breez GreenBuilder

**MODEL GBR100H**

(**Fan with Humidity Sensor** - 100 CFM)

HVI CERTIFIED

**Full Speed:**
100 CFM/1.4 Sones @ 0.1" SP, 12.6 Watts
77 CFM/1.5 Sones @ 0.25" SP, 12.5 Watts

**Low Speed:**
60 CFM/0.5 Sones @ 0.1" SP, 4.9 Watts
46 CFM/0.7 Sones @ 0.25" SP, 6.3 Watts

ENERGY STAR

c UL us

## Description

Low noise ceiling/wall mount ventilating fan with humidity sensor. Fan is ENERGY STAR® qualified , HVI, UL, and cUL certified, and can be used to comply with ASHRAE 62.2 Intermittent Local Exhaust, CA Title 24, and CALGreen requirements.

## DC 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
- Allows fan to operate in full speed mode or humidity control mode by manual switch
- For humidity control mode, when humidity is above the user-adjustable set-point, fan runs at full speed (100 CFM). When humidity is below the set-point, the fan runs continuously at a pre-set lower level (0 or 60 CFM)
- Built-in soft start function to increase bearings' life
- Automatically powers OFF when impeller is locked abnormally
- Permanently lubricated motor
- Self-compensating motor speed for intended airflow when static pressure is encountered

## 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

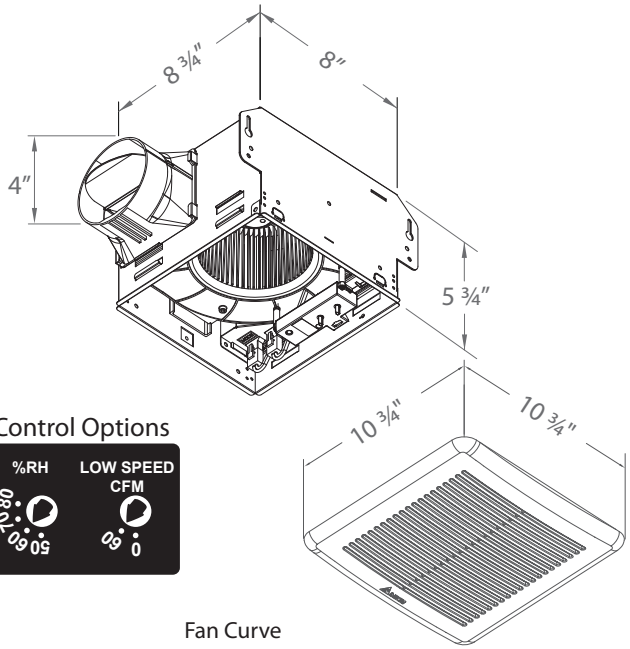
- Blue and amber LED indicator lights to show humidity sensor and full speed modes

## Warranty

- 3-year limited warranty

## TYPICAL SPECIFICATION

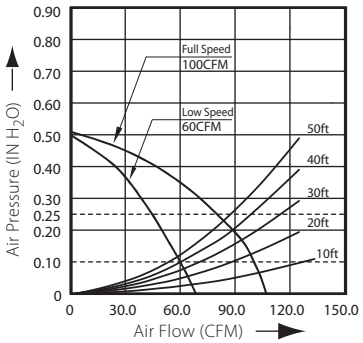
Ventilation fan shall be Delta Breez model GBR100H; ENERGY STAR® qualified with DC brushless motor engineered to run continuously for a minimum 70,000 hours; airflow rating of 100 CFM and loudness rating of 1.4 Sones at 0.1 static pressure as certified by the Home Ventilating Institute (HVI); power consumption of 12.6 Watts with efficiency rating of 7.9 CFM/Watt at 0.1" static pressure; fan will feature LED indicator running light, 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.




Control Options




Fan Curve




| **GreenBuilder GBR100H** | Continuous low speed | | Full speed | |
|---|---|---|---|---|
| Static Pressure (inches w.g.) | 0.1 | 0.25 | 0.1 | 0.25 |
| Air Flow (CFM) | 60 | 42 | 100 | 77 |
| Sones | 0.5 | 0.7 | 1.4 | 1.5 |
| Power Consumption (Watts) | 4.9 | 6.3 | 12.6 | 12.5 |
| Energy Efficiency (CFM/Watt) | 12.2 | 6.6 | 7.9 | 6.1 |
| Current (Amps) | 0.24 Max | | | |
| Power Rating (V/Hz) | 120 / 60 | | | |

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

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