



(Fan with Dual Speed – 80/110 CFM)

	<b>Full Speed:</b>	<b>Full Speed:</b>		
	80 CFM/<0.3 Sones @ 0.1" SP, 6.2 Watts 80 CFM/0.5 Sones @ 0.25" SP, 9.9 Watts	110 CFM/<0.3 Sones @ 0.1" SP, 8.2 Watts 110 CFM/0.6 Sones @ 0.25" SP, 14.1 Watts		

**Description**

Low noise ceiling mount ventilating fan with dual speed rated for continuous running. Fan has been awarded ENERGY STAR® Most Efficient. 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 increases bearing life
- Automatically powers OFF if 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
- White

**LED Indicator**

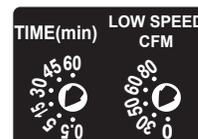
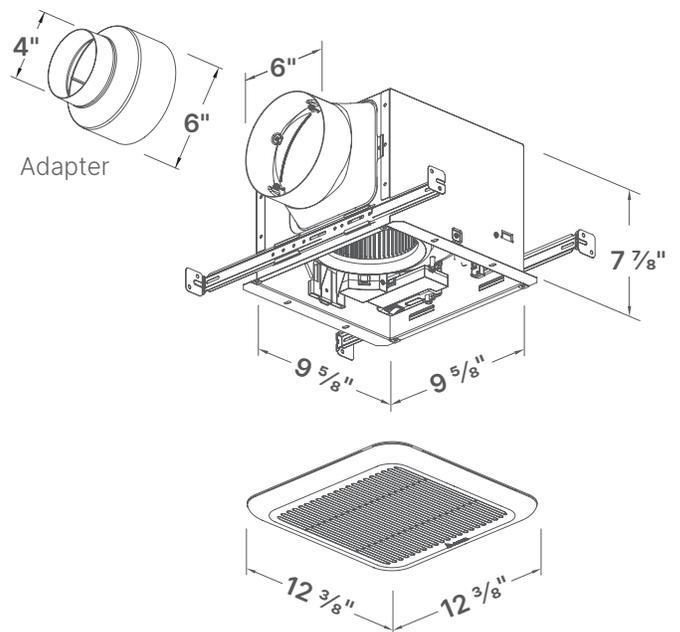
- Green and amber LED indicator lights show continuous low speed and full speed modes

**Warranty**

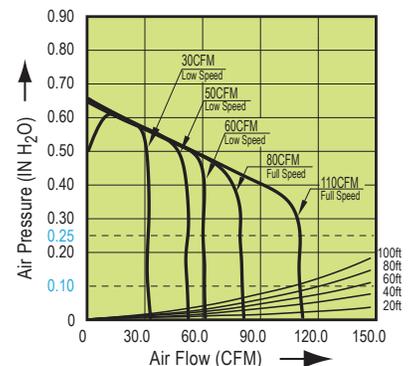
- 3-Year limited warranty

**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.



**SIG80-110D Fan Curve**





(Fan with Dual Speed – 80/110 CFM)

	<b>Full Speed:</b>	<b>Full Speed:</b>		
	80 CFM/<0.3 Sones @ 0.1" SP, 6.8 Watts 80 CFM/0.5 Sones @ 0.25" SP, 9.9 Watts	110 CFM/<0.3 Sones @ 0.1" SP, 9.7 Watts 110 CFM/0.8 Sones @ 0.25" SP, 15.5 Watts		

BreezSignature SIG80-110D										
6" Duct Standard										
Fan Speed	Continuous Low Speed						Full Speed			
Static Pressure (Inches w.g.)	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	110	110
Sones	<0.3	<0.3	<0.3	<0.3	<0.3	0.3	<0.3	0.5	<0.3	0.8
Power Consumption (Watts)	4.4	6.3	4.8	7.3	5.5	8.6	6.2	9.9	8.2	14.1
Energy Efficiency (CFM/Watts)	9.0	5.9	13.5	8.0	13.3	8.0	15.4	9.0	15.3	8.7
Current (Amps)	0.38 Max									
Power Rating (V/Hz)	120/60									

BreezSignature SIG80-110D										
4" Duct Standard										
Fan Speed	Continuous Low Speed						Full Speed			
Static Pressure (Inches w.g.)	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	57	80	80	110	110
Sones	<0.3	<0.3	<0.3	0.5	<0.3	0.8	<0.3	1.2	1.0	2.0
Power Consumption (Watts)	4.5	6.9	5.2	8.2	5.8	9	7.4	11.8	12	17.5
Energy Efficiency (CFM/Watts)	8.9	6.0	12.0	7.0	13.3	7.6	12.5	7.9	10.5	6.9
Current (Amps)	0.38 Max									
Power Rating (V/Hz)	120/60									

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