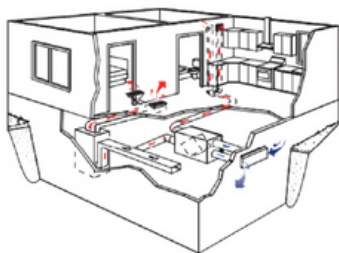


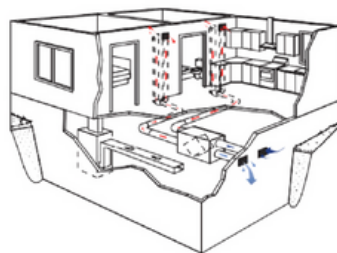
Features

- The Industry's First Built-In True Automatic Airflow Balancing Technology (TAB™)
- Highly Energy Efficient, permanently lubricated, ECM 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.
- Adjustable Speeds Air flow: 45 - 160 CFM (Normal Operation). For homes and suites up to 2000 sq. ft.
- Power Ratings: 115V / 1 / 60 Hz, 0.70 Amp, Standby current is 9W only
- Adjustable 4-Normal (Low Speed) and 4-High Speed operation
- Fully Automatic Recirculation Defrost (Below -5°C)
- Unique electronic control board with power failure auto-restore
- Dual Failsafe Protection
- Washable Enthalpy core suitable up to -25°C (Drainless Design)
- Furnace / Fan-coil / Heat Pump Interlock
- Horizontal & Vertical Installation
- **Meets All Leed Standards and Building Code Requirements**
- **SMART IAQ™ Enabled**
- **5 Year Limited Warranty**

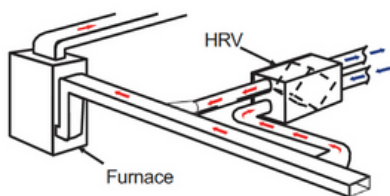
Residential Installation Options:



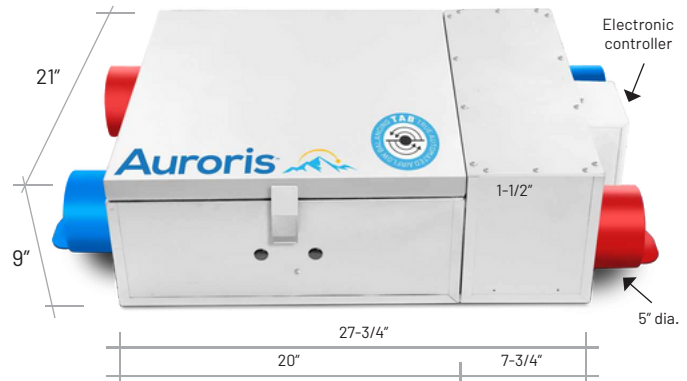
Fully Ducted System



Semi Ducted System



Furnace Return Air-duct Connection



Accessories (Included):

- Webbing Installation Kit or 4 PS Mounting brackets
- Wall control

Optional:

- Intermittent Switch (5VDC)
- Smart IAQ™ Controller
- Timer switches 5VDC (Wall mount)
- Multiple wall controls
- 2 sets (Webbing/Brackets/Ladder lock)
- Pipe and "T" connector

Wall Control:

- Programmable LCD display
- Easy to mount and operate
- Self powered (no battery required)
- OFF/Normal/High/Recirculation/ Energy Saving mode
- Humidity and Error indicators
- Two defrost method selection: Recirculating & Non-recirculating
- Humidity settings (up to 80% RH)
- Multiple Wall Controls option



