



Fantech

Your Ventilation Solutions Company



INSTALLED IN CONJUNCTION WITH FORCED-AIR FURNACE SYSTEMS

The entire series of Heat Recovery Cores are designed to work in conjunction with forced-air furnace systems. The exhaust air duct is connected to the supply air duct of the furnace and warm air is drawn from the forced-air heating/cooling system. The supply air duct is connected to the furnace's main return air duct. The fresh air enters the furnace and is distributed throughout the house using the existing ducting of the forced-air system. In such a configuration, the furnace blower should run continuously at low speed to ensure a regular flow of fresh air throughout the house.

FEATURES

- Compact design
- Electrostatic filter (washable)
- Polypropylene heat recovery core

OPTIONAL CONTROLS

- MDEH 1 – Mechanical low voltage dehumidistat

WARRANTY

- 5 year on parts
- Lifetime on core (limited)

Distributed by:

HRC(M) Series

Model HRC(M) 804 & HRC(M) 1204

SPECIFICATIONS

CASE 22 gauge galvanized steel. Powder coated finish, antique white. Insulated with 1" (25 mm) high density polystyrene foam to prevent condensation and meet the requirements of the Underwriters Laboratories 94HF.

FILTER Washable Electrostatic Panel Type Air Filters, 9.88" (251mm) x 10.88" (276mm) x 0.38" (9.5mm) for the HRC(M) 804 and 10.88" (276mm) x 12.88" (327mm) x 0.38" (9.5mm) for the HRC(M) 1204.

NO WASTED HEAT, NO CROSS-CONTAMINATION

At the heart of the Fantech HRC is a polypropylene heat-exchange core providing superior heat recovery performance. During the heating season, the HRC heat-exchange core recovers heat from the outgoing, stale household air and uses it to preheat incoming, fresh outdoor air. The polypropylene heat-exchange core, designed with a multitude of crosscurrent sections, ensures the two air streams are always kept separate preventing the incoming fresh air from being contaminated by the outgoing stale air. During the air-conditioning season, the HRC reverses this heat-exchange process, removing some of the heat from the incoming air and transferring it to the outgoing air.

CORE A polypropylene heat recovery core configured for efficient cross-flow ventilation. Core is 10.5" (267mm) x 10.5" (267mm) x 11" (279mm) for the HRC(M) 804 and core is 13.5" (343mm) x 13.5" (343mm) x 11" (279mm) for the HRC(M) 1204. Cores are manufactured to withstand extreme temperature variations.

MODELS HRC 804 & HRC 1204 Fantech HRC Standard Models are designed to function in conjunction with any forced-air furnace system. After balancing the unit, the fresh air is drawn in at approximately the same airflow rate as the stale air is exhausted. The system will provide a continuous exchange of air at a balanced rate while at the same time recovering heat from the exhausted air.

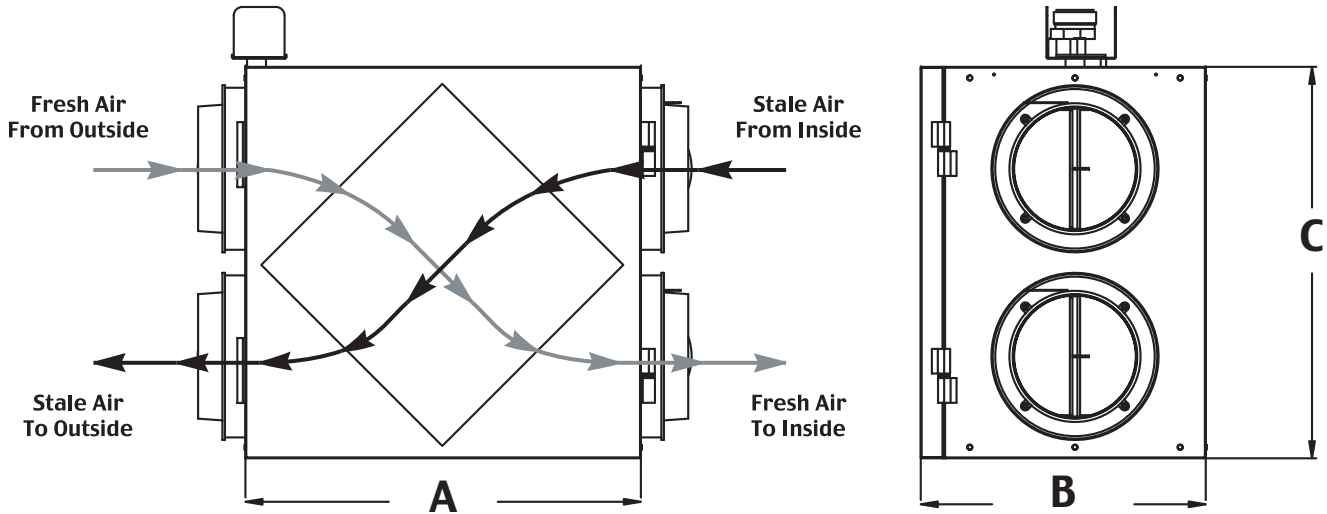
MODELS HRCM 804 & HRCM 1204 Fantech HRCM Models are designed with two (2) factory installed motorized dampers. When the Relative Humidity (RH) in the home rises above the selected set point, the wall mounted dehumidistat will trigger the motorized dampers to open and activate the furnace blower fan to exchange the air until the dehumidistat has been satisfied. The dehumidistat transformer and relay are included with both Fantech HRCM Models.

