

Description

Low noise ceiling mount ventilating fan with humidity sensor, rated for continuous running. ENERGY STAR® Most Efficient 2014. HVI, UL and cUL certified to comply with ASHRAE 62.2 local and whole building continuous and intermittent operation. Meets CA Title 24 requirements.

Motor/Blower

- Power Rating of 120 volts/60Hz.
- DC Brushless motor engineered to run continuously.
- Motor equipped with thermal cutoff fuse.
- Removable with permanently lubricated plug-in motor.

Housing

- Galvanized steel body.
- Detachable 4" diameter metal duct adapter.
- Built-in backdraft damper.
- Easy installation with expandable extension bracket

Grille

- Attractive design using ABS material.

Light

- (1) GU24 26-watt compact fluorescent lamp included.
- (1) E12 4-watt night-light included.

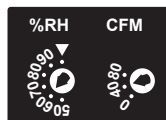
Warranty

- 3-year limited warranty.

Feature

- Blue and amber LED indicator lights to show humidity sensor and full speed modes.
- Adjustable humidity set points between ~50% to ~90% RH.
- For ceiling mount only, airflow of 110 CFM (±10%) and 0.4 Sones at 0.1" static pressure.
- Power consumption approximately 12.7 Watts with an efficiency rating approximately 8.8 CFM/Watt at 0.1" static pressure.
- Duct diameter no less than 4"
- UL and cUL listed for tub/shower enclosure when used with GFCI branch circuit wiring.

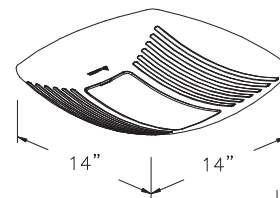
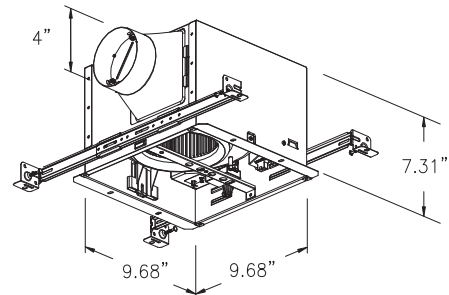
Built-in Controls



DC Motor Technology

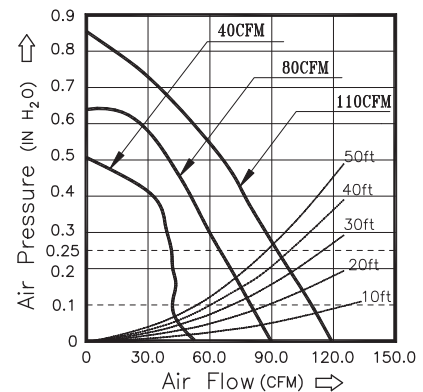
- Allows fan to operate in full speed mode or humidity control mode by manual switch.
- For humidity control mode, when humidity is above the set-point, fan runs at full speed (110 CFM). When humidity is below the set-point, the fan runs continuously at a pre-set lower level (0, 40, 80 CFM).
- Built-in soft start function to increase bearings' life.
- Automatically powers OFF when impeller is locked abnormally.

SIG110HL Dimensions



Unit: Inches(mm)

Fan Curve SIG110HL



BreezSignature SIG110HL	Continuous low speed				Full speed	
Static Pressure (inches w.g.)	0.1	0.25	0.1	0.25	0.1	0.25
Air Flow (CFM)	40	42	80	59	110	92
Sones	<0.3	0.4	<0.3	0.5	0.4	0.8
Power Consumption (Watts)	5.1	9.0	8.5	10.7	12.7	15.2
Energy Efficiency (CFM/Watt)	7.9	4.7	9.7	5.6	8.8	6.2
Current (Amps)	0.38 Max.					
Power Rating (V/Hz)	120/60					
Lamp (Watts)	26					
Night Light (Watts)	4					



Model	Quantity	Comments	Project:
			Location:
			Architect:
			Engineer:
			Contractor:
			Submitted by:
			Date: