



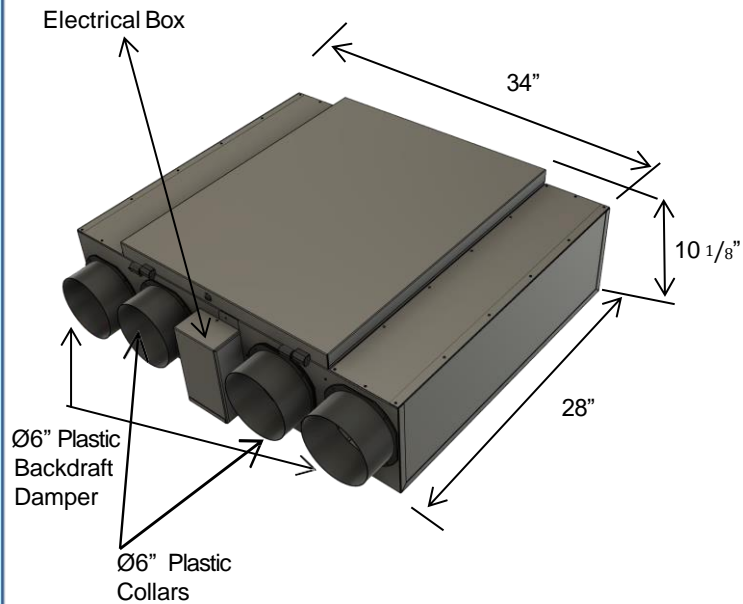
**Slim Line Multi Ports ECM Constant Flow Unit**



**Features:**

- Power ratings: 115V/ 1 / 60 Hz, 0.1.6 Amp, Standby current is 9W only
- High efficiency **energy saving** permanently lubricated ECM constant flow motors (Thermally protected) for continuous operation
- Washable **Enthalpy core** suitable up to -25°C (**Drain-less design**)
- **Tilted core design for maximum efficiency**
- **Fully automatic** re-circulation defrost (below -5°C)
- **Adjustable** 10-Normal (Low Speed) and 10-High Speed operation for constant flow application
- Ideal for **horizontal and vertical** installations
- Air flow: 30-125 CFM (normal operation) /145 CFM (**High Speed operation**)
- Can be installed in a corner and run all four ducts in one direction
- For homes and suites up to **2000 sq. ft.**
- Meets all standards and building codes requirements.
- **Unique** electronic control board allows the unit to return to the last memory mode when power restores after failure
- Furnace/ Fan-coil/ Heat Pump Interlock
- **Dual Protection:** If for any reason ERV fan failure is detected, the outside fresh-air supply will be closed and interlocking relay contact will be opened. Fan Coil/Furnace low speed will be stopped and at normal operation no outside air will enter into the ERV system
- App. Weight 60 lbs.
- **2 years warranty** on parts
- **Washable filters**

