

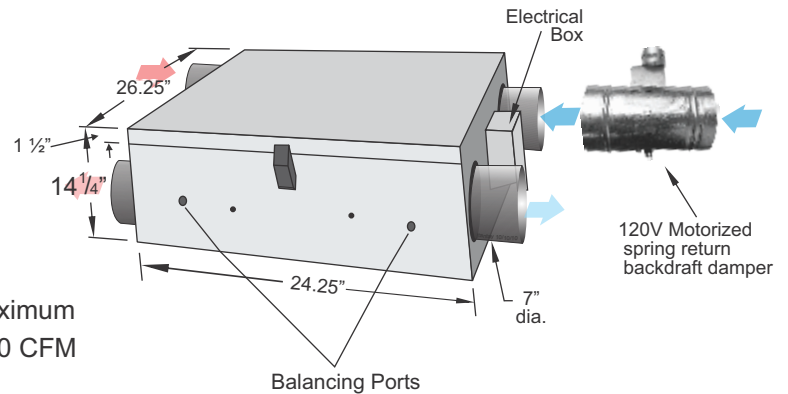


**MAXUM**

**(Enthalpy Core)**

**Features**

- Over all size 26.25" (W) x 24.25" (D) x 14.25" (H)
- Power ratings: 115V / 1 / 60 Hz, 3.6 Amp., Standby current is 7W only
- Washable Enthalpy core and Filters
- Drainless design
- High efficiency energy saving permanently lubricated variable speed PSC motors for air balancing
- Suitable for horizontal & vertical installation
- Tilted core design for maximum efficiency
- Automatic fan cycled defrost
- Exhaust up to four washrooms
- Suitable for Corridor
- Two Speed exhaust (High / Low) - up to 300 CFM maximum
- Continuous fresh air supply at Normal speed up to 300 CFM
- Furnace / Fan-coil / Heat Pump Interlock
- Dual Protection: If exhaust fan fails, the outside fresh-air supply will be closed by shutting off supply motor and the relay contact for motorized damper and interlock will be opened. Fan Coil/Furnace low speed will be stopped and at normal operation no air will enter into the system
- In case of power failure, optional motorized spring return damper stops the fresh air intake and prevent core from freezing
- Weight approximately 75 lbs., 2 years warranty on parts

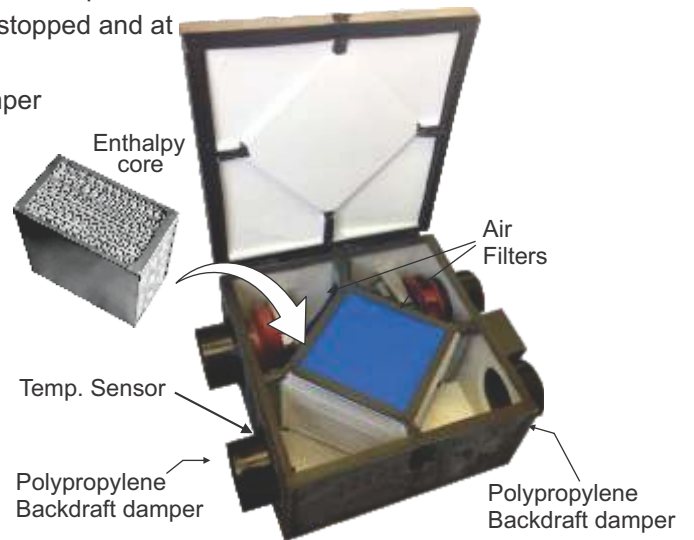


**Accessories (Included):**

- Mounting brackets and Drain plugs

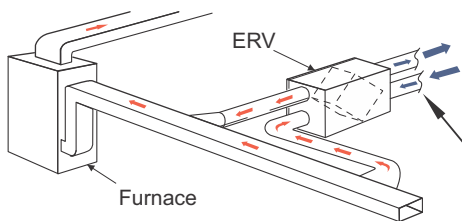
**Optional:**

- Motorized Damper (120 VAC)
- In-line Damper dia 7" (RD 7) on port #2 & 4
- Dehumidistat
- Pipe and "T"connector
- Time Delay Switch (120V AC)
- 2 sets (Webbing/Brackets/Ladder lock)
- Intermittent Switch (5VDC)
- Push button timer switch (20/40/60 Min., 5VDC)

