



C22.2 no113
UL 1812



Air-to-Air ERV
AHRI Standard 1060

Single Recovery COMPONENT is certified. Actual performance
is determined by AHRI component test data.

PRODUCT DESCRIPTION

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

KEY FEATURES

- Electronically and independently adjustable supply and exhaust blowers (FLEXControl)
- Gauge ports on the door for fast and reliable airflow readings
- Non-dust-loading backward-inclined impellers on totally enclosed motors
- Twist-in collars for easy flex-duct attachment
- Easy access to core and filters for cleaning
- Durable High Latent Transfer enthalpy core has exceptional moisture transfer for increased comfort and no drain required.
- Recirculating defrost protects the core from freezing without putting the dwelling into negative-pressure

RESIDENTIAL

ERV

E280-SRG

ENERGY RECOVERY VENTILATOR
269 CFM at 0.20 in.w.g (ESP)

Made in
Canada

5 year
Warranty

5 year
Warranty
UNIT

CORE



Recovery Core

Material: High-latent-transfer (HLT)

Casing

Material: Pre-painted 24-gauge galvanized steel
Duct Connections: Ø 6" (Ø 127 mm)
Insulation: 1" (25 mm) Fiberglass with FSK
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

0-10
VOLT

Electrical requirement

120 VAC, 60 Hz, 2.89 A, 263 W
Cord Set: 48" (1219 mm) with ground



Frost control

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



Filters

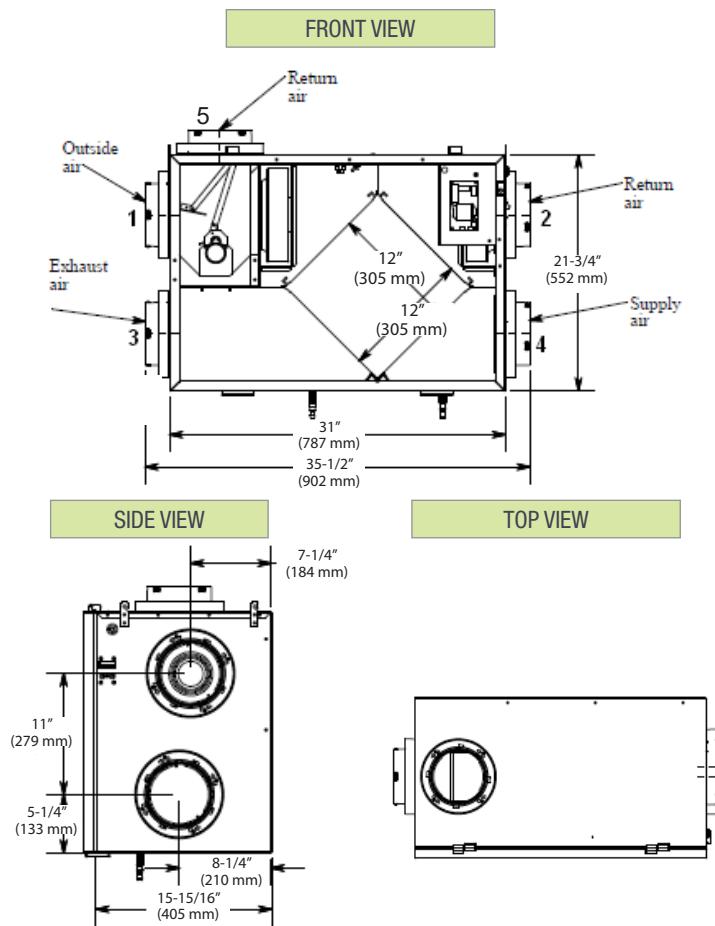
Type : Two Aluminum (P/N 612266)
Option (sold separately) :
High Efficiency/MERV13 Equivalent (P/N 612265)



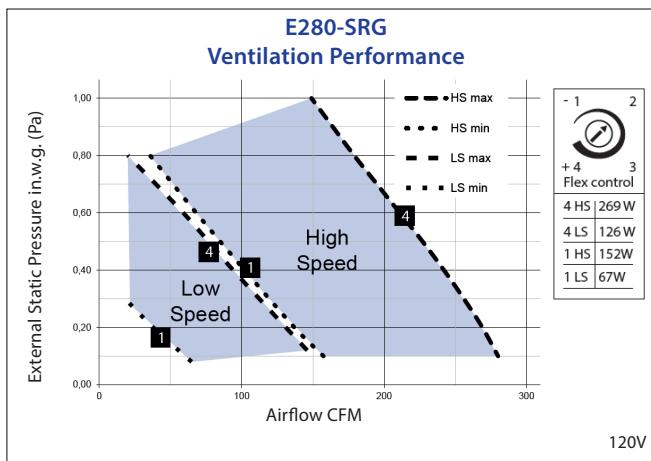
Blowers

Two backward-inclined motorized impeller, direct-drive PSC,
variable speed, external rotor

DIMENSIONS



PERFORMANCE



Supply Temperature °F	Supply Temperature °C	Net Airflow		Power Consumed (W)	Sensible Recovery Efficiency	Adjusted Sensible Recovery Efficiency	Latent Recovery
		PCM	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							
95	35	81	38	94	57	62	0.58

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

CONTROLS

Low voltage dry contact (24VAC) for interlock with reating/cooling systems.



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)

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

