



# Fantech

## Heat Recovery Ventilator

# KHP 6000

## Light Commercial HRV



The KHP 6000 Heat Recovery Ventilation system (HRV) complements the energy efficiency of modern buildings by filtering incoming fresh outdoor air before it enters the heat-recovery core where it is preheated by the outgoing, stale contaminated air. The HRV then distributes the preheated fresh filtered air throughout the building by direct ductwork installed specifically for the HRV or through the ductwork of a forced-air system

### APPLICATIONS INCLUDE:

- Class Rooms
- Retail Shops
- Hair Salons
- Bars & Restaurants
- Offices
- Clinics
- Animal Shelters
- Swimming Pools

### POWER

- Volts 120V
- Amperage 3.9 Total Amps
- Phase Single Phase



### OPTIONAL CONTROLS

- MDEH 1 – Mechanical Low Voltage Dehumidistat
- FD30M – 30 Minutes Crank Timer
- AQS 2 – Air Quality Sensor (with transformer)
- External dry contacts (provided)

### SPECIFICATIONS

**CASE** 20 gauge galvanized steel. Baked powder coated paint, grey. Insulated with 25.4 mm (1") insulation to prevent condensation.

**MOTORS** Two (2) German-manufactured, factory-balanced ebm™ motors with backward curved blades. Motors come with permanently lubricated sealed bearings guarantee long life and maintenance-free operation. Seven (7) year warranty.

**CORES** One (1) modular heat pipe core configured for an efficient performance retrieval of heat.

**FILTERS** Two (2) Washable Air Filters, 375 mm (14 3/4") x 597 mm (23 1/2") x 15.8 mm (5/8")

**MOUNTING** Unit can be installed using mounting brackets included. Brackets fasten to HRV with bolts provided and to floor joists using wood screws (purchased separately). Unit may also be suspended by using the mounting brackets and threaded rod (purchased separately).

**CONTROLS** Low voltage (24VAC) external dry contacts to activate high speed. External three (3) position switch for LOW/STAND BY/ MED continuous ventilation speeds.

**DEFROST** The defrost sequence is activated when the exhaust air temperature drops below the preset level, the sensor shuts down the supply fan until the core defrosts and then the unit returns to normal operation.

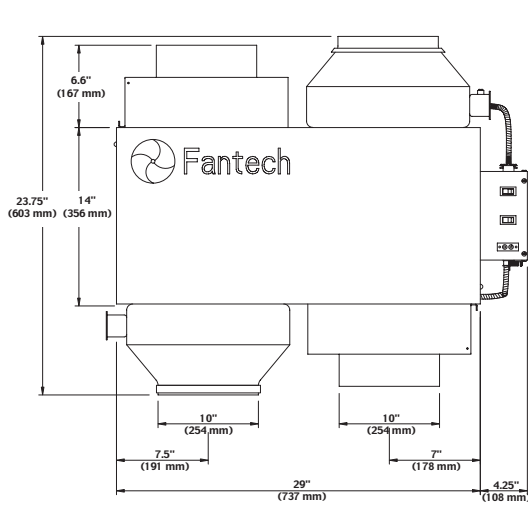
**SERVICEABILITY** Core can be easily accessed by removing the access panel of the unit. Motors & filters can be accessed from both sides of the HRV.