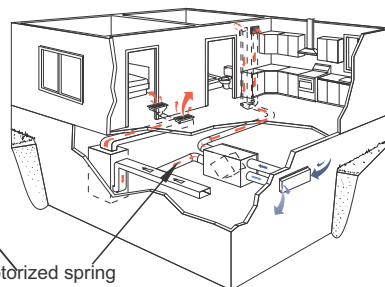


**Installation Options for house**

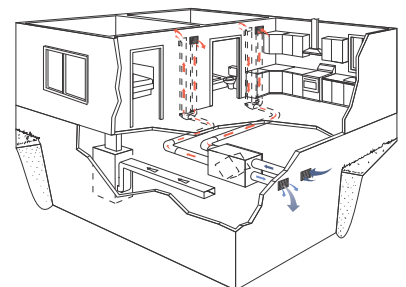
**Furnace Return Air-duct Connection**



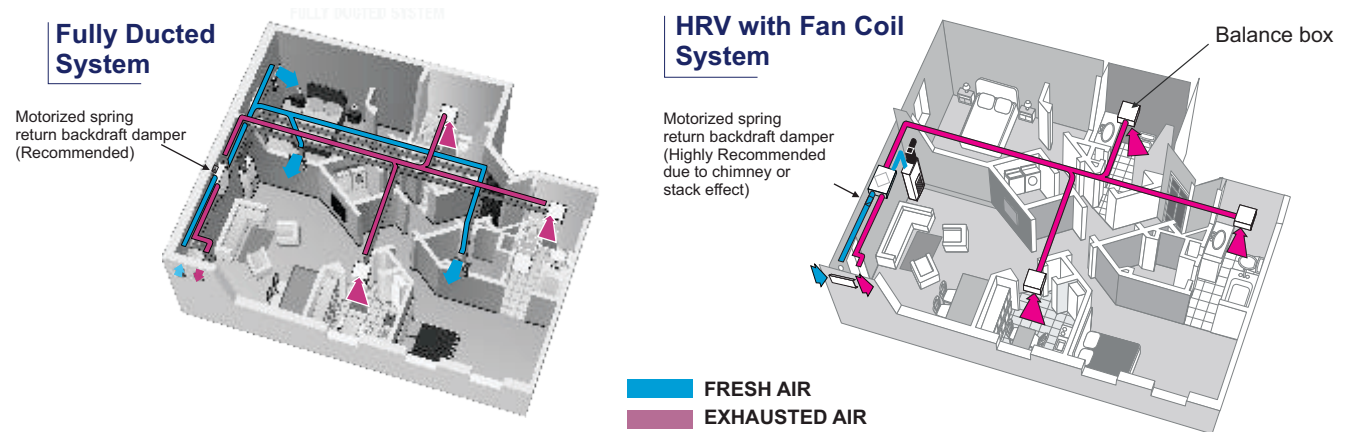
**Semi Ducted System**



**Fully Ducted System**



## Installation Options for High-Rise Condominium



## VENTILATION PERFORMANCE

Model #	Normal Speed Supply/Exhaust (Constant Ventilation)	High Speed Exhaust (Activated by switch)	Maximum Power Rating 120V / 1 / 60Hz
<b>RERV-S300</b>	100 ~ 300 CFM variable	100 ~ 300 CFM variable	3.60 Amp.

### SOUND:

30 (L/s) @ 0.2 (IN. W.G.)	2.0 sones
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\*Normal and high speed can be adjusted by either installer or factory using speed controllers mounted on the main controller of the unit.

## ENERGY PERFORMANCE

RERV-S300		Supply Temperature		Net Airflow		Supply / Exhaust Flow Ratio	Average Power (Watts)	Sensible Recovery Efficiency	Apparent Sensible Effectiveness	Net Moisture Transfer
		°C	°F	L/S	CFM					
Heating	i	0	32	31	65	1.04	78	70	81	58 %
	ii	0	32	51	107	1.01	106	68	79	54 %
	iii	0	32	69	146	1.05	130	66	75	47 %
	iv	0	32	85	180	0.97	156	63	71	45 %
	v	0	32	106	225	0.99	178	60	68	41 %
	vi	0	32	131	278	1.01	220	57	65	38 %
Cooling	vii	35	95	31	65	1.00	78	56**	76	56 %
	viii	35	95	50	107	0.97	110	51**	75	47 %

\*\* Indicate Total Recovery Efficiency not Sensible Recovery Efficiency

Contractor:		<b>RERV-S300</b>		
Architect:	Job:	Date	Supersedes	Drawing No.
Engineer:	Date Submitted:	05/10/20		Rev. II

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