

ER150B2006 and ER200B2006 Energy Recovery Fresh Air Ventilation Systems

SPECIFICATION DATA



FEATURES AND BENEFITS

- **Advanced Enthalpic Heat and Moisture Recovery Fixed Core.** Robust, high performance, reliable design transfers heat and moisture between the exhaust and fresh air streams, reducing the load on the air conditioner or furnace.
- **Integral Balancing Dampers:** For quick installation.
- **Low Voltage, High-Speed Override.** A simple contact closure steps up the blower speed to high when high demand ventilation is required. Can be connected to the Digital Fan Timer or the Energy Recovery Ventilator outputs on the Perfect Climate Comfort Center™ (see ventilation data in 68-0171 for hook-up diagrams).
- **4-Speed Fan Control.** Multi-level blower provides control of the amount of ventilation.
- **Automatic Built-in Defrost.** Activates automatically to prevent the core from freezing.
- **Includes Mounting Hardware.** Vibration isolation mounting hardware is provided to reduce vibration.
- **Insulated Cabinet with Duct Collars.** Rugged steel cabinet is insulated to reduce blower noise. Duct collars provide easy connection of insulated and non-insulated duct work.
- **Permanent (Washable) Filters.** Filters are provided to protect the core from contaminants in the air stream. Filters are washable.

APPLICATION

The ER150 and ER200 Perfect Window™ Fresh Air Ventilation Systems provide proper levels of ventilation with energy savings by transferring heat and moisture between the exhaust and fresh air streams.

SPECIFICATIONS

Efficiency Rating:

Sensible Efficiency: 110 cfm at 21°F (16°C) is 79% (performance per CAN/CSA-C439-88).

Moisture Transfer Ratio:

26%.

Air Movement:

At 0.2 in. wc external static pressure.

ER150B: 150 cfm.

ER200B: 200 cfm.

Install Weight

ER150B: 70 lb (32 kg).

ER200B: 87 lb (40 kg).

Approvals:

Canadian Standards Association: Approved.

ETL: Certified to UL1812.



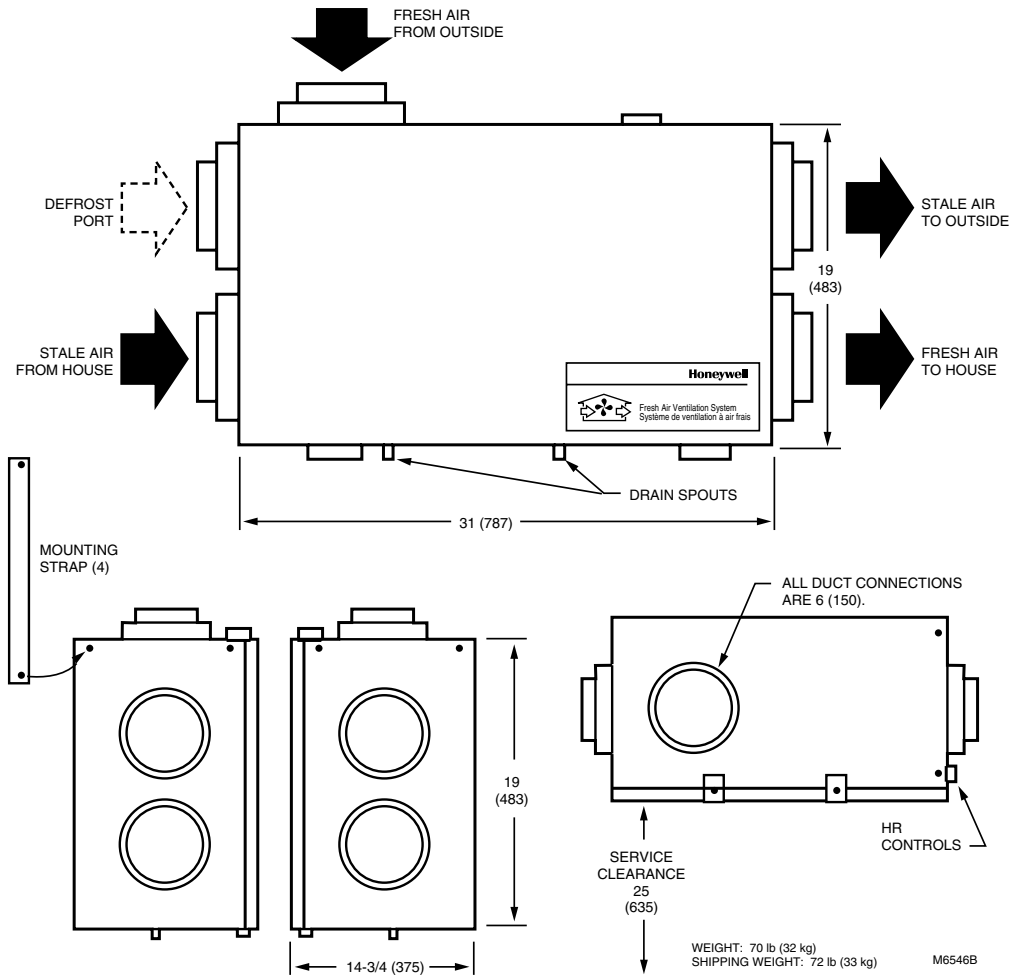
Electrical Consumption:

Mode	Nominal Current (Amps)	
	ER150	ER200
Minimum speed	0.7	0.8
Maximum speed	1.7	1.7

Electrical Rating:

Power Rating: 120 Vac, 60 Hz.

Dimensions in in. (mm):



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