



# RESIDENTIAL H110-TF Heat Recovery Ventilator

PRODUCT  
SPECIFICATIONS  
& TECHNICAL  
DATA



## PRODUCT DESCRIPTION

The H110-TF heat recovery ventilator produces approximately **95 CFM** at 0.20 in.w.g (ESP) and recovers heat through its high-efficiency polypropylene core. The H110-TF has been thoughtfully engineered for simple installation in apartments, condos, and small houses. The removable collars are top-mounted, which makes the unit both narrow and shallow enough to fit inside standard closets and other tight spaces.

The H110-TF has two exclusive features. EvacMAX™ provides on-demand boost for maximum ventilation. With FLEXControl, airflow circuits can be calibrated electronically, eliminating the need for resistance-inducing balancing dampers and improving overall efficiency.

## KEY FEATURES

- Electronically and independently adjustable supply and exhaust blowers (FLEXControl)
- Gauge ports on the door for fast and reliable airflow readings
- Twist-in collars for easy flex-duct attachment
- Non-dust-loading backward-inclined impellers on totally enclosed motors
- Easy access to core and filters for cleaning
- Extremely durable polypropylene core
- Optimal high efficiency filters
- Multiple low-cost controller options
- Automatic exhaust defrost protects the core from frost build-up

## CASING

Material: Pre-painted 24-gauge galvanized steel  
Drain Connection: Ø 3/8" (Ø 10 mm)  
Duct Diameter: Ø 4" (Ø 102 mm)  
Insulation: Molded EPS  
Width: 23-1/8" (587 mm)  
Height: 16-3/4" (425 mm)  
Depth: 12-3/8" (314 mm)  
Weight: 29 lbs (13 kg); Shipping Weight: 37 lbs (17 kg)

## MOUNTING

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

## RECOVERY CORE

Material: Polypropylene

## BLOWERS

Quantity: 2  
Type: Motorized impellers (backward-inclined)

## ELECTRICAL REQUIREMENTS

120 VAC, 60 Hz, 0.6 A, 72 W  
Cord Set: 48" (1219 mm) with ground

## CONTROLS

Low voltage dry contact (24VAC) for:

- Fan interlock (NO and NC)
- Digital Multifunction Control (P/N 611242)
- LCD Electronic Multifunction Control (P/N 611227)
- Speed Control (Low/Intermittent/High) (P/N 611229)
- 20/40/60 Minute Timer (P/N 611228)

## FROST CONTROL

- Automatic timed integral exhaust defrost
- Activated by a sensor when the outdoor temperature drops below 23°F (-5°C)

## FILTERS

Quantity: 2  
Type: MERV 6 (P/N 612409)  
Optional : High efficiency MERV13 (P/N 612410)

## WARRANTY

Core Assembly: Limited lifetime warranty  
All Other Covered Components: Limited 5-year warranty

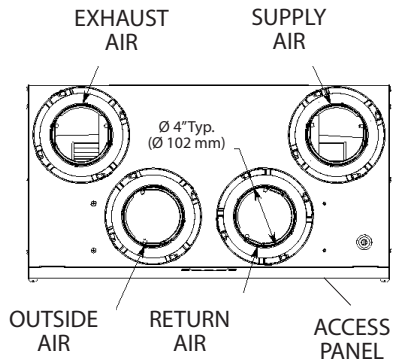
## APPROVALS

Meets Standards:  
• C22.2 no113  
• UL 1812

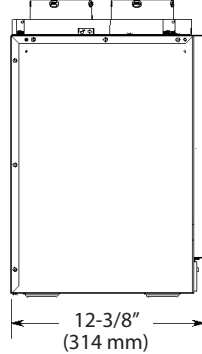


# Dimensions

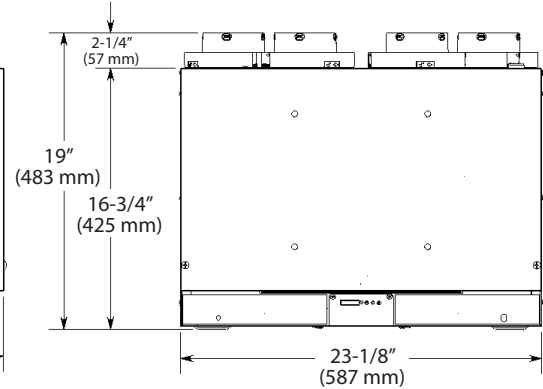
**TOP VIEW**



**SIDE VIEW**

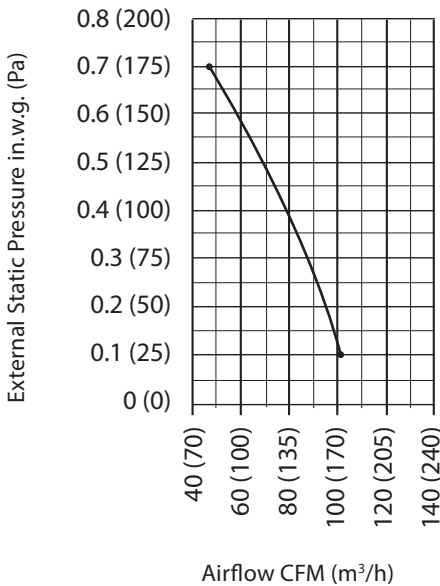


**FRONT VIEW**



# Performance

**H110-TF  
Ventilation Performance**



| Energy Performance |     |             |     |                    |                              |                                       |
|--------------------|-----|-------------|-----|--------------------|------------------------------|---------------------------------------|
| Supply Temperature |     | Net Airflow |     | Power Consumed (W) | Sensible Recovery Efficiency | Adjusted Sensible Recovery Efficiency |
| °F                 | °C  | CFM         | L/s |                    |                              |                                       |
| 32                 | 0   | 40          | 19  | 26                 | 64%                          | 70%                                   |
| 32                 | 0   | 65          | 31  | 34                 | 62%                          | 67%                                   |
| 32                 | 0   | 85          | 40  | 56                 | 60%                          | 66%                                   |
| -13                | -25 | 43          | 20  | 91                 | 54%                          | 77%                                   |



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

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