



LIGHT COMMERCIAL E240-Ri Energy Recovery Ventilator

PRODUCT
SPECIFICATIONS
& TECHNICAL
DATA



PLATE EXCHANGER

Standard: Polymeric Membrane
(Sensible and latent heat transfer)

Quantity: 1

Pitch: 0.10" (2.5 mm)

Dimensions: 12" x 12" x 15"
(305 mm x 305 mm x 381 mm)



CASING

Material: Painted galvanized steel 24GA
Insulation: 1" (25 mm) Fiberglass with FSK
Drain Connection: Ø 3/8" (Ø 10 mm)
Duct Diameter: 6" (152 mm)
Width: 31" (787 mm)
Height: 21-3/4" (552 mm)
Depth: 17-1/16" (433 mm)
Unit Weight: 62 lbs (28 kg)
Shipping Weight: 70 lbs (32 kg)

PRODUCT DESCRIPTION

The E240-Ri energy recovery ventilator provides high-efficiency sensible and latent heat recovery in a compact, affordable package. The unit uses a robust, polymeric membrane core that can withstand a wide range of environmental conditions. The E240-Ri produces approximately **215 CFM** at 0.20 in.w.g (ESP), making it ideal for small commercial applications.

The E240-Ri has two exclusive features. EvacMAX™ provides on-demand boost for maximum ventilation. With FLEXControl, airflow circuits can be calibrated electronically, eliminating the need for resistance-inducing balancing dampers and improving overall efficiency.

KEY FEATURES

- Electronically and independently adjustable supply and exhaust blowers (FLEXControl)
- Non-dust-loading backward-inclined impellers on totally enclosed motors
- Easy access to core and filters for cleaning
- Extremely durable core
- Standard aluminum filters and optional carbon or high-efficiency/MERV 13 equivalent filters
- Multiple low-voltage controller options
- Recirculating defrost protects the core from freezing without putting the building into negative-pressure

APPROVALS

Meets Standards:

- UL 1812 and C22.2 no113

Listed:



MOUNTING

Suspended by chains with vibration-isolating springs

BLOWERS

Quantity: 2

Type: Backward-inclined motorized impeller, direct-drive PSC, variable speed, external rotor

FILTERS

Number: 2

Type: Aluminum (P/N: 612266)

Optional: Carbon (P/N: 612264), or High Efficiency/MERV13 Equivalent (P/N: 612265)

ELECTRICAL REQUIREMENTS

120 VAC, 60 Hz, 2.1 A, 252 W

Cord Set: 48" (1219 mm) with ground

FROST CONTROL

Recirculation cycles controlled by a temperature sensor when outdoor temperatures fall below 14°F (-10°C).

CONTROLS

Low-voltage (24 VAC) for:

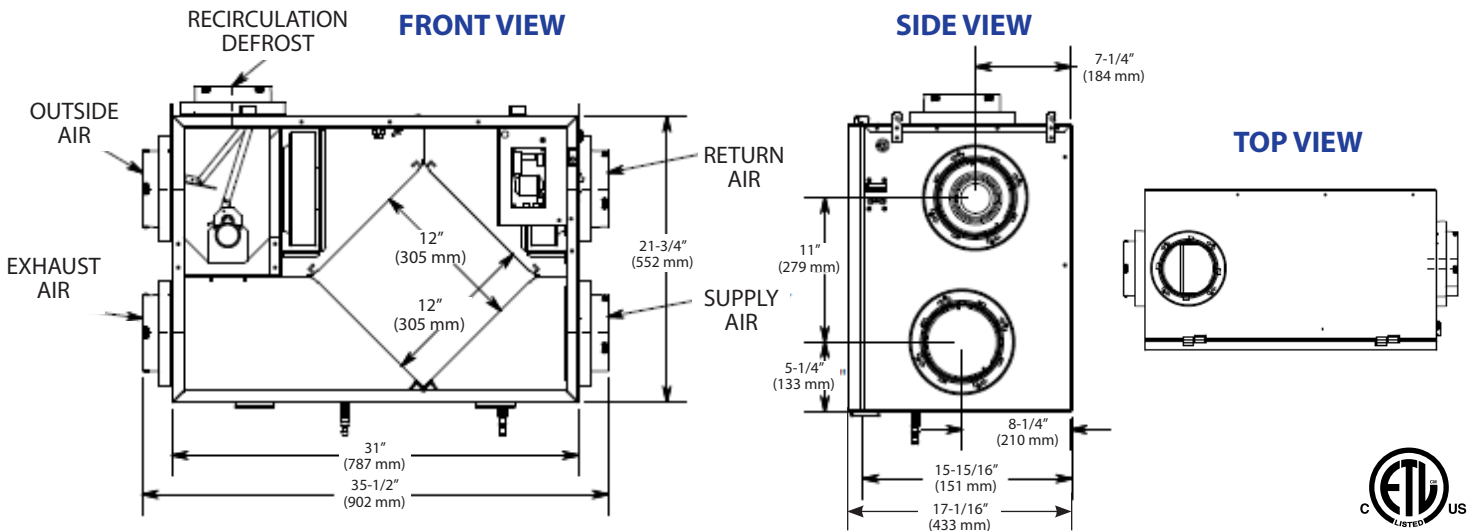
- Digital Multifunction Control (P/N: 611242)
- Mode Control (P/N: 611230)
- Humidity Control (P/N: 611224)
- Speed Control (Low/Intermittent/High) (P/N: 611229)
- 20/40/60 Minute Timer (P/N: 611228)

