



## PRODUCT DESCRIPTION

Compact size, large performance. The H190-TQG heat recovery ventilator exchanges up to 198 CFM of fresh air at 0.4 in.w.g. (ESP) and recovers heat through its high-efficiency polypropylene core. The H190-TQG has been thoughtfully engineered for simple installation in almost any size of house.

## 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

Extremely durable polypropylene core

Recirculation defrost to maintain a neutral pressure in the home, and using only the four duct connections. No fifth duct connection required

# RESIDENTIAL HRV

## H190-TQG

HEAT RECOVERY VENTILATOR

198 CFM at 0.4 in.w.g (ESP)



CORE

UNIT



### Recovery Core

Material: Polypropylene

### Casing

Material: Pre-painted 24-gauge galvanized steel

Drain Connection: Ø 3/8" (Ø 10 mm)

Duct Connections: Ø 6" (Ø 152 mm)

Insulation: Molded EPS

Width: 29-3/16" (741 mm)

Height: 21" (533 mm)

Depth: 15-1/8" (384 mm)

Weight: 46 lbs (21 kg); Shipping Weight: 51 lbs (23 kg)

Supply Damper: Motorized; Exhaust Damper: Gravity



### Mounting

Suspended by chains with vibration-isolating springs



### Electrical requirement

120 VAC, 60 Hz, 1.95 A, 155 W

Cord Set: 48" (1219 mm) with ground



### Frost control

Automatic timed recirculation. Cycles controlled by a temperature sensor when outdoor temperature drops below 23°F (-5°C)



### Filters

Type : Aluminum (P/N 683959)

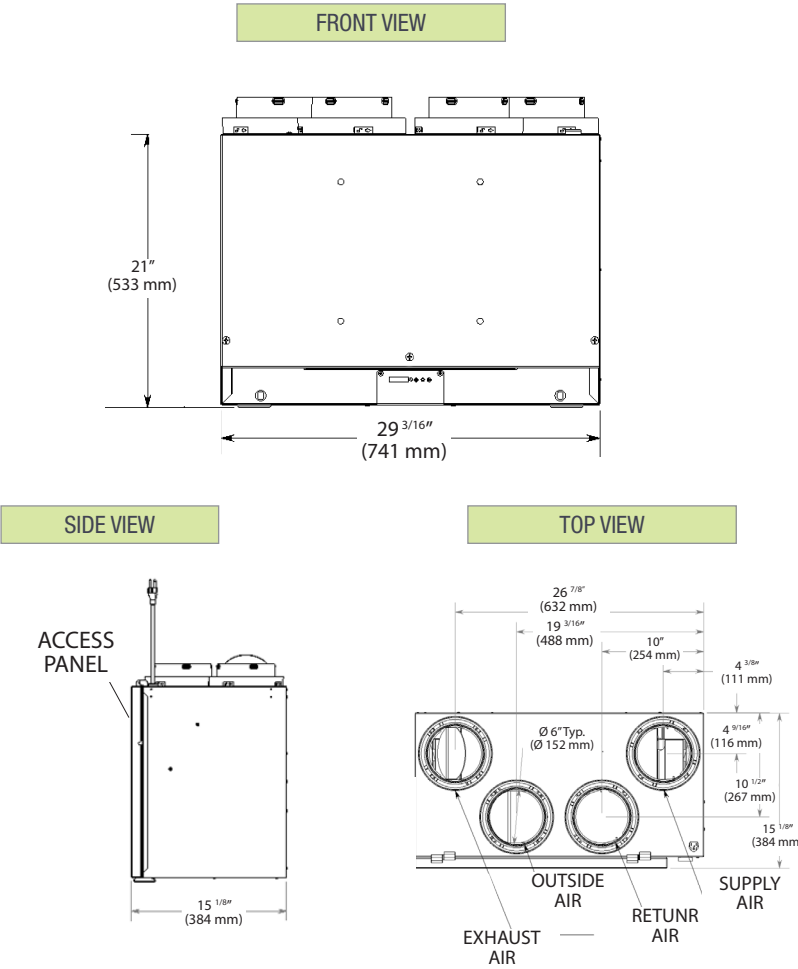
Option : MERV 6 (P/N 683958) or high-efficiency MERV 13 (P/N 683957)



### Blowers

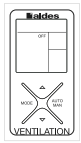
Motorized impellers (backward-inclined)

# Dimensions

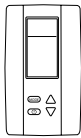


# Controls

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)



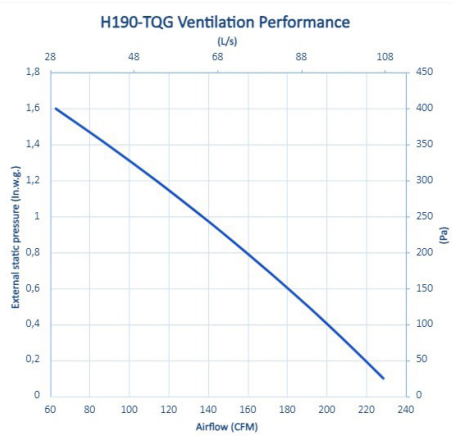
Speed Control (Low/Intermittent/High) (P/N 611229)



Mode Control (Recirculation) (P/N 611230)

# Performance

Supply Temperature		Net Airflow		Power Consumed (W)	Sensible Recovery Efficiency	Adjusted Sensible Recovery Efficiency
°F	°C	CFM	L/s			
32	0	64	30	67	75%	82%
32	0	80	38	76	73%	80%
-13	-25	66	31	107	65%	70%



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

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