



PLATE EXCHANGER

High-efficiency polymeric membrane counter-flow ERV

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: 52 lb (24 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 699878)



ELECTRICAL SPECIFICATIONS

120 V, 60 Hz, 187 W, 2.51 A



FILTERS

(Standard)

Quantity:
2 washable MERV 6 filters (P/N 699771)
Optional filter types: MERV 8 (P/N 699772),
MERV 13 (P/N 699881)



SYSTEM COMPATIBILITY

Compatible with VentZone System

InspirAIR® ELITE ERV

EK150-TQG-V5

148 CFM at 0.4 in.w.g



MADE IN
CANADA



5-YEAR
WARRANTY

UNIT



5-YEAR
WARRANTY

CORE



PATENT
PENDING



BLOWERS & MOTORS

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



DEFROST

Automatic Programmed Recirculation: Cycles are controlled by
a temperature sensor when the outside temperature drops
below 17.6°F (-8°C).

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)



LCD Electronic Multifunction Control (P/N 611227)



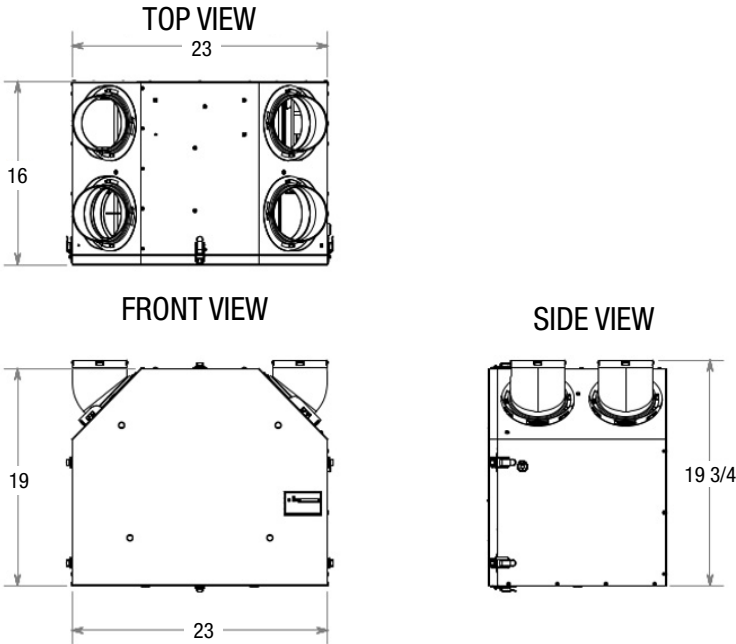
20/40/60 Minute Timer (P/N 611228)



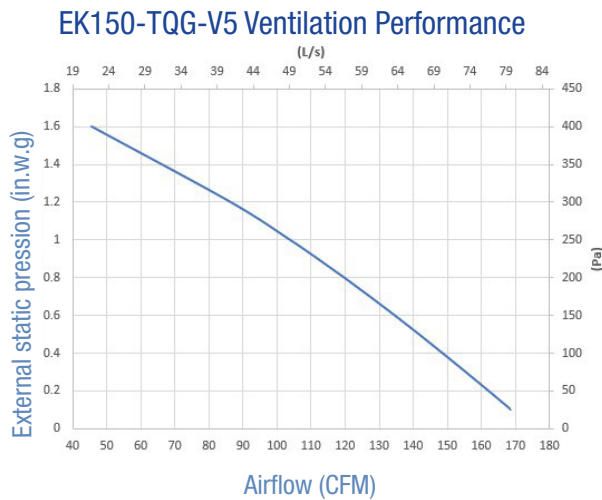
Speed Control (Low/Intermittent/High)
(P/N 611229)



Mode Control (Recirculation) (P/N 611230)



EK150-TQG-V5: PERFORMANCE



| Thermal Performance – EK150-TQG-V5 | | | | | | | | |
|------------------------------------|-----|-------------|-----|----------------------------|------------------------------------|--|---|---------------------------------|
| Supply Tem- perature | | Net Airflow | | Power Con- sumed (w) | Sensible Recovery Efficiency | Adjusted Sensible Recovery Efficiency | Latent Recovery/ Moisture Transfer | Total Recovery Efficiency |
| °F | °C | CFM | L/s | | | | | |
| Heating | | | | | | | | |
| 32 | 0 | 50 | 23 | 60 | 82% | 91% | 89% | - |
| 32 | 0 | 65 | 30 | 71 | 82% | 90% | 86% | - |
| -13 | -25 | 69 | 32 | 116 | 71% | 76% | 77% | - |
| Cooling | | | | | | | | |
| 95 | 35 | 64 | 30 | 71 | - | - | 83% | 76% |

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