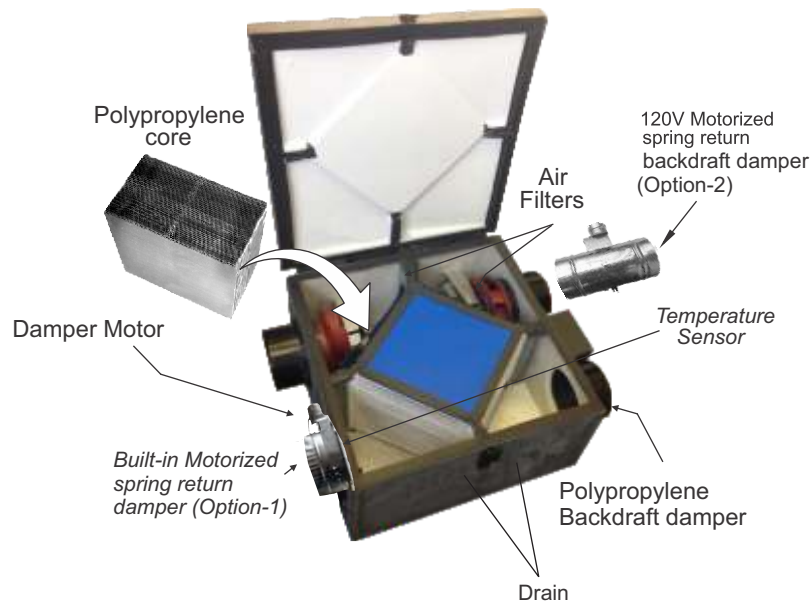
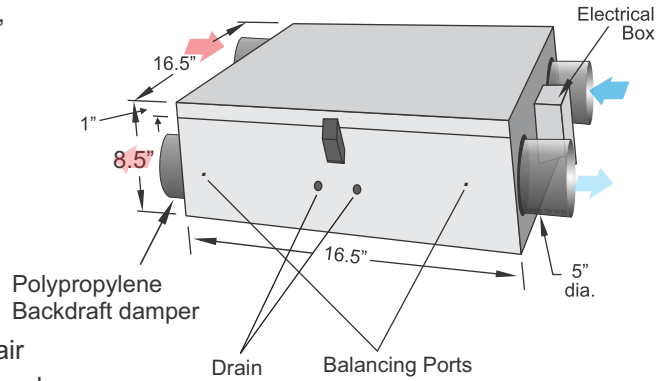




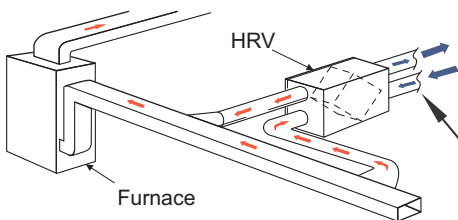
Features

- Over all size 16.5" (W) x 16.5" (D) x 8.5" (H)
 - Power ratings: 115V / 1 / 60 Hz, 0.75 Amp., Standby current is 7W only
 - Washable Polypropylene core and Filters
 - High efficiency, energy saving, permanently lubricated, backward inclined, non- over loading, 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 90 CFM
 - Continuous fresh air supply up to 20-60 CFM
 - Furnace / Fan-coil / Heat Pump Interlock
 - *Dual Protection:* If exhaust fan fails, the outside fresh-air supply will be closed automatically (by optional motorized damper) and interlocking relay contact will be opened. Fan Coil/Furnace low speed will be stopped and at normal operation no air will enter into the system.
 - Weight approximately 20 lbs.
 - Washable MERV- 3/4 filters.
 - 2 years warranty on parts
- Accessories (Included):**
- Mounting brackets
- Optional:**
- Built-in Motorized Spring Return Damper (option-1)
 - Motorized Spring Return Backdraft Damper (option-2)
 - Dehumidistat
 - Pipe and "T" connector
 - Time Delay Switch (5V or 120V)
 - 2 sets (Webbing/Brackets/Ladder lock)
 - Intermittent Switch (5VDC)
 - Push button timer (20/40/60 Min.-5VDC)

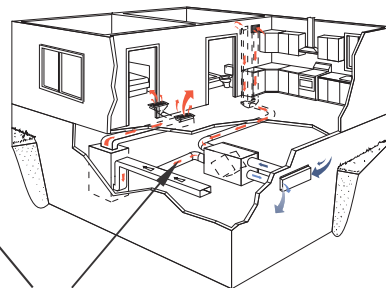


Installation Options for house

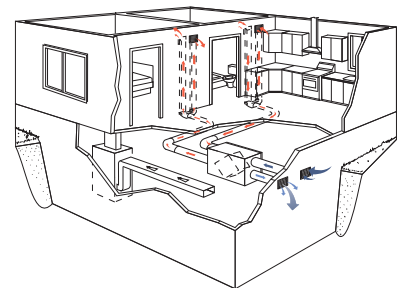
Furnace Return Air-duct Connection



Semi Ducted System



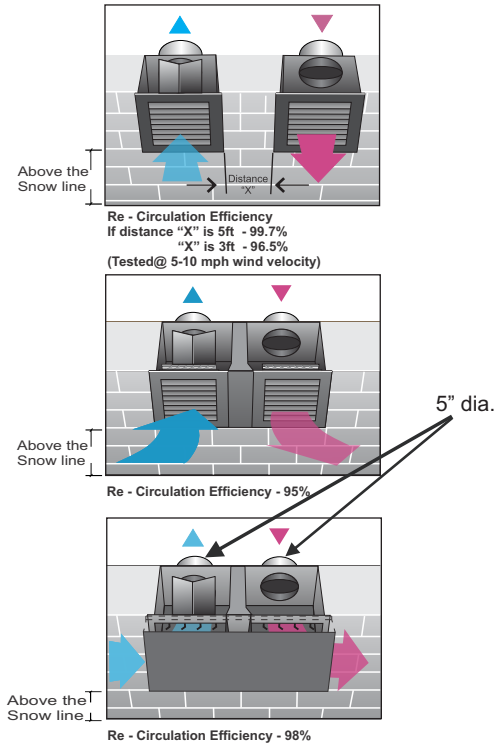
Fully Ducted System



Motorized spring return damper (Highly Recommended)



OPTIONAL WALL BOXES

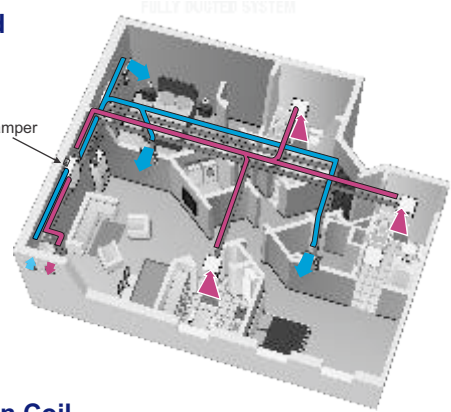


Note: All Vents must be installed min. 5 ft away from sidewalls.
For Safety and optimum performance always use Reversomatic accessories.

Installation Options for High-Rise Condominium

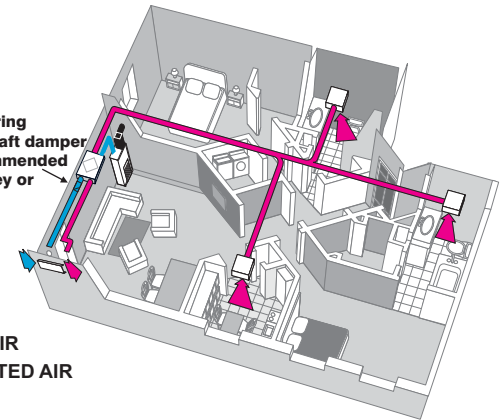
Fully Ducted System

Motorized spring return backdraft damper (Recommended)



HRV with Fan Coil System

Motorized spring return backdraft damper (Highly Recommended due to chimney or stack effect)



FRESH AIR
EXHAUSTED AIR

VENTILATION PERFORMANCE

Model #	Normal Speed Supply/Exhaust (Constant Ventilation) @ 50 Pa	High Speed Exhaust (Activated by switch) @ 50 Pa	Maximum Power Rating 120V / 1 / 60Hz
RHRV-80P	20 ~ 60 CFM variable	60 ~ 90 CFM variable	0.75 Amp.

Note:

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

* 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-80P		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	18	38	1.00	31	74	81	0.01
	ii	0	32	22	47	1.02	33	72	79	0.02
	iii	0	32	30	64	1.02	39	70	74	0.01
	iv									
	v	-25	-13	30	64	1.01	38	55	65	0.01

** Indicate Total Recovery Efficiency not Sensible Recovery Efficiency

Contractor:		RHRV-80P		
Architect:	Job:	Date	Superse.des	Drawing No.
Engineer:	Date Submitted:	11/15/16		

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