**Model FC200HRV Heat Recovery Ventilator**
70 CFM (33 L/s) to 220 CFM (104 L/s)
Part No. 60510006200

**FEATURES**
- 3 operating modes (Intermittent, Continuous & High)
- 100% variable speed
- ISF™ 6" (152.5 mm) dia. collar system
- Proportional defrost sequence
- SPM™ Single Person Mounting system
- Permanent lubrication of PSC motors

**APPLICABLE REQUIREMENTS**
- HVI Certified
- CSA C439 Standard - Packaged Heat/Energy Recovery Ventilators (HRV/ERV)
- CSA Standard CSA 22.2 N:113-10 - Fans and ventilators
- UL Standard 1812 2nd Ed. Ducted Heat/Energy Recovery Ventilators (HRV/ERV)

**OPTIONAL ACCESSORIES**
- MERV 8 Inline 6" (152.5 mm) filter box
- R-2 Style high performance supply & exhaust ventilation hoods

**CABINET**
- 20 gauge galvanized pre-painted steel corrosion resistant
- Cabinet liner: Molded Expanded Polystyrene (EPS)
  Rated UL94 HF-1

**ELECTRONIC COMPONENTS**
- Electrical Input Voltage: 120 VAC/60Hz / 1-Phase.
- Electrical Input Current: 1.5 Amps Max
- Circuit output voltage: 5VDC nominal
- Integrated auxiliary furnace interlock relay
- Rohs compliant

**MOTORS**
- Two permanent sealed, lubricated variable speed PSC Motors. (Maintenance free)
- Maximum RPM 2695 / Horsepower; 3/32 HP. Class F, thermally protected
- CSA 22.2 #113-10, clause 8.3.5 – Backup protection – totally enclosed motor

**POLYPROPYLENE HRV CORE**
- Dimensions 12"x12"x15" depth
  (304.8 mm x 304.8 mm x 381 mm)
- Corrugated cross-flow polypropylene layers, rated UL94 HB & HF-1
- Cross-flow that transfers sensible heat
- Endure harsh temperatures; effective in cold climates
- Water washable

**DUOTROL™ BALANCING SYSTEM**
- The system is balanced by adjusting each motor independently
- No balancing dampers required
- Connection terminals for optional wall controls
- Quiet and energy efficient

**DEFROST**
- Advanced Proportional supply fan shut down defrost sequence
- Defrost type: Evacuation
  Activated automatically at -5°C (23°F)

**DUCT CONNECTIONS**
- Insert Slide & Fix (ISF™), removable collars system
- Four (4) 6” (152.5 mm) dia. round double collar.

**MOUNTING**
- Adjustable mounting strap system

**FILTERS**
- Two (2) Fiberbond washable – 11 11/16” x 14 3/4” x 5 3/8”
  (297 mm x 375 mm x 15.9 mm)
- UL Class 2

**WARRANTY**
- 5 year limited warranty
- Visit fieldcontrols.com/warranty for complete warranty statement

**AIRFLOW**

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Customer Service: 252 522-3031
Fax: 1 (800) 367-7942
Visit us at: www.fieldcontrols.com

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**ENGINEERING DATA FC200HRV**

**SPECIFICATIONS FC200HRV**

- **Dimensions:** 29½" x 22½" x 16½"  
  (749.3 mm x 571.5 mm x 419.1 mm)
- **Duct Connections:** Four (4) 6" (152.5 mm) dia. ISF double collar system
- **Airflow Rates:** 70 CFM (33 L/s) to 220 CFM (104 L/s)
- **Motor:** Two (2) PSC variable speed backward curved
- **Voltage:** 120 VAC @ 60 Hz / 1 Phase
- **Amperage:** 1.5 A / 142 watts
- **Type of heat exchanger:** Cross-flow polypropylene
- **Exchange surface:** 150 ft² (13.9 m²)
- **Defrost type:** Evacuation
- **Filters:** Two (2) Fiberbond washable
- **Drain Connection:** ½" (12.7 mm)
- **DuoTrol:** Integrated Balancing System
- **Actual Weight:** 51 lbs (23.1 Kg)
- **Shipping Weight:** 58.5 lbs (26.5 Kg)
- **Certification:** HVL, cCSA, CSA 22.2 N°:113
  Complies with UL 1812

**OPTIONAL WALL CONTROLS**

- **Mechanical:** RD1 Part # 60510010030
  RD4P Part # 60510010031
- **Timers:** T3 Part # 60510010050  
  (20, 40, 60 minutes)

**WALL CONTROL DIMENSIONS**

- **Mechanical:**
- **T3 Timer:**

**DIMENSIONS DATA**

**Front View**

- 21.6" 547.9 mm  
  152.5 mm
- 23.9" 606.3 mm

**Top View**

- 5" 126 mm
- 8.2" 207.8 mm

**MINIMUM CLEARANCE DATA**

**Front View**

- Minimum plug clearance
- Minimum clearance for drain fitting
- Recommended minimum clearance for “P” trap of 10" (254 mm)

**Wall**

- 3" 76.2 mm
- 15° 381 mm

**Top View**

- Minimum door clearance
- 17° 431.8 mm

**VENTILATION PERFORMANCE**

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**ENERGY PERFORMANCE**

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**HEATING**

**Vents:** 17" (431.8 mm)

**Quoted by:**

**Date:**

**Project:**

**Quantity:**

**Model:**

**Site:**

**Architect:**

**Engineer:**

**Contractor:**