



Full Speed:

80 CFM/<0.3 Sones @ 0.1" SP, 6.2 Watts
80 CFM/0.5 Sones @ 0.25" SP, 9.9 Watts

Full Speed:

110 CFM/<0.3 Sones @ 0.1" SP, 8.2 Watts
110 CFM/0.8 Sones @ 0.25" SP, 14.1 Watts



Most Efficient
2018
www.energystar.gov



Description

Low noise ceiling mount ventilating fan with dual speed rated for continuous running. Fan has been awarded ENERGY STAR® Most Efficient 2018. It is HVI, UL, and cUL certified to comply with ASHRAE 62.2 local and whole building continuous and intermittent operation. Meets CA Title 24 requirements.

DC Motor/Blower

- Power rating of 120 volts/60Hz
- Brushless DC motor engineered to run continuously
- Motor equipped with thermal cutoff fuse
- Removable with permanently lubricated plug-in motor
- Full speed adjustable, 80 or 110 CFM
- Allows fan to operate in full speed mode or continuous low speed mode by manual switch
- For continuous low speed mode, the fan runs continuously at a user-preset lower level (0, 30, 50, 60, or 80 CFM)
- Delay time preset positions (0.5, 5, 15, 30, 45, or 60 min)
- Built-in soft start function to increase bearings' life
- Automatically powers OFF when impeller is locked abnormally
- Self-compensating motor speed for intended airflow when static pressure is encountered

Housing

- Galvanized steel body
- Detachable 6" diameter metal duct adapter
- Includes 6" to 4" duct reducer
- Built-in backdraft damper
- Easy installation with expandable extension bracket

Grille

- Attractive design using ABS material
- Attaches directly to housing with torsion springs

LED Indicator

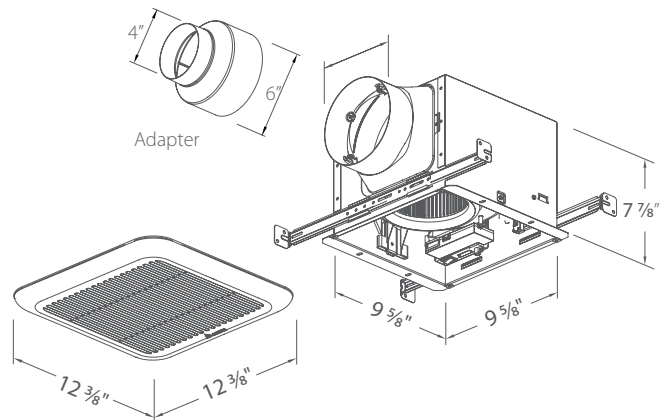
- Green and amber LED indicator lights show continuous low speed and full speed modes

Warranty

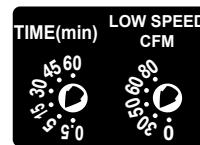
- 3-Year limited warranty

TYPICAL SPECIFICATION

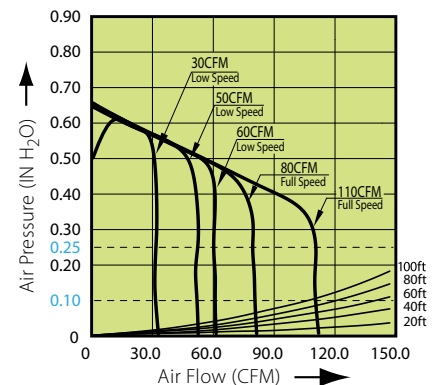
Ventilation fan shall be Delta Breez model SIG80-110D; ENERGY STAR qualified with Brushless DC Motor engineered to run continuously for a minimum 70,000 hours; airflow rating of 110 CFM and loudness rating of <0.3 Sones at 0.1" static pressure as certified by the Home Ventilating Institute (HVI); power consumption of 8.2 Watts with efficiency rating of 15.3 CFM/Watt at 0.1" static pressure; fan will feature motor lock protection and self-compensating motor speed for intended airflow when static pressure is encountered. UL and cUL listed for tub/shower enclosure when used with GFCI-protected branch circuit wiring.



Built-in controls



SIG80-110D Fan Curve



BreezSignature SIG80-110D												
Fan Speed	Continuous Low Speed								Full Speed			
Static Pressure (in w.g.)	0.1	0.25	0.1	0.25	0.1	0.25	0.1	0.25	0.1	0.25	0.1	0.25
Air Flow (CFM)	30	30	50	50	60	60	80	80	80	80	110	110
Sones	<0.3	<0.3	<0.3	<0.3	<0.3	0.3	<0.3	0.5	<0.3	0.5	<0.3	0.8
Power (Watts)	4.4	6.3	4.8	7.3	5.5	8.6	6.2	9.9	6.2	9.9	8.2	14.1
Efficiency (CFM/Watts)	9.0	5.9	13.5	8.0	13.3	8.0	15.4	9.0	15.4	9.0	15.3	8.7
Current (Amps)	0.38 Max											
Power Rating (V/Hz)	120/60											

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