



Delta BreezGreenBuilder G2

Perfectly quiet. Perfectly green.

Delta BreezGreenBuilder G2 Series

GBR50	50 CFM Fan Single Speed	
GBR50L	50 CFM Fan/Light	💡
GBR80	80 CFM Fan Single Speed	
GBR80H	80 CFM Fan with Humidity Sensor	💧
GBR80L	80 CFM Fan/Light	💡
GBR80HL	80 CFM Fan/Light with Humidity Sensor	💧💡
GBR80MHL	80 CFM Fan/Light with Humidity and Motion Sensor	💧💡🚶
GBR80LED	80 CFM Fan/LED Light	💡
GBR100	100 CFM Fan Single Speed	
GBR100L	100 CFM Fan/Light	💡

Project Pack Components*

GBR-A	GreenBuilder Housing Can for Fan Only
GBR50-B	50 CFM Motor/Grille
GBR80-B	80 CFM Motor/Grille
GBR100-B	100 CFM Motor/Grille
GBRL-A	GreenBuilder Housing Can for Fan/Light
GBR50L-B	50 CFM Motor/Grille/Light
GBR80L-B	80 CFM Motor/Grille/Light
GBR100L-B	100 CFM Motor/Grille/Light

*Project Pack components are sold in quantities of four

	Delta Breez	Market AC Motor
Energy Use (Watts)	3.8	27.1
Noise Level (Sones)	<0.3	1.5
Annual Energy Cost per Fan (24/7) ¹	\$3.99	\$28.49

¹ Calculations based upon U.S. average retail electricity and HVI testing labs.

Actual results may vary

² Based upon BreezGreenBuilder G2 GBR50 vs. market AC motor fan

³ Based upon ENERGY STAR criteria for residential ventilating fans

The Builders' choice for green construction

Delta BreezGreenBuilder G2 fans mark a new achievement in bathroom ventilation for green construction. Built upon market-leading energy efficiency, exceptionally low power consumption and virtually silent operation, the G2 adds feature options of LED main light, adjustable humidity sensing and speed control, and a 100 CFM model. Additionally, the G2 models have enhanced performance at 0.25" static pressure. BreezGreenBuilder G2 stays true to what has made the GreenBuilder series a winning value proposition for builders and contractors: a reliable Delta DC brushless motor, compact lightweight design for quick installation, and performance ratings that far surpass building requirements...all at an affordable price.



Fan Only &
Fan with Humidity Sensor



Fan/Light, Fan/Light with Humidity Sensor,
Fan/Light with Humidity and Motion Sensor



Control Options
GBR80H, GBR80HL, GBR80MHL



Fan/LED light

Innovative DC brushless motor design for long life, low noise, and low power consumption

- Energy savings up to 86%²
- <0.3 sones - lowest tested noise level available for bath fans
- Exceeds ENERGY STAR® requirement by 840% in energy efficiency³
- Fan/light and fan/LED light combinations and project packs available

Project Pack Components Available

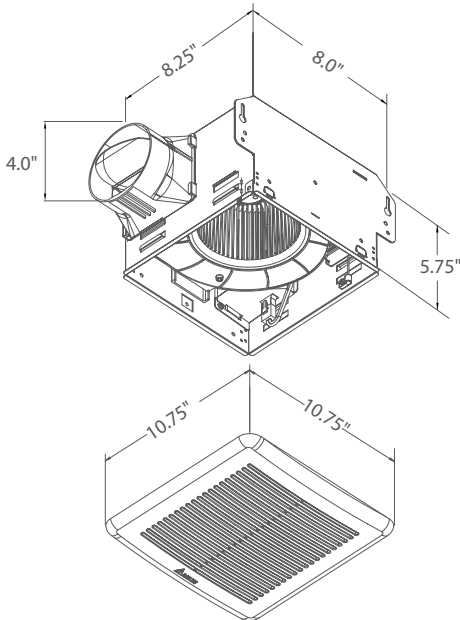


Specifications

Delta BreezGreenbuilder G2
Perfectly quiet. Perfectly green.

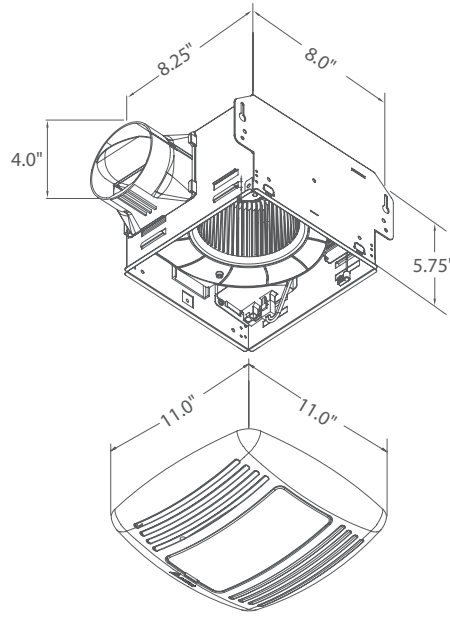
The Builders' choice for green construction. Designed for easy retrofit and new construction.

