



### 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 (No. 200400921)



### ELECTRICAL SPECIFICATIONS

120 V, 60 Hz, 187 W, 2.51 A



### FILTERS

(Standard)  
Quantity:  
2 washable MERV 6 filters (No. 200607771)  
Optional filter types: MERV 8 (No. 200607772)  
MERV 13 (No. 100607881)

# InspirAIR® ELITE ERV

## EK125-TQG

130 CFM at 0.4 in.w.g



UNIT

CORE



### 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 CONTROLS

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 (No. 200500242\_FC)



LCD Electronic Multifunction Control  
(No. 200500227)



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

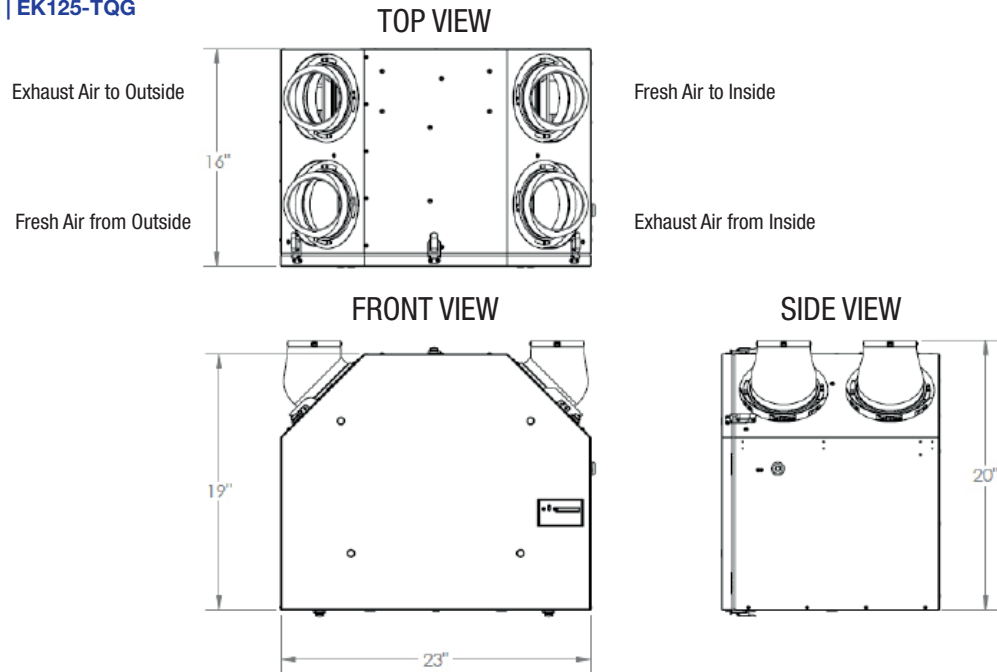


Speed Control (Low/Intermittent/High)  
(No. 200500229)



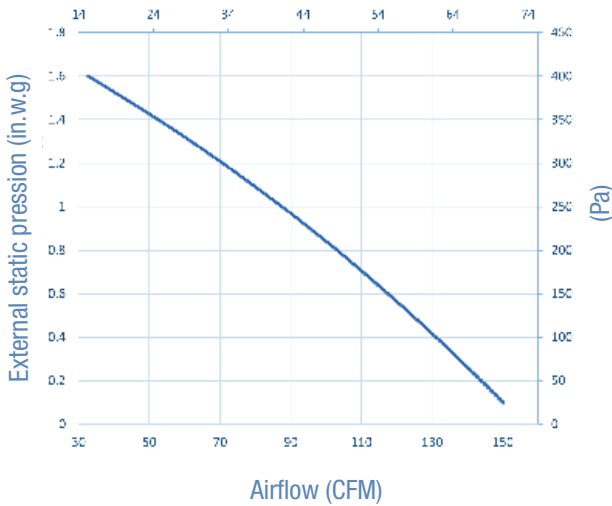
Mode Control (Recirculation) (No. 200500230)

# aldes DIMENSIONS (INCHES)



## 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					
<b>Heating</b>								
32	0	36	17	56	87%	99%	95%	-
32	0	49	23	67	86%	95%	91%	-
32	0	64	30	77	84%	92%	87%	-
32	0	81	38	89	82%	90%	84%	-
-13	-25	81	38	136	71%	76%	77%	-
-13	-25	66	31	106	73%	77%	80%	-
<b>Cooling</b>								
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](http://aldes-na.com), call 1.800.255.7749, or find us on

