InspirAIR® ELITE ERV

EK125-TQG

130 CFM at 0.4 in.w.g

MADE IN CANADA | 5-YEAR WARRANTY UNIT | 5-YEAR WARRANTY CORE | PATENT PENDING

HVI CERTIFIED 2100 | ENERGY STAR | Intertek C22.2 no113 UL 1812

PLATE EXCHANGER
High-efficiency polymeric membrane counter-flow ERV

CASING (Standard)
Material: 24-gauge galvanized steel
Drain connections: optional
Duct connections: 4" (102 mm)
Insulation: EPS molded polystyrene
Length: 23" (584.2 mm)
Height: 19" (482.6 mm)
Width: 16" (406.4 mm)
Weight: 52 lb (24 kg)
Exhaust Damper: Closed by gravity
Fresh air Damper: Motorized
Swivel ports for horizontal, vertical, oblique or mixed installations.

MOUNTING
Mounting chains included
Wall mounting optional (P/N 699921)

ELECTRICAL SPECIFICATIONS
120 V, 60 Hz, 187 W, 2.51 A

FILTERS
(Standard)
Quantity:
2 washable MERV 6 filters (P/N 699771)
Optional filter types: MERV 8 (P/N 699772), MERV 13 (P/N 699881)

BLOWERS & MOTORS
Two motorized impellers (backwards inclined)
Quick-connect motors for easy and efficient maintenance
PSC motor

DEFROST
Automatic Programmed Recirculation: Cycles are controlled by a temperature sensor when the outside temperature drops below 17.6°F (-8°C).

WARRANTY
Limited 5 years on the cores and all covered components.

WALL

Low voltage dry contact (24VAC) for interlock with heating and cooling systems. For more details, please refer to the wall control specification sheets.


Digital Multifunction Control (P/N 611242-FC)


LCD Electronic Multifunction Control (P/N 611227)

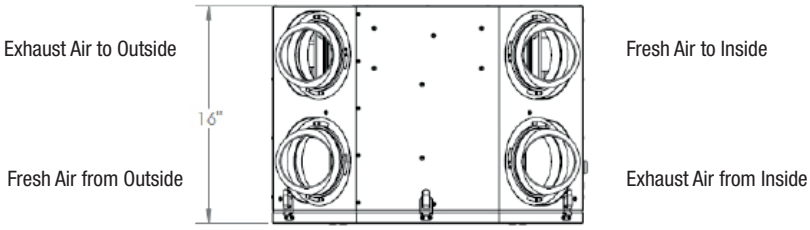

20/40/60 Minute Timer (P/N 611228)


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

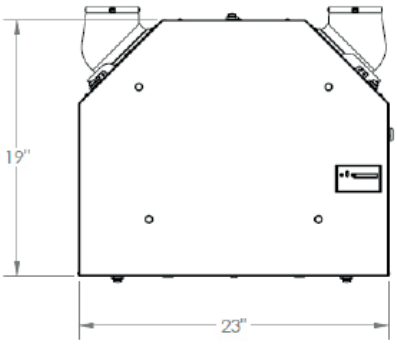

Mode Control (Recirculation) (P/N 611230)

aldes DIMENSIONS (IN-

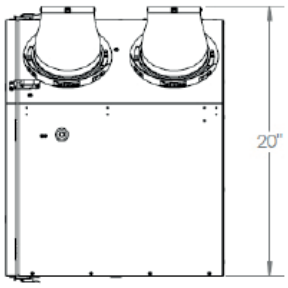
TOP VIEW



FRONT VIEW

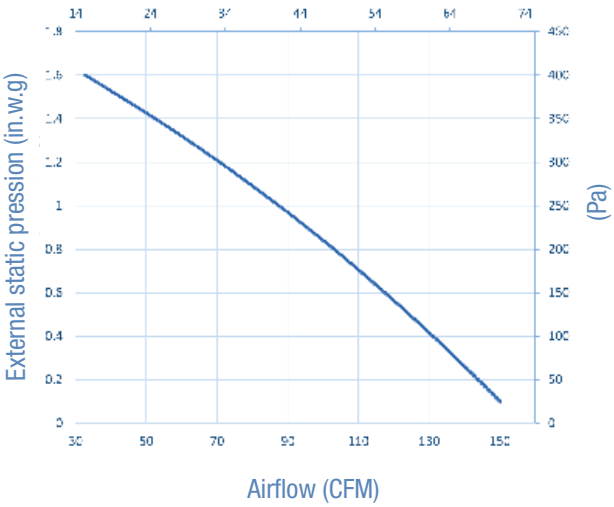


SIDE VIEW



EK125-TQG: PERFORMANCE

EK125-TQG Ventilation Performance



Thermal Performance – EK125-TQG								
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	36	17	56	87%	99%	95%	-
32	0	50	23	67	86%	95%	91%	-
32	0	64	30	77	84%	92%	87%	-
32	0	81	38	89	82%	90%	84%	-
-13	-25	82	38	136	71%	76%	77%	-
-13	-25	67	31	106	73%	77%	80%	-
Cooling								
95	35	64	30	80	-	-	84%	76%

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