breez Signature

# MODEL SIG80-110LED

(Fan/Dimmable LED Light/Night-Light – 80/110 CFM)

**Full Speed:**
80 CFM/<0.3 Sones @ 0.1" SP, 6.8 Watts
80 CFM/0.5 Sones @ 0.25" SP, 9.9 Watts

**Full Speed:**
110 CFM/<0.3 Sones @ 0.1 SP, 9.7" Watts
110 CFM/0.8 Sones @ 0.25 SP, 15.5" Watts

## Description

Low noise ceiling mount ventilating fan/LED light/night-light rated for continuous running. Fan has been awarded ENERGY STAR® Most Effcient 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
- DC brushless motor engineered to run continuously
- Full speed adjustable, 80 or 110 CFM
- Motor equipped with thermal cutoff fuse
- Removable with permanently lubricated plug-in motor
- Full speed adjustable, 80 or 110 CFM
- 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

## Light

- 13-Watt LED main light and 2-Watt LED night light included
- Main light output 800 lumens, 3000K, and 90 CRI

## LED Indicator

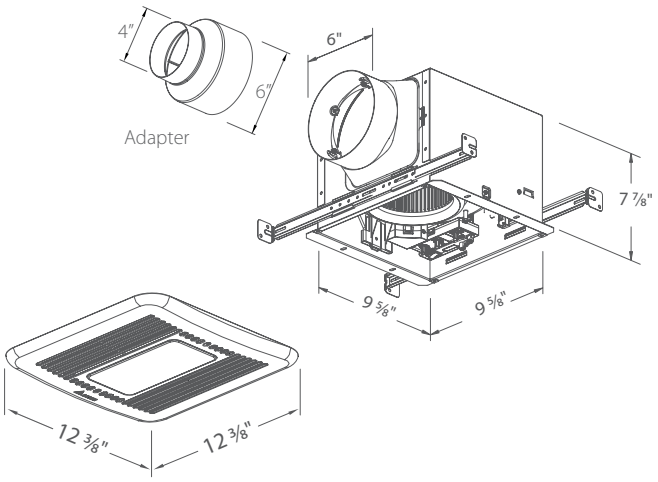
- Turn the power switch on/off to operate on/off. LED indicator will be green when power is on

## Warranty

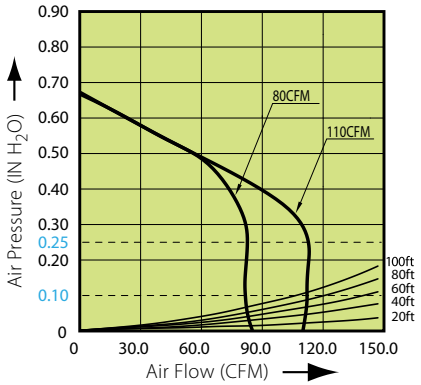
- 3-Year limited warranty

## TYPICAL SPECIFICATION

Ventilation fan shall be Delta Breez model SIG80-110LED; 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 9.7 Watts with efficiency rating of 12.7 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.




**SIG80-110LED Fan Curve**




| BreezSignature SIG80-110LED | | | | |
|---|---|---|---|---|
| Static Pressure (Inches w.g.) | 0.1 | 0.25 | 0.1 | 0.25 |
| Air Flow (CFM) | 80 | 80 | 110 | 110 |
| Sones | <0.3 | 0.5 | <0.3 | 0.8 |
| Power Consumption (Watts) | 6.8 | 9.9 | 9.7 | 15.5 |
| Energy Efficiency (CFM/Watts) | 13.8 | 8.4 | 12.7 | 8.0 |
| Current (Amps) | 0.48 Max | | | |
| Power Rating (V/Hz) | 120/60 | | | |
| LED Main Light (Watts) | 13 | | | |
| LED Night Light (Watts) | 2 | | | |

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

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