PRIMUS™ ERV by



Model: EPXT-150 Specifications

Fully Ducted System



ERV with Fan Coil System



Installation options for Indoor Air Quality/Safety



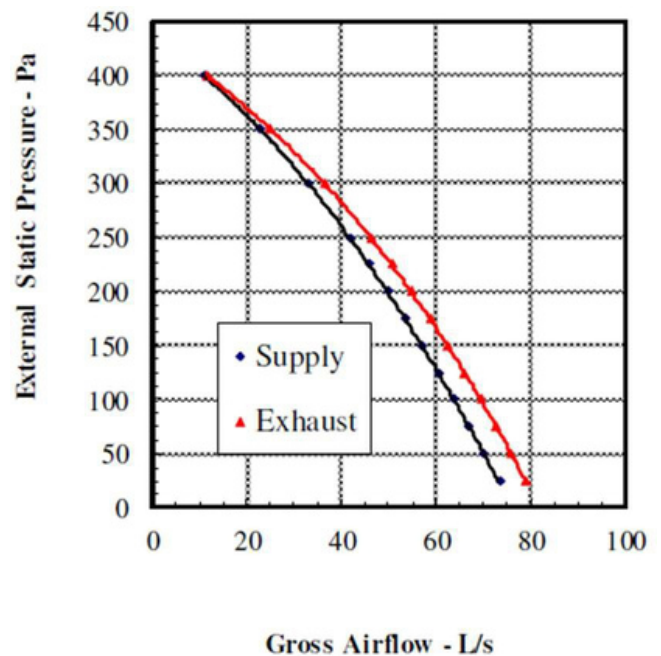
SOUND

30 (L/s) @0.2 (IN. W.G.) S.P.	1.0 Sones (@50Pa)
-------------------------------	-------------------

VENTILATION PERFORMANCE

Exhauststatic pressure		NetSupply airflow		Gross Air Flow				Power
Pa	in. W.C.	L/s	scfm	Supply		Exhaust		
Pa	in. W.C.	L/s	scfm	L/s	scfm	L/s	scfm	Watts
25	0.1	72.0	154.0	73.0	155.0	79.0	167.0	103.0
50	0.2	69.0	147.0	70.0	148.0	75.0	160.0	103.0
75	0.3	66.0	140.0	66.0	141.0	72.0	153.0	103.0
100	0.4	63.0	133.0	63.0	134.0	69.0	147.0	103.0
125	0.5	59.0	126.0	60.0	127.0	66.0	139.0	103.0
150	0.6	56.0	119.0	57.0	120.0	62.0	132.0	103.0
175	0.7	53.0	112.0	53.0	113.0	58.0	124.0	102.0
200	0.8	49.0	104.0	49.0	105.0	54.0	116.0	100.0
225	0.9	45.0	96.0	45.0	97.0	50.0	107.0	99.0
250	1.0	41.0	87.0	41.0	88.0	46.0	97.0	96.0
300	1.2	32.0	69.0	32.0	69.0	36.0	76.0	91.0
350	1.4	22.0	47.0	22.0	48.0	24.0	52.0	83.0
400	1.6	10.0	23.0	10.0	23.0	11.0	24.0	73.0

NOTE: FAN CURVE PERFORMED AT HIGHEST SPEED



ENERGY PERFORMANCE

RERV-D100ECM		Supply Temperature		Net Airflow		Supply/Exhaust Flow Ratio	Average Power (Watts)	Sensible Recovery Efficiency	Adjusted Sensible Efficiency	Apparent Sensible Effectiveness	Net Moisture Transfer
		C°	F	L/s	scfm						
Heating	I	0	32	33.5	71	1.00	39.0	80.0	84.0	85.0	0.71
	II	0	32	38.1	80.7	1.00	44.0	79.0	83.0	84.0	0.69
	III	0	32	45.4	96.2	0.99	55.0	78.0	82.0	84.0	0.67
	iv	-25	-13	30.8	65.3	0.92*	57.0	61.0	63.0	82.0	0.37
Cooling	IV	35	95	32.4	68.7	0.99	35.0	66.0	73.0	77.0	0.38

* The Supply / Exhaust Flow Ratio at 22°C to the start of the 72 Hour Cold Weather Test

