



AEROMATIC™ SERIES MULTI-FAMILY E130-HR Energy Recovery Ventilator

PRODUCT
SPECIFICATIONS
& TECHNICAL
DATA



PRODUCT DESCRIPTION

Compact size, large performance – the Aeromatic™ Series E130-HR energy recovery ventilator produces approximately **133 CFM** at 0.20 in.w.g (ESP) and recovers sensible and latent heat through its high-latent-transfer membrane core. The E130-HR has been thoughtfully engineered for simple installation in apartments, condos, and other multi-dwelling applications. At a mere 9-1/4" tall, the unit fits easily into low spaces.

The E130-HR 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)
- Forward-inclined impellers on totally enclosed motors
- Horizontal configuration for flexible installation
- Easy access to core and filters for cleaning
- Multiple low-voltage controller options

WARRANTY

Core Assembly: Limited 2-year warranty

All Other Covered Components: Limited 5-year warranty

APPROVALS

Meets Standards:

- C22.2 no113 and UL 1812



CASING

Material: Pre-painted 24-gauge galvanized steel
Duct Diameter: Ø 5" (Ø 127 mm)
Insulation: 1" (25 mm) Fiberglass with FSK and polystyrene
Width: 24-1/8" (613 mm)
Height: 9-1/4" (235 mm)
Depth: 22-1/4" (565 mm)
Weight: 35 lbs (16 kg); Shipping Weight: 41 lbs (19 kg)
Supply Damper: Motorized; Exhaust Damper: Gravity

MOUNTING

- Suspended from the ceiling by chains with vibration-isolating springs
- In the ceiling with an access panel

RECOVERY CORE

Material: High-latent-transfer membrane

BLOWERS

Quantity: 2

Type: Motorized impellers (forward-inclined)

ELECTRICAL REQUIREMENTS

120 VAC, 60 Hz, 1.6 A, 180 W

Cord Set: 27" (686 mm) with ground

CONTROLS

Low voltage (24VAC) for:

- LCD Electronic Multifunction Control (P/N 611227)
- Mode Control (Recirculation) (P/N 611230)
- Humidity Control (P/N 611224)
- Speed Control (Low/Intermittent/High) (P/N 611229)
- 20/40/60 Minute Timer (P/N 611228)

FROST CONTROL

- Automatic timed recirculation
- Cycles controlled by a temperature sensor when the outdoor temperature drops below 14°F (-10°C)

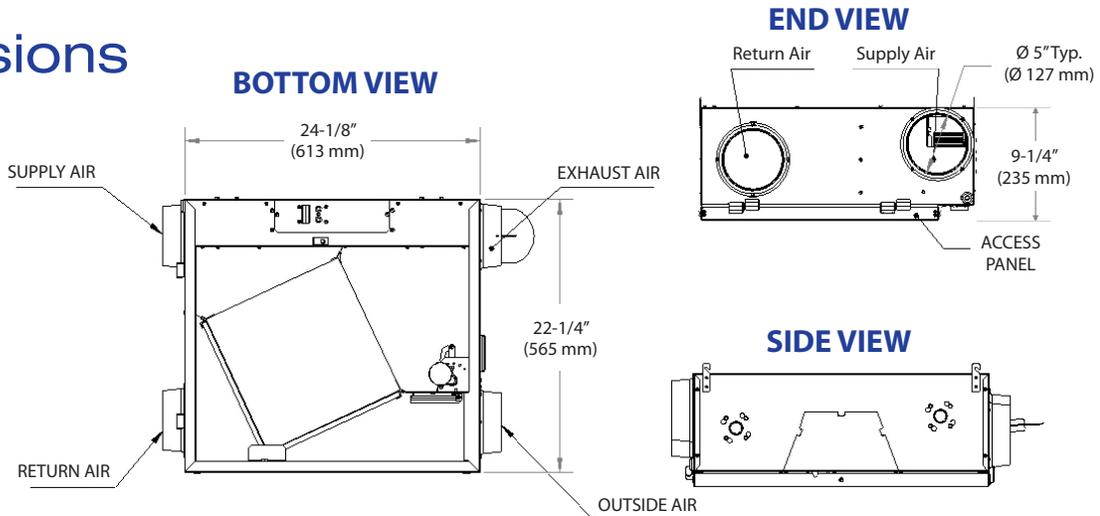
FILTERS

Quantity: 2

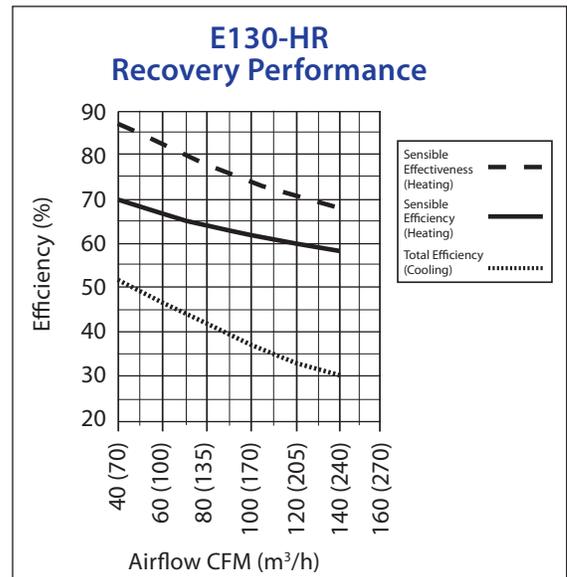
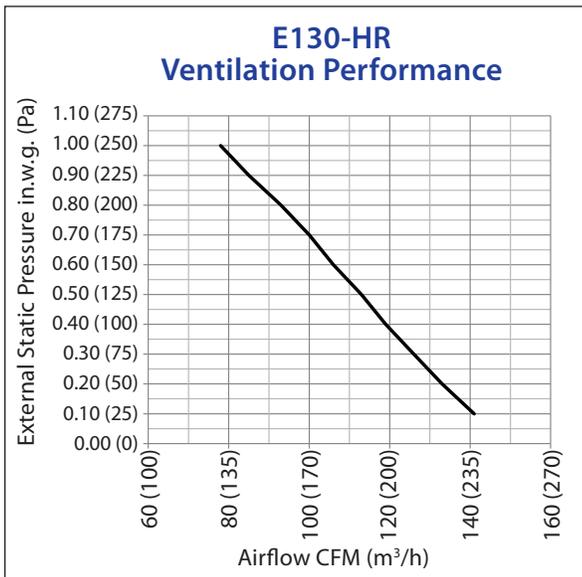
Type: Washable Foam 20 ppi (P/N: 612405)

Optional: Aluminum (P/N: 612404), Carbon (P/N: 612406), or High Efficiency/MERV13 Equivalent (P/N: 612407)

Dimensions



Performance



Recovery Performance								
Outside Air Temperature		Net Airflow		Power Consumed (W)	Sensible Recovery Efficiency	Apparent Sensible Effectiveness	Latent Recovery/Moisture Transfer	Total Recovery Efficiency
°F	°C	CFM	L/s					
Heating								
32	0	50	24	86	69%	85%	62%	-
32	0	76	36	114	64%	77%	55%	-
32	0	102	48	146	62%	73%	51%	-
-13	-25	48	23	90	59%	79%	55%	-
Cooling								
95	35	51	24	86	40%	-	54%	49%



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