Fan Housing for
GBR50, GBR80, GBR80H and GBR100



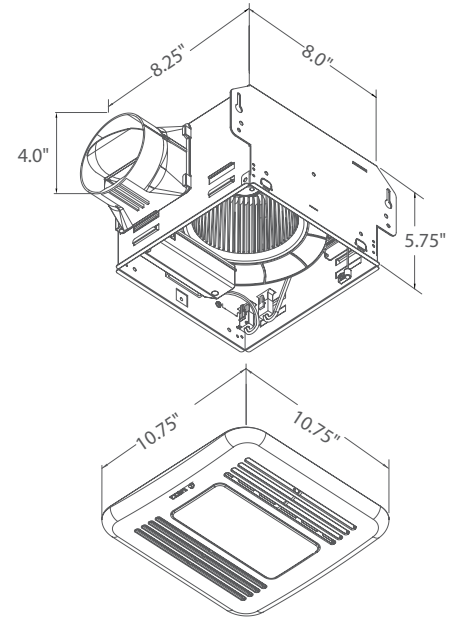
Grille for Fan Only

Fan/Light Housing for
GBR50L, GBR80L, GBR80HL, GBR80MHL and GBR100L



Grille for Fan/Light

Fan/LED Light Housing for
GBR80LED



Grille for Fan/LED Light

Delta BreezGreenBuilder G2	GBR50		GBR50L		GBR80		GBR80H				GBR80L		GBR80HL/ GBR80MHL			GBR80LED		GBR100		GBR100L				
Fan Speed	Full Speed		Full Speed		Full Speed		Continuous Low Speed		Full Speed		Full Speed		Continuous Low Speed		Full Speed		Full 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	0.1	0.25	0.1	0.25	0.1	0.25	0.1	0.25	0.1	0.25				
Air Flow (CFM)	50	35	50	38	80	69	50	37	80	68	80	69	50	40	80	63	80	63	100	81	100	76		
Sones	<0.3	0.6	<0.3	0.7	0.6	1.1	<0.3	1.0	0.8	1.2	0.8	1.3	0.4	0.6	0.8	1.3	0.8	1.1	1.4	1.3	1.4	1.3		
Power Consumption (Watts)	3.8	5.2	4.5	5.8	10.5	12.5	4.0	6.0	9.7	11.8	11.0	13.6	5.3	7.0	11.5	11.4	11.6	11.1	12.6	11.6	13.9	11.9		
Energy Efficiency (CFM/Watt)	13.1	6.7	11.1	6.5	7.6	5.5	12.5	6.1	8.2	5.7	7.2	5.0	9.4	5.7	6.9	5.5	6.8	5.6	7.9	6.9	7.1	6.3		
Current (Amps)	0.12 Max		0.14 Max		0.22 Max		0.16 Max		0.22 Max		0.23 Max		0.17 Max		0.22 Max		0.30 Max		0.22 Max		0.23 Max			
Power Rating (V/Hz)	120 / 60				120 / 60																			
Mounting Opening	8.25" x 8.0"				8.25" x 8.0"																			
Mounting Depth	5.75"				5.75"																			
Grille Size	10.75" x 10.75"		11.0" x 11.0"		10.75" x 10.75"		10.75" x 10.75"				11.0" x 11.0"		11.0" x 11.0"				10.75" x 10.75"		10.75" x 10.75"		11.0" x 11.0"			
Duct Diameter	4"				4"																			
Lamp (Watts)	N/A		26		N/A		N/A				26		26				11		N/A		26			
Lamp Style	N/A		GU24 CFL💡		N/A		N/A				GU24 CFL💡		GU24 CFL💡				LED Module🔌		N/A		GU24 CFL💡			
Automatic Operation	N/A		N/A		N/A		Yes (humidity)💧				N/A		Yes - GBR80HL (humidity)💧 Yes - GBR80MHL (humidity & motion)💧🚶				N/A		N/A		N/A			
Dual Speed Operation	N/A		N/A		N/A		Yes (humidity)💧				N/A		Yes - GBR80HL (humidity)💧 Yes - GBR80MHL (humidity & motion)💧🚶				N/A		N/A		N/A			
Color Temperature	N/A		2700 K		N/A		N/A				2700 K		2700 K				2700 K		N/A		2700 K			
Lumens	N/A		1850		N/A		N/A				1850		1850				791		N/A		1850			
Shipping Gross Weight (Lbs)	7.0		8.8		7.0		7.2				8.8		8.6				7.5		7.0		8.8			
cUL Tub/Shower Enclosure	Yes				Yes																			
California Title 24 Compliant	Yes				Yes																			
Mfg in ISO 9001 Certified Factory	Yes				Yes																			
ENERGY STAR® Qualified	Yes				Yes																			
ENERGY STAR Most Efficient 2014	Yes				Yes								No		No				No		Yes			
Warranty (Years)	3				3																			

Design and specifications subject to change without notice.



