



InspiraIR® FRESH

ERV

EK120-HF-N

50 to 97 CFM at 0.4 in.w.g



UNIT

CORE



PLATE EXCHANGER

Polymeric membrane counter-flow ERV

CASING (Standard)

Material: 24-gauge galvanized steel

Drain connections: none

Duct connections: 5" (127 mm)

Insulation: Polystyrene

Length: 32-1/8" (816 mm)

Height: 9-7/8" (251 mm)

Width: 23-1/8" (587 mm)

Weight: 53 lbs (24kg)

Exhaust Damper: Closed by gravity



MOUNTING (Standard)

Ceiling mounting bracket included

Mounting chains optional



ELECTRICAL & CONTROLS (Standard)

120 VAC, 60 HZ, 207 W, 1.94 A



FILTERS

(Standard)

Quantity: 1 supply, 1 exhaust

Supply Filter Type: Washable MERV 8 (No. 200607116)

Exhaust Filter Type: Washable Foam (No. 200607630)

(Optional: Sold Separately)

MERV 13 Filters (substitute on supply air circuit only)

(No. 200607117)



BLOWERS & MOTORS

Two motorized impellers (forward-curved)

PSC motor



FROST PREVENTION/CONTROL

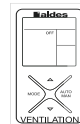
Automatic timed integral exhaust defrost: cycles are controlled by a temperature sensor when the outdoor temperature drops below 10.4°F (-12°C)

WARRANTY

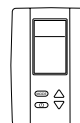
Limited 5 years on the cores and all covered components.

WALL CONTROLS

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



Digital Multifunction Control (No. 200500242_FC)



LCD Electronic Multifunction Control (No. 200500227)



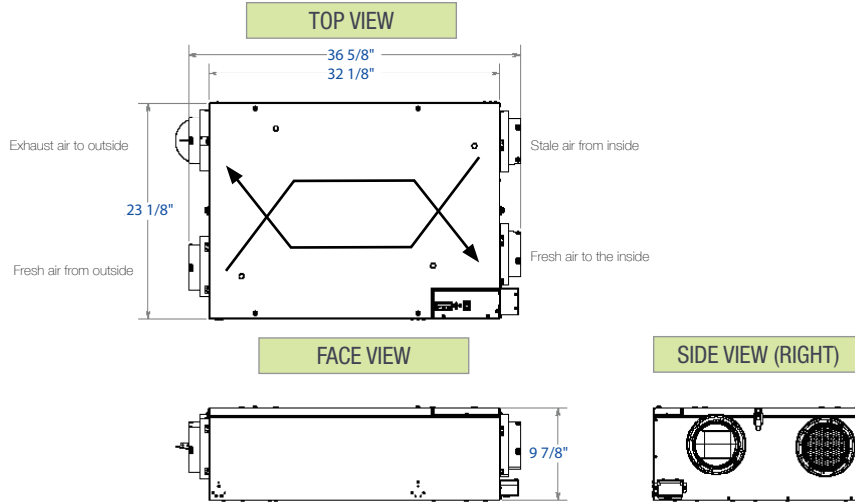
20/40/60 Minute Timer (No. 200500228)



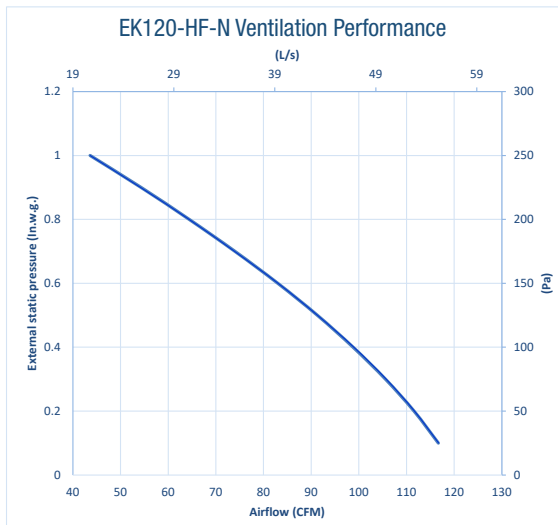
Speed Control (Low/Intermittent/High) (No. 200500229)



Mode Control (Recirculation) (No. 200500230)



EK120-HF-N: PERFORMANCE



Thermal Performance – EK120-HF-N								
Supply 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	50	23	72	72%	82%	73%	--
32	0	64	30	88	71%	81%	72%	--
14	-10	66	31	92	72%	78%	70%	--
Cooling								
95	35	50	23	74	--	--	73%	62%

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

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