WARRANTY

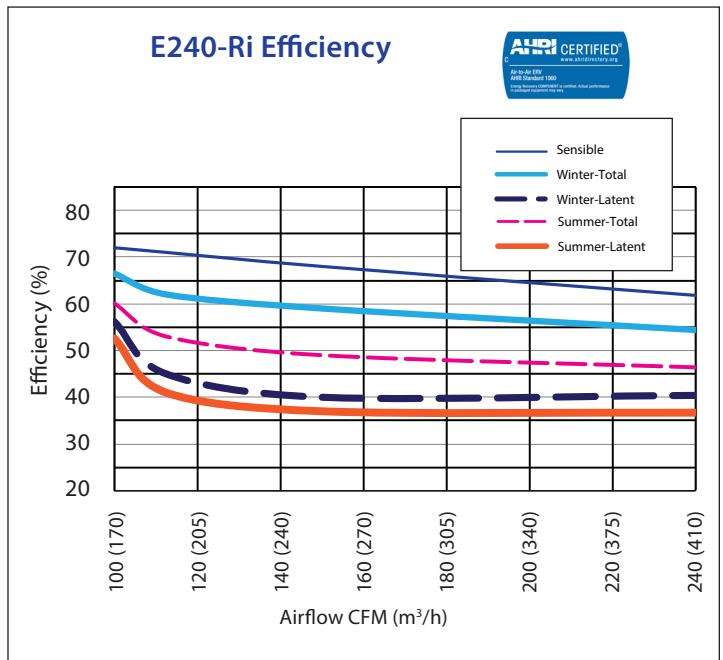
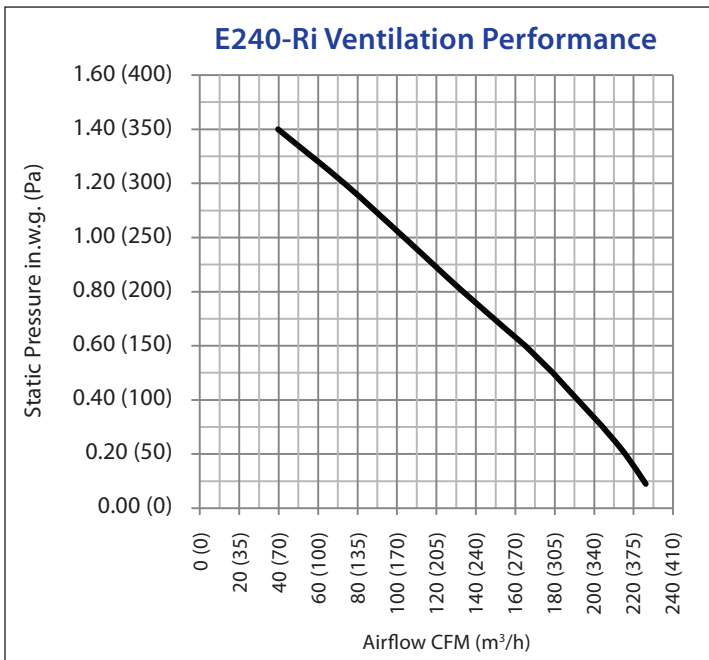
Core Assembly: Limited 5-year warranty

All Other Covered Components: Limited 5-year warranty

Dimensions



Performance



Project:		Architect:	
Location:		Engineer:	
Model #:		Contractor:	
Quantity:		Comments:	
Submitted By:			
Date:			

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