



INSPIRAIR® COMPACT

ERV

E130-HR-M

ENERGY RECOVERY VENTILATOR
135 CFM at 0.20 in.w.g (ESP)

Made in
Canada

5 year
Warranty

5 year
Warranty

UNIT CORE



Recovery Core

Material: High-latent-transfer (HLT)

Casing

Material: Pre-painted 24-gauge galvanized steel

Drain Connection: None

Duct Connections: 5" (127 mm)

Insulation: 1" (25 mm) Fiberglass with FSK and polystyrene

Length: 24-1/8" (613 mm)

Height: 9-1/4" (235 mm)

Width: 22-1/4" (565 mm)

Weight: 35 lbs (16 kg); Shipping Weight: 41 lbs (19 kg)

Supply Damper: Motorized; Exhaust Damper: Gravity



Mounting

Ceiling mount brackets (included) and optional chains (P/N 609051)



Electrical requirement

120 VAC, 60 Hz, 1.6 A, 192 W

Cord Set: 27" (686 mm) with ground



Frost control

Automatic timed recirculation

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



Filters

Type : 2 Washable Foam 20 ppi (P/N 612405)

Optional (sold separately): Washable MERV8 (P/N 683961),
or High Efficiency/MERV13 Equivalent (P/N 612407)



Blowers

Two motorized impeller (forward-curved)

PRODUCT DESCRIPTION

The ideal in-suit ventilation solution for high-rise construction, the E130-HR-M delivers exceptional performance in a compact, easy-to-install package only 9-1/4" in height. Easily concealed in a drop-ceiling or soffit, the E130-HR-M has been thoughtfully engineered for apartments, condos, and all dwellings that use concrete-slab construction. The E130-HR-M produces approximately **135 CFM** at 0.20 in.w.g (ESP), enough for even the largest units in multi-family construction.

The E130-HR-M includes Aldes' exclusive FLEXControl, electronic calibration that eliminates the need for balancing dampers and improves overall efficiency. Cold Supply Air Prevention (CSAP) stops air distribution to the dwelling for 135-minute cycles if the supply air temperature is below freezing, reducing the risk of damage to downstream equipment.

KEY FEATURES

Electronically and independently adjustable supply and exhaust blowers (FLEXControl)

Forward-curved impellers on totally enclosed motors

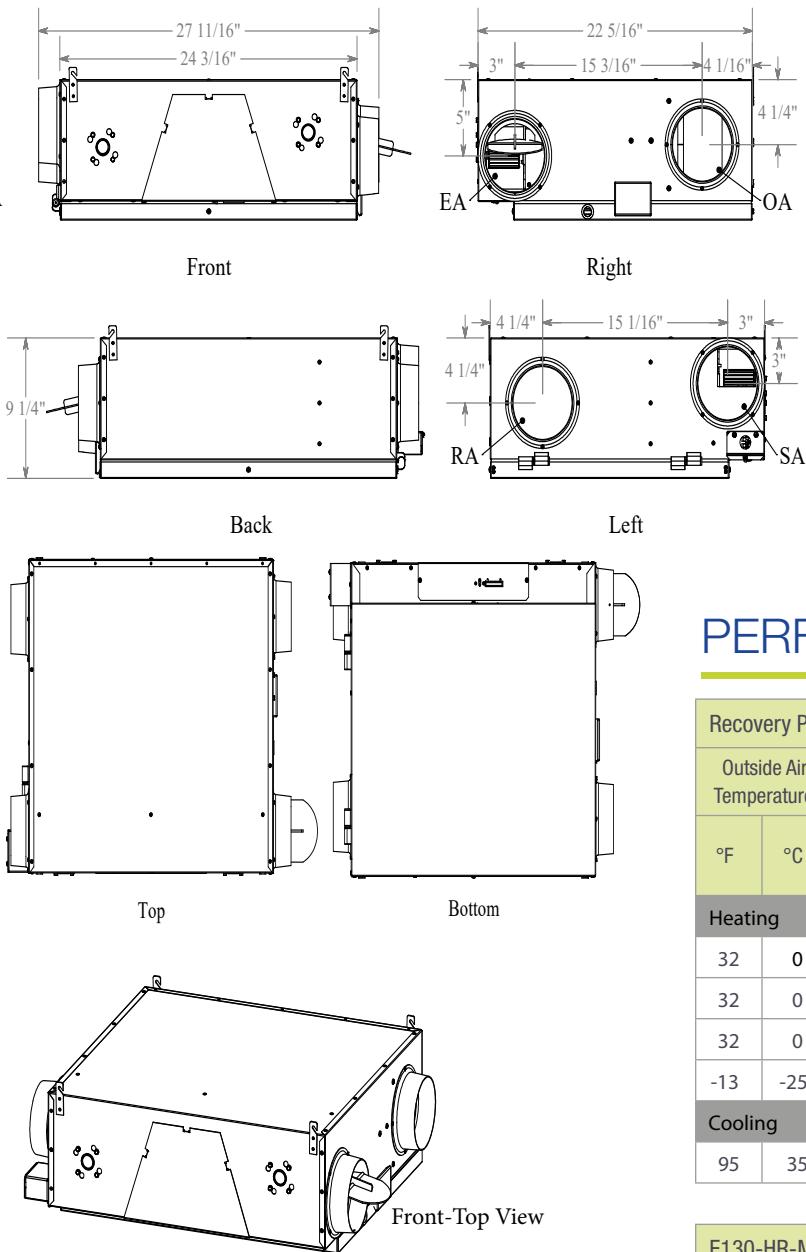
Horizontal configuration for flexible mounting

