



MODEL 100HS

(Fan with Humidity Sensor - 100 CFM)

| | | | |
|--|--|--|--|
| | 4" Duct (Standard): 100 CFM/1.4 Sones @ 0.1" SP, 12.6 Watts 77 CFM/1.5 Sones @ 0.25" SP, 13.5 Watts | | |
|--|--|--|--|

Description

Low noise ceiling mount ventilating Fan with humidity sensor rated for continuous running. Fan has been awarded ENERGY STAR® qualified. It is HVI, UL, and cUL certified, and can be used to comply with ASHRAE 62.2 Intermittent Local Exhaust, and CA Title 24 requirements.

DC Motor/Blower

- Power rating of 120 volts/60Hz
- Motor equipped with thermal cutoff fuse
- Removable with permanently lubricated plug-in motor
- Allows fan to operate in full speed mode or humidity control mode by cycling ON/OFF switch
- For humidity mode, the fan will automatically start when the humidity level in the room is above 60%.
- Built-in soft start function to increase bearings' life
- Automatically powers OFF when impeller is locked abnormally

Housing

- Galvanized steel body
- Detachable 4" diameter duct adapter
- Built-in backdraft damper
- Hanger bars included
- Easy installation

Grille

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

LED Indicator

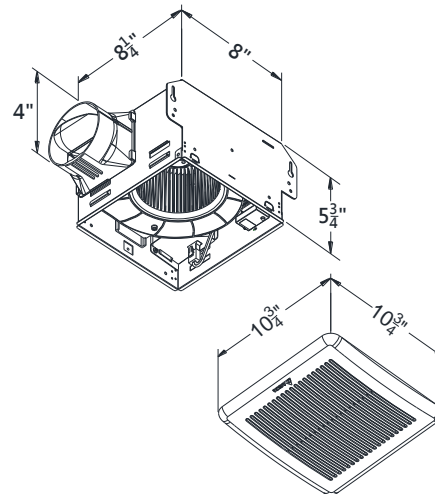
- Blue and amber LED indicator lights to show humidity sensor and full speed modes

Warranty

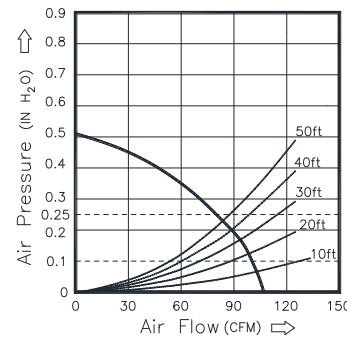
- 3-year limited warranty.

TYPICAL SPECIFICATION

Ventilation fan shall be Delta Breez model 100HS; ENERGY STAR qualified with brushless DC motor engineered to run continuously for a minimum 70,000 hours; airflow rating of 100 CFM and loudness rating of 1.4 Sones at 0.1" static pressure as certified by the Home Ventilating Institute (HVI); power consumption of 12.6 Watts with efficiency rating of 7.9 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.



Fan Curve



| GreenBuilder 100HS | 4" Duct (Standard) | |
|-------------------------------|--------------------|------|
| Static Pressure (inches w.g.) | 0.1 | 0.25 |
| Air Flow (CFM) | 100 | 77 |
| Sones | 1.4 | 1.5 |
| Power Consumption (Watts) | 12.6 | 13.5 |
| Energy Efficiency (CFM/Watt) | 7.9 | 5.7 |
| Current (Amps) | 0.24 Max | |
| Power Rating (V/Hz) | 120 / 60 | |

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