ERV • E280-SRX

Light Commercial

269 CFM at 0.2 in.w.g

aldes
At the heart of buildings

MADE IN CANADA

5 YEARS WARRANTY Core

5 YEARS WARRANTY Other Parts

PRODUCT DESCRIPTION

The E280-SRX energy recovery ventilator provides high-efficiency energy recovery in a compact size. The unit uses a robust, high-latent transfer membrane core that can withstand a wide range of environmental conditions. The E280-SRX can exchange up to 269 CFM at 0.20 in.w.g (ESP), making it ideal for large home and small businesses applications.

TECHNICAL INFORMATION

Plate Exchanger
Material: High-latent-transfer (HLT)

Casing (Standard)
Material: Pre-painted 24-gauge galvanized steel
Insulation: 1” (25 mm) Fiberglass with FSK
Duct Connections: Ø 6” (Ø 127 mm)
Width: 31” (787 mm)
Height: 21-3/4” (552 mm)
Depth: 17-1/16” (433 mm)
Weight: 62 lbs (28 kg);
Shipping Weight: 71 lbs (32 kg)
Supply Damper: Motorized
Exhaust Damper: Gravity

Mounting
Suspended by chains with vibration-isolating springs

Electrical Requirements
120 VAC, 60 Hz, 2.60 A, 189 W
Cord Set: 48” (1219 mm) with ground

Filters (Standard)
Standard: Two MERV8 (P/N 700083)
Optional: Two Charcoal (P/N 300500264),
Two High Efficiency/MERV13 Equivalent (P/N 300500265)
Two Aluminum (P/N 300500266)

Blowers
Two backward-inclined motorized impeller, ECM, variable speed, external rotor

Frost Control
Recirculation cycles controlled by a temperature sensor when outdoor temperatures fall below 14°F (-10°C).

WALL CONTROLS

Low-voltage dry contact (24 VAC) to synchronize with the heating/cooling system. For more details, refer to the wall control spec sheets.

Digital Multifunction Control
(No. 200500242_FC)

LCD Electronic Multifunction Control
(No. 200500227)

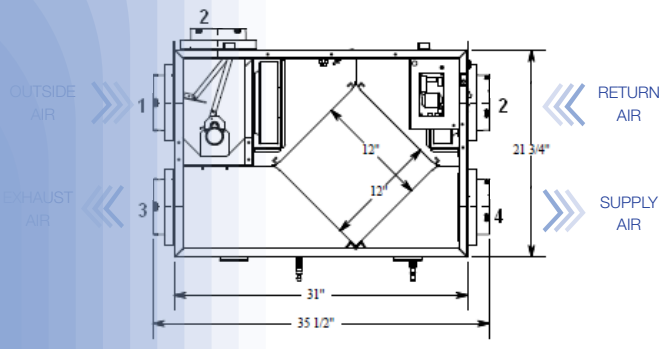
20/40/60 Minute timer
(No. 200500228)

Speed control
(low/intermittent/high)
(No. 200500229)

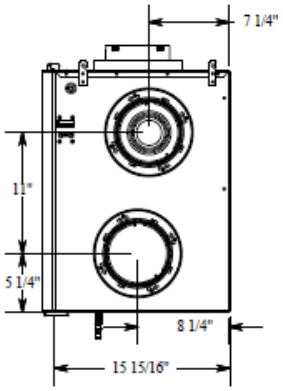
Mode Control
(recirculation)
(No. 200500230)

DIMENSIONS

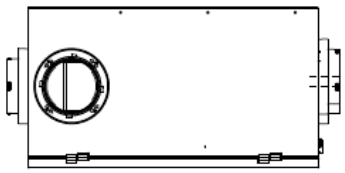
FRONT VIEW



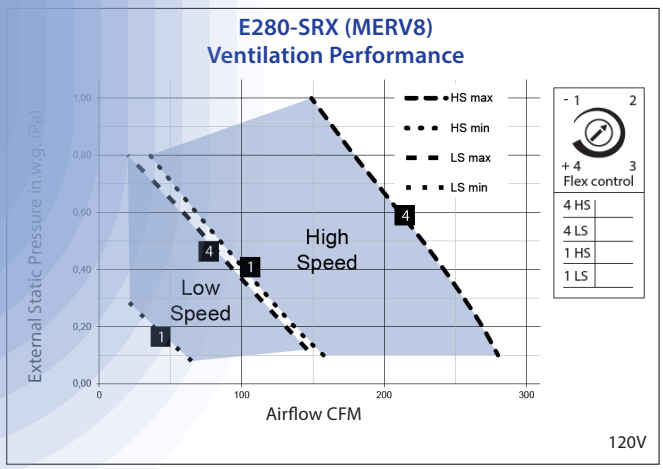
SIDE VIEW



TOP VIEW



PERFORMANCE



Supply Temperature		Net Airflow		Power Consumed (W)	Sensible Recovery Efficiency	Adjusted Sensible Recovery Efficiency	Latent Recovery
°F	°C	CFM	L/s				
Heating							
32	0	64	30	84	77%	86%	0.73
32	0	81	38	94	76%	84%	0.69
32	0	121	57	146	72%	80%	0.60
-13	-25	67	31	107	70%	75%	0.68
Cooling					TRE	ATRE	
95	35	81	38	94	57%	62%	0.58

YOUR PROJECT

Project :	
Location :	
Model # :	
Quantity :	
Submitted By :	
Date :	

Architect :	
Engineer :	
Contractor :	
Comments :	

For more information, contact your Aldes sales advisor,
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