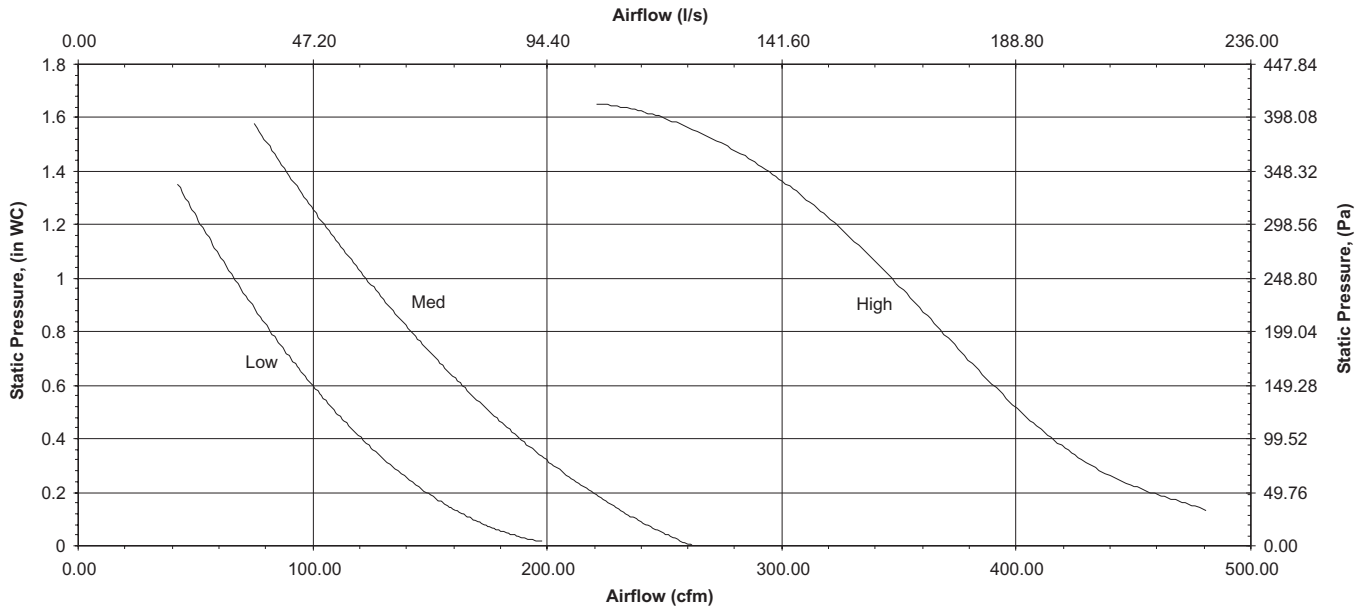
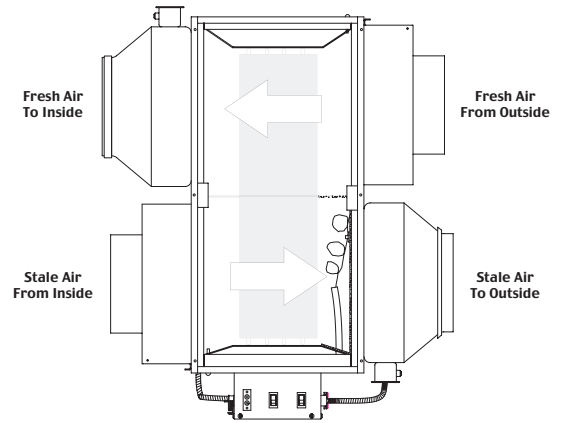
For More Information Contact:

# KHP 6000 Light Commercial HRV

## Dimensions



## Airflow



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



# Fantech

### United States

1712 Northgate Blvd. • Sarasota, FL 34234  
 (T) 1.800.747.1762 • (F) 1.800.487.9915  
 (T) 1.941.309.6000 • (F) 1.941.309.6099

### Ontario & Western Canada

10-6665 Tomken Rd., Mississauga, ON L5T 2C4  
 (T) 1.800.407.6195 • (F) 1.800.407.8965  
 (T) 1.905.696.9241 • (F) 1.905.696.9236

### Québec & Atlantic Provinces

50 Kanaflikt Way, Bouctouche, NB E4S 3M5  
 (T) 1.800.565.3548 • (F) 1.800.747.8116  
 (T) 1.506.743.9500 • (F) 1.506.743.9600

web: [www.fantech.net](http://www.fantech.net)  
 e-mail: [info@fantech.net](mailto:info@fantech.net)

Art.#: 600656  
 US #KHP6 - 0803  
 Rev Date: 081803