RESIDENTIAL

ERV

E150-TRG

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

Made in Canada

5 year Warranty
UNIT

5 year Warranty
CORE

C22.2 no113
UL 1812

(Canada Only)

PRODUCT DESCRIPTION

Compact size, large performance – the E150-TRG energy recovery ventilator produces approximately 125 CFM at 0.2 in w.g. (ESP) and recovers sensible and latent heat through its high-latent-transfer core. The E150-TRG has been thoughtfully engineered for simple installation in and spacious houses.

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 collar snaps into pre-punched area of cabinet for ducting flexibility

Recovery Core

Material: High-latent-transfer membrane

Casing

Material: Pre-painted 24-gauge galvanized steel
Duct Connections: Ø 5” (Ø 127 mm)
Insulation: Molded EPS
Width: 23-1/8” (587 mm)
Height: 16-3/4” (425 mm)
Depth: 12-3/8” (314 mm)
Weight: 32 lbs (15 kg); Shipping Weight: 40 lbs (18 kg)
Supply Damper: Motorized

Mounting

Suspended by chains with vibration-isolating springs
Wall-mounting accessory available (P/N: 608575)

Electrical requirement

0-10 VOLT

120 VAC, 60 Hz, 1.85A, 145W
Cord Set: 48” (1219 mm) with ground

Frost control

Automatic timed recirculation, fifth port.
Cycles controlled by a temperature sensor when outdoor temperature drops below 14°F (-10°C)

Filters

FILTRATION

Type : MERV 6 (P/N 612409)
Option : high-efficiency MERV 13 (P/N 612410)

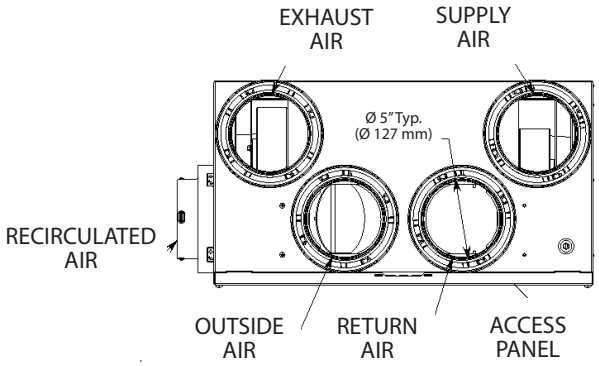
Blowers

VENTILATION

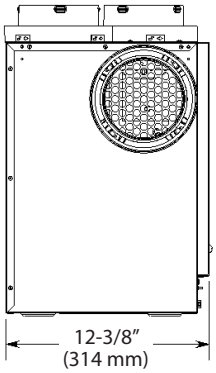
Motorized impellers (backward-inclined)

Dimensions

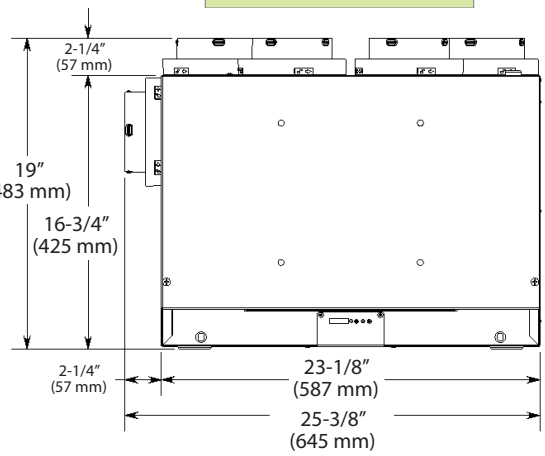
TOP VIEW



SIDE VIEW

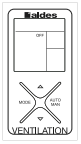


FRONT VIEW

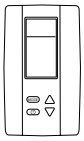


Controls

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



Digital Multifunction Control (# 611242) and (#611242-FC)



LCD Electronic Multifunction Control (P/N 611227)

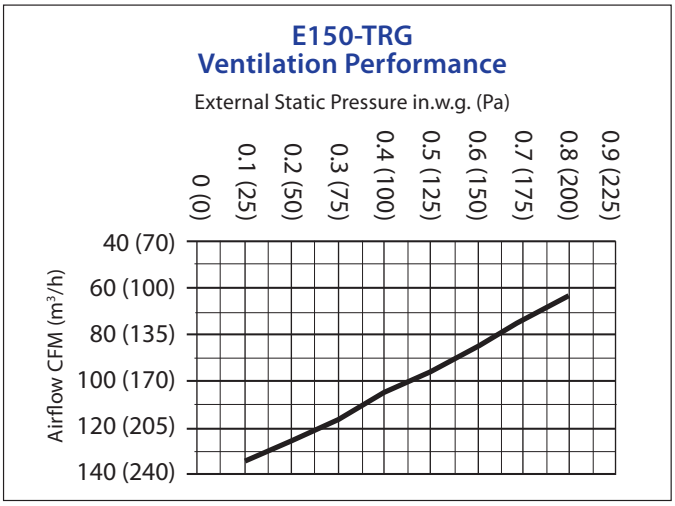
20/40/60 Minute Timer (P/N 611228)

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

Mode Control (Recirculation) (P/N 611230)

Performance

Outside Air Temperature		Net Airflow		Power Consumed (W)	Sensible Recovery Efficiency	Adjusted Sensible Recovery Efficiency	Latent Recovery/ Moisture Transfer	Adjusted Total Recovery Efficiency
°F	°C	CFM	L/s					
Heating								
32	0	51	24	42	68%	73%	57%	-
32	0	62	29	62	66%	72%	55%	-
32	0	103	49	98	58%	64%	45%	-
-13	-25	50	24	64	61%	64%	55%	-
Cooling								
95	35	49	23	42	-	-	45%	52%



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

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