faldes





PLATE EXCHANGER High Latent Transfer

CASING (Standard)

Material: 24-gauge galvanized steel Drain connections: optional Duct connections: 5" (127 mm) Insulation: EPS molded polystyrene Length: 23" (584.2 mm) Height: 19" (482.6 mm) Width: 16" (406.4 mm) Weight: 41 lb (19 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 70023) Optional filter types: MERV 8 (P/N 70024), MERV 13 (P/N 70025)

InspirAIR[®] ELITE

ERV

E170-TQG

171 CFM at 0.4 in.w.g



BLOWERS & MOTORS

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



ENTIL ATIO

DEFROST

Automatic Programmed Recirculation: Cycles are controlled by a temperature sensor when the outside temperature drops below -5°C (23°F)

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 (P/N 611242-FC)

04.5

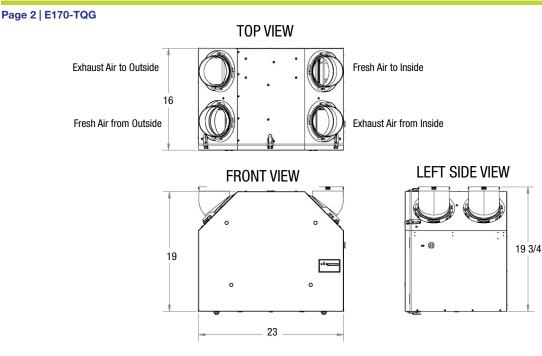
LCD Electronic Multifunction Control (P/N 611227)

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

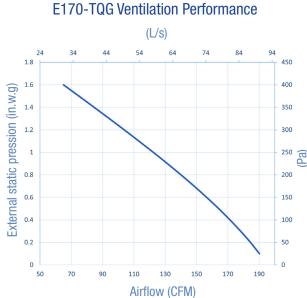
Speed Control (Low/Intermittent/High) (P/N 611229)

Mode Control (Recirculation) (P/N 611230)

fades DIMENSIONS (INCHES)



E170-TQG: PERFORMANCE



	Therma	Thermal Performance – E170-TQG									
	Supply Tem- perature		Net Airflow		Power Consu- med	Sensible Recovery	Adjusted Sensible	Latent Recovery/	Total Recovery		
	°F	°C	CFM	L/s	(w)	Efficiency	Recovery Efficiency	Moisture Transfer	Efficiency		
	Heating	Heating									
\$	32	0	36	17	60	78%	90%	76%	-		
-	32	0	50	23	70	75%	84%	71%	-		
	32	0	65	30	81	72%	80%	66%	-		
	32	0	80	37	102	69%	78%	63%	-		
	-13	-25	67	31	106	63%	67%	64%	-		
	Cooling										
	95	35	65	30	80	-	-	52%	51%		

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

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