Drainless for simplified installation

Easy access to core and filters for cleaning

Multiple low-voltage controller options

DIMENSIONS



CONTROLS

Low voltage dry contact (24VAC) for interlock with heating/cooling systems.



Digital Multifunction Control
(P/N 611242-FC)



LCD Electronic Multifunction Control
(P/N 611227)



20/40/60 Minute Timer
(P/N 611228)

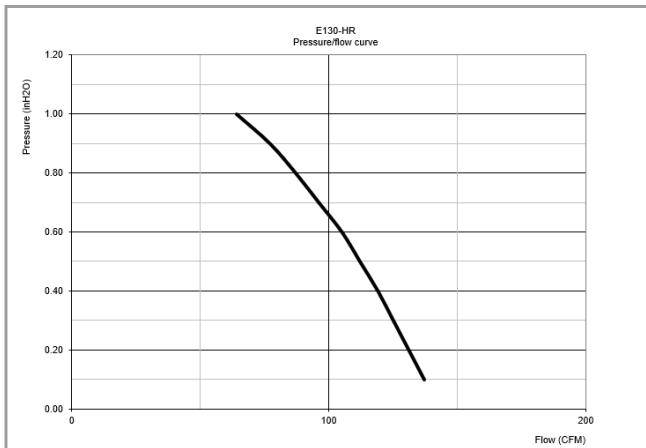


Speed Control (Low/Intermittent/High)
(P/N 611229)

PERFORMANCE

Recovery Performance – E130-HR-M									
Outside Air Temperature		Net Airflow		Power Consumed (W)	Sensible Recovery Efficiency	Adjusted Sensible Recovery Efficiency	Latent Recovery / Moisture Transfer	Total Recovery Efficiency	
°F	°C	CFM	L/s						
Heating									
32	0	51	24	60	71%	79%	67%	--	
32	0	65	31	76	67%	75%	62%	--	
32	0	100	47	132	61%	69%	54%	--	
-13	-25	53	25	88	55%	59%	57%	--	
Cooling									
95	35	51	24	64	--	--	47%	48%	

E130-HR-M-N Ventilation Performance



OPTIONAL FILTERS (SOLD SEPARATELY)

MERV8: add 0.1" w.g.

High Efficiency: add 0.2" w.g.

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

For more information, contact your Aldes sales advisor, visit aldes-na.com, call 1.800.255.7749, or find us on

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