**ERV (Enthalpy Core)**

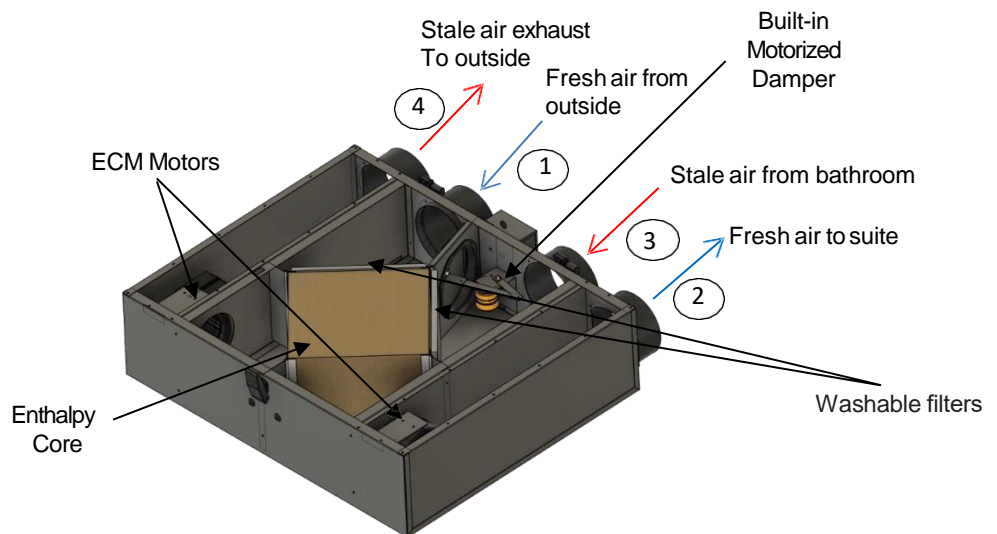


**Accessories (Included):**

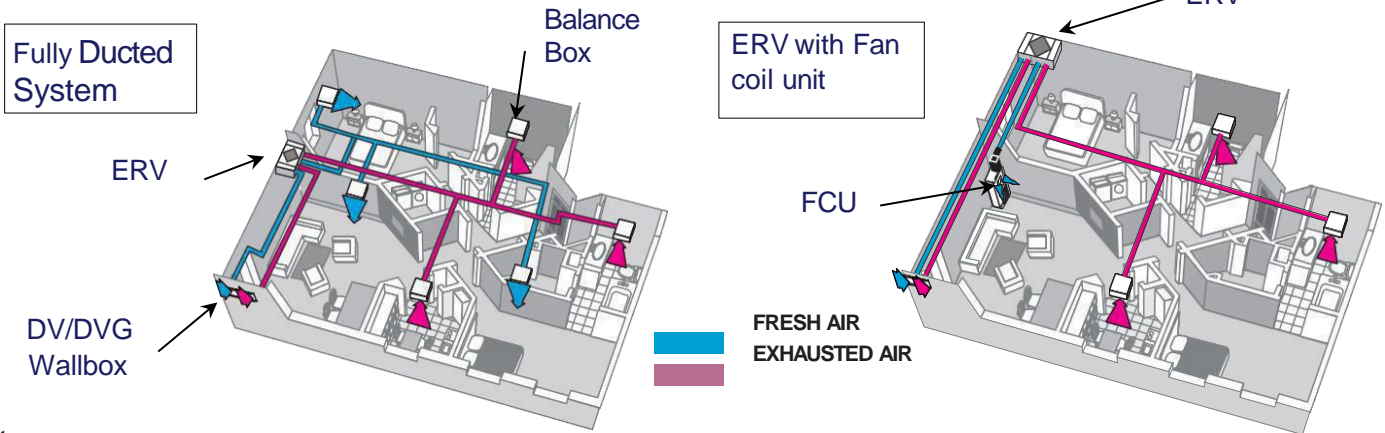
- Mounting brackets (4 Pcs.)
- MERV-4 Washable filters

**Optional:**

- Timer switches 5VDC (Wallmount, up to 4 pcs.)
- Intermittent Switch 5VDC (Wallmount, 1pc. only)
- 2 sets (Webbing/Brackets/Ladder lock)
- Pipe and "T" connector
- MERV-8 & 13 filters



**Installation Options for High-Rise Condominium**

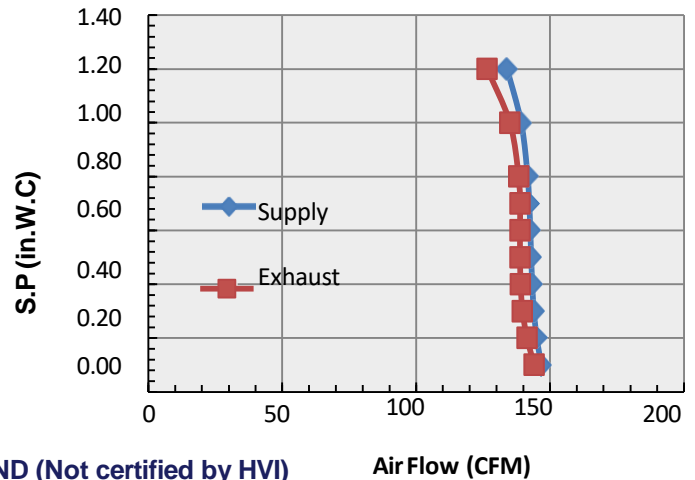


**Note:**

-ERV does not require any drain. However, we recommend to connect ERV to drain in areas where extreme cold weather conditions are expected.

**VENTILATION PERFORMANCE**

External Static Pressure		Net Supply Air flow		Gross Air Flow			
				Supply		Exhaust	
Pa	In.W.C	L/s	CFM	L/s	CFM	L/s	CFM
25	0.1	68	144	69	146	68	144
50	0.2	67	142	68	144	66	140
75	0.3	67	142	67	142	66	140
100	0.4	66	140	67	142	65	138
125	0.5	66	140	67	142	65	138
150	0.6	66	140	67	142	65	138
175	0.7	66	140	67	142	65	138
200	0.8	66	140	66	140	65	138
250	1.0	65	138	65	138	63	133
300	1.2	62	131	63	133	59	125



**SOUND (Not certified by HVI)**

<b>30(L/s) @0.2 (IN.W.G)</b>	<b>1.5sones (@50Pa)</b>
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**ENERGY PERFORMANCE**

RERV-SL		Supply Temperature		Net Airflow		Supply/Exhaust Flow Ratio	Average Power (Watts)	Sensible Recovery Efficiency (SRE)	Adjustable Sensible Recovery Efficiency	Net Moisture Transfer
		°C	°F	L/s	CFM					
Heating	i	0	32	30	64	0.99	33	71	74	0.57
	ii	0	32	33	70	0.99	33	70	73	0.57
	iii	0	32	45	95	1.01	55	68	72	0.52
	iv	0	32	59	125	1.00	95	65	70	0.47
	v	-25	-13	31	66	0.91	76	61	64	0.49
Cooling	i	35	95	30	64	0.99	33	61**		0.61

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

\*\* Indicates Total Recovery Efficiency not Sensible Recovery Efficiency

Contractor:		<b>RERV-SL100ECM</b>		
Architect:	Job:	Date	Superse.des	Drawing No.
Engineer:	Date Submitted:	04/05/2023		



**REVERSOMATIC**  
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