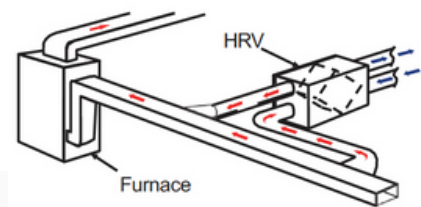
### Residential Installation Options:



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



### NOTE

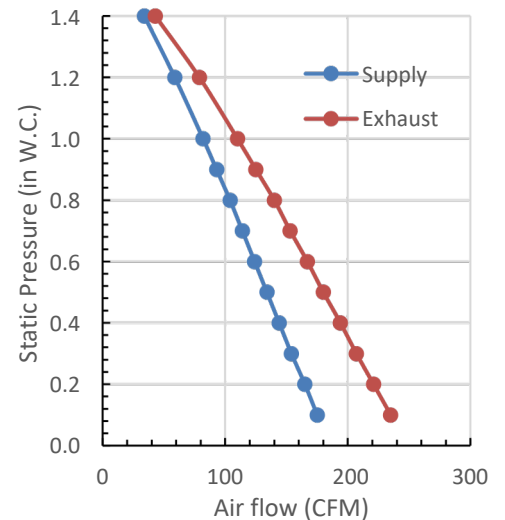
-HRV must be connected to drain.

### VENTILATION PERFORMANCE

External static pressure		Net Supply air flow		Gross Air Flow				Power*
Pa	in. W.C.	L/s	cfm	Supply		Exhaust		
Pa	in. W.C.	L/s	cfm	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

### SOUND: \*

30 l/s (@ 0.2 in W.G)	1.7 Sones (@ 50Pa)
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### ENERGY PERFORMANCE

HSH-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.

