



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.

RESIDENTIAL

ERV

E150-TRG

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



UNIT

CORE



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

120 VAC, 60 Hz, 1.3 A, 156 W
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

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



Blowers

Motorized impellers (backward-inclined)

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

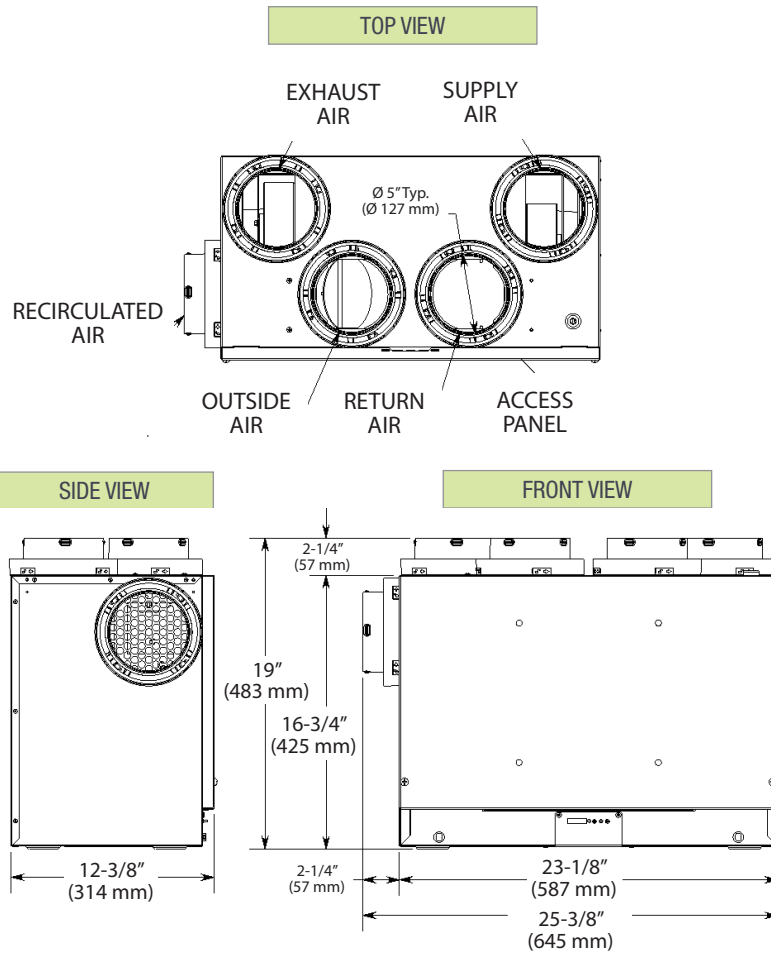
Twist-in collars for easy flex-duct attachment

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.

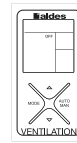
Recirculating defrost collar snaps into pre-punched area of cabinet for ducting flexibility

Dimensions

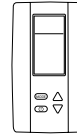


Controls

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)



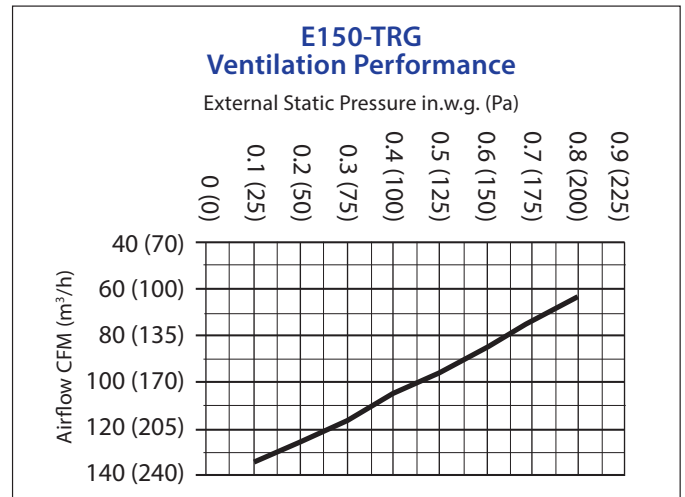
Speed Control (Low/Intermittent/High) (P/N 611229)



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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