



InspirAIR™ COMPACT H130-HRG

Heat Recovery Ventilator

PRODUCT
SPECIFICATIONS
& TECHNICAL
DATA



PRODUCT DESCRIPTION

The ideal in-suite ventilation solution for high-rise construction, the H130-HRG delivers ENERGY STAR® Qualified (Canada) performance in a compact, easy-to-install package only 9-1/4" in height. Easily concealed in a drop-ceiling or soffit, the H130-HRG has been thoughtfully engineered for apartments, condos, and all dwellings that use concrete-slab construction. The H130-HRG produces approximately **120 CFM** at 0.20 in.w.g (ESP), enough for even the largest units in multi-family construction.

The H130-HRG includes Aldes' exclusive EvacMAX™ on-demand boost for maximum ventilation, and FLEXControl, electronic calibration that eliminates the need for balancing dampers and improves overall efficiency.

KEY FEATURES

- Electronically and independently adjustable supply and exhaust blowers (FLEXControl)
- Backward-inclined impellers on totally enclosed motors
- Horizontal configuration for flexible installation
- Easy access to core and filters for cleaning
- Extremely durable core
- Multiple low-voltage controller options

APPROVALS

Meets Standards:

- C22.2 no113 and UL 1812
- HVI Certified
- ENERGY STAR®

CASING

Material: Pre-painted 24-gauge galvanized steel
Drain Connection: Ø 3/8" (Ø 10 mm)
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: 22-3/4" (578 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: Polypropylene

BLOWERS

Quantity: 2

Type: Motorized impellers (backward-inclined)

ELECTRICAL REQUIREMENTS

120 VAC, 60 Hz, 1.3 A, 180 W

Cord Set: 27" (686 mm) with ground

CONTROLS

Low voltage (24 VAC) for:

- LCD Electronic Multifunction Control (P/N: 611227)
- Digital Multifunction Control (P/N: 611242)
- 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 23°F (-5°C)

FILTERS

Quantity: 2

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

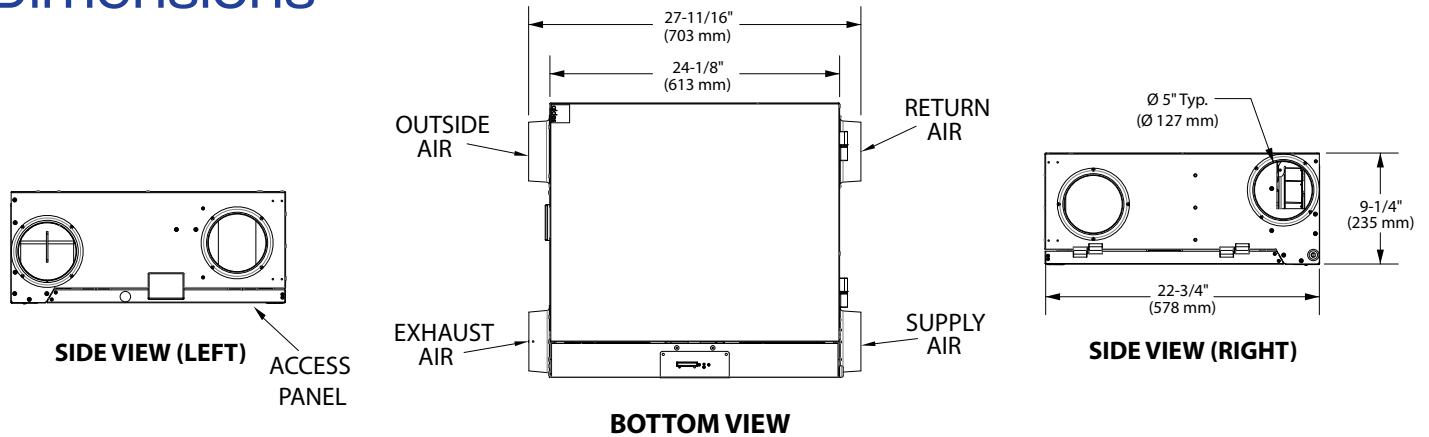
Optional: Aluminum (P/N: 612404), Carbon (P/N: 612406), or High Efficiency/MERV13 Equivalent (P/N: 612407)

WARRANTY

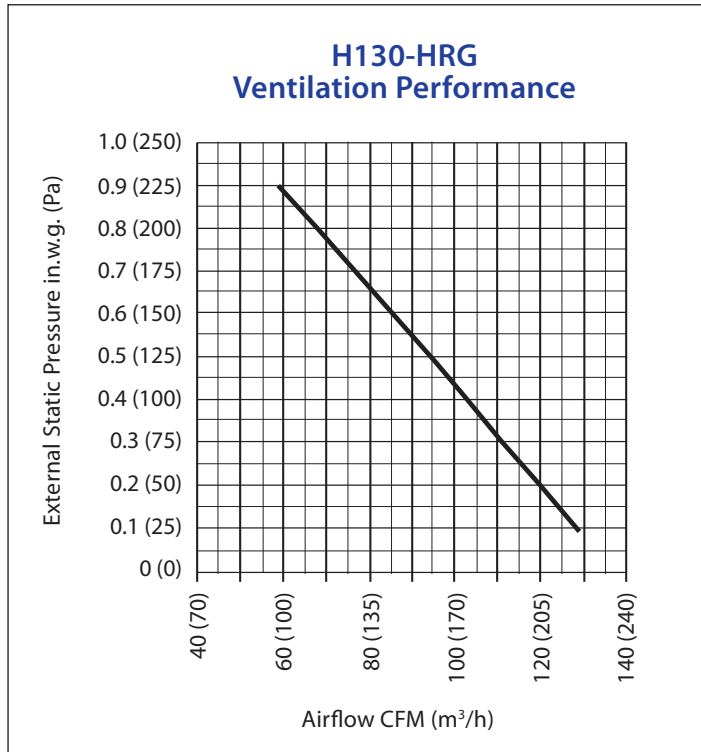
Core Assembly: Limited lifetime warranty

All Other Covered Components: Limited 5-year warranty

Dimensions



Performance



Recovery Performance						
Supply Temperature		Net Airflow		Power Consumed (W)	Sensible Recovery Efficiency	Apparent Sensible Effectiveness
°F	°C	CFM	L/s			
32	0	55	26	46	69%	78%
32	0	66	31	52	66%	75%
32	0	101	48	92	61%	69%
-13	-25	68	32	76	60%	76%



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

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