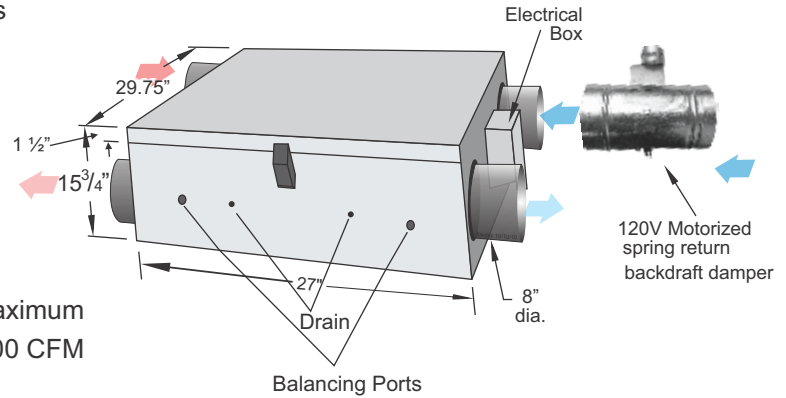




MAXUM

Features

- Over all size 29.75" (W) x 27" (D) x 15.75" (H)
- Power ratings: 115V / 1 / 60 Hz, 5.2 Amp., Standby current is 7W only
- Washable Polypropylene core and MERV - 3/4 Filters
- 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 500 CFM maximum
- Continuous fresh air supply at Normal speed up to 500 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 100 lbs., 2 years warranty on parts

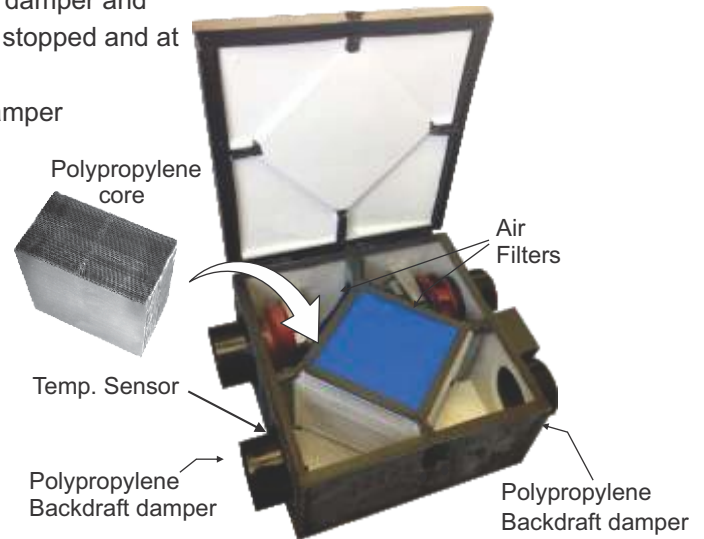


Accessories (Included):

- Mounting brackets

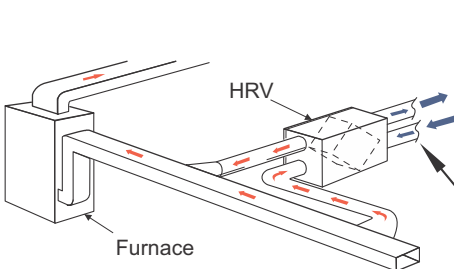
Optional:

- Motorized Damper (120V AC)
- In-line Damper dia 8" (RD 8) on port #2 & 4
- Dehumidistat
- Pipe and "T"connector
- Time Delay Switch (120V AC)
- 2 sets (Webbing/Brackets/Ladder lock)
- Intermittent Switch (5VDC)
- Filters upto MERV-13
- Push button timer switch (20/40/60 Min., 5VDC)

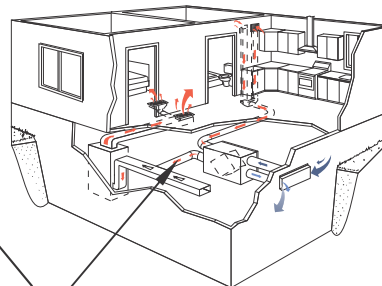


Installation Options for house

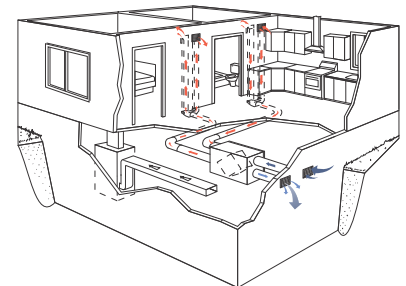
Furnace Return Air-duct Connection



Semi Ducted System



Fully Ducted System

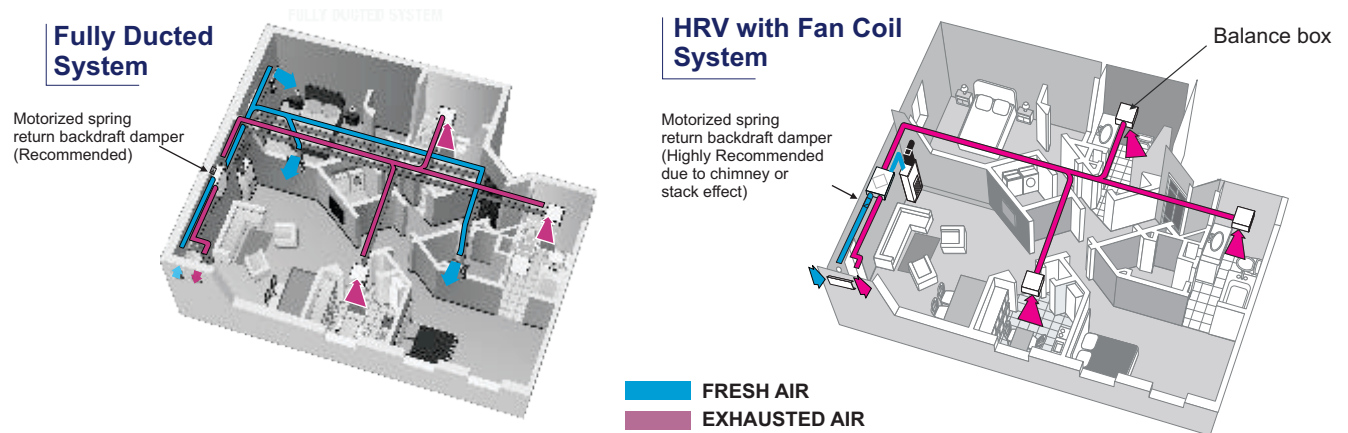


Motorized spring return damper (Highly Recommended)



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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
RHRV-S500P	100 ~ 500 CFM variable	100 ~ 500 CFM variable	5.20 Amp.

SOUND:

30 (L/s) @ 0.2 (IN. W.G.)	2.2 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

RHRV-S500P		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	24	50	1.01	64	72	86	0.01
	ii	0	32	32	67	1.06	76	71	85	0.02
	iii	0	32	44	94	1.06	90	69	78	0.01
	iv	0	32	67	141	1.03	118	65	74	0.01
	v	0	32	121	257	1.02	178	61	70	0.01
	vi	0	32	177	376	1.05	257	57	65	0.01
Cooling	vii									

** Indicate Total Recovery Efficiency not Sensible Recovery Efficiency

Contractor:		RHRV-S500P		
Architect:	Job:	Date	Supersedes	Drawing No.
Engineer:	Date Submitted:	05/10/20		Rev. II

Reversomatic Manufacturing Ltd.

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