INSTALLATION Unit is typically hung by using installation kit supplied with unit. Mounting bolts provided on top four (4) corners of unit.

SERVICEABILITY Core, filter and drain pan can be easily serviced through latched access door.

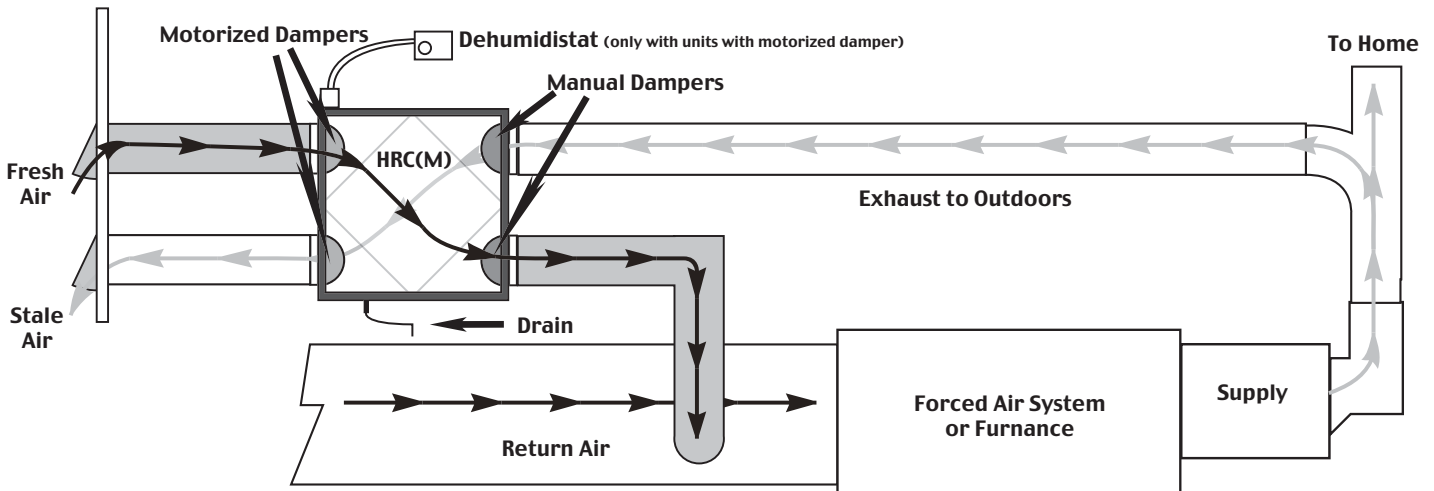
Fantech, reserves the right to modify, at any time and without notice, any or all of its products' features, designs, components and specifications to maintain their technological leadership position.

Dimensions & Airflow - All have 6" duct collars



Model	HRC 804	HRC 804M	HRC 1204	HRC 1204M
A	18 1/4" (464mm)	18 1/4" (464mm)	22 1/2" (572mm)	22 1/2" (572mm)
B	13 1/4" (334mm)	13 1/4" (334mm)	13 1/4" (334mm)	13 1/4" (334mm)
C	18 1/8" (459mm)	18 1/8" (459mm)	22 1/4" (567mm)	22 1/4" (567mm)
Duct Size	6" (152.4mm)	6" (152.4mm)	6" (152.4mm)	6" (152.4mm)

Installation Example



Contacts

Submitted by:	Date:
Qty:	Model #:
Comments:	
Project #:	
Location:	
Architect:	
Engineer:	
Contractor:	



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