4405 Cushing Parkway | Fremont, CA 94538
tel 1.888.979.9889 | www.deltabreez.com



Motion sensor



Adjustable humidity sensor



Fan/LED Light Combo



Fan/CFL Light Combo

Delta BreezGreenBuilder Series - 07/14



4" Duct (Standard):
50 CFM/<0.3 Sones @ 0.1 SP, 3.8 Watts
35 CFM/0.6 Sones @ 0.25 SP, 5.2 Watts



**Most Efficient
2014**
www.energystar.gov



Description

Low noise ceiling/wall mount ventilating fan rated for continuous running. Fan has been awarded ENERGY STAR® Most Efficient in 2014. It is HVI, UL, and cUL certified, and can be used to comply with ASHRAE 62.2 (local and whole building continuous and intermittent operation), CA Title 24, and CALGreen requirements.

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

Housing

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

Grille

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

LED Indicator

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

Warranty

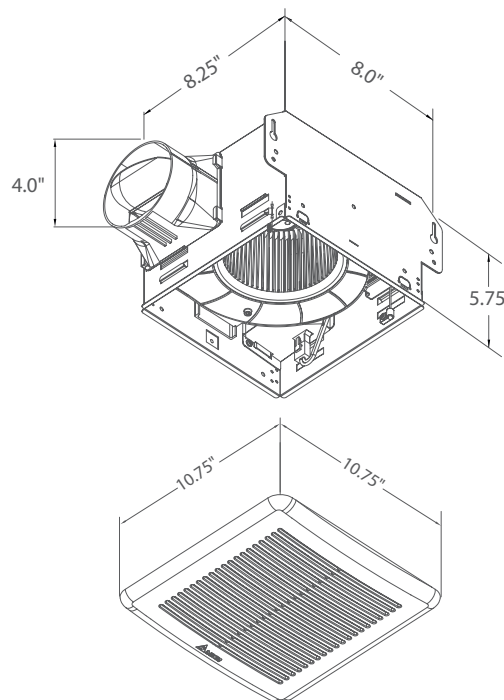
- 3-year limited warranty

Feature

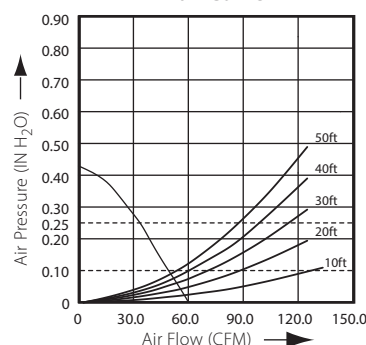
- For ceiling/wall mount, airflow of 50 CFM ($\pm 10\%$) and <0.3 Sones at 0.1" static pressure
- Power consumption approximately 3.8 Watts with an efficiency rating approximately 13.1 CFM/Watt at 0.1" static pressure
- UL and cUL listed for tub/shower enclosure when used with GFCI-protected branch circuit wiring

DC Motor Technology

- Built-in soft start function to increase bearings' life
- Automatically powers OFF when impeller is locked abnormally



Fan Curve



GreenBuilder GBR50	4" Duct (Standard)	
Static Pressure (inches w.g.)	0.1	0.25
Air Flow (CFM)	50	35
Sones	<0.3	0.6
Power Consumption (Watts)	3.8	5.2
Energy Efficiency (CFM/Watt)	13.1	6.7
Current (Amps)	0.12 Max	
Power Rating (V/Hz)	120 / 60	

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



4" Duct (Standard):

80 CFM / 0.6 Sones @ 0.1 SP, 10.5 Watts
69 CFM / 1.1 Sone @ 0.25 SP, 12.5 Watts



Most Efficient
2014

www.energystar.gov



Description

Low noise ceiling/wall mount ventilating fan rated for continuous running. Fan has been awarded ENERGY STAR® Most Efficient in 2014. It is HVI, UL, and cUL certified, and can be used to comply with ASHRAE 62.2 (local and whole building continuous and intermittent operation), CA Title 24, and CALGreen requirements.

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

Housing

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

Grille

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

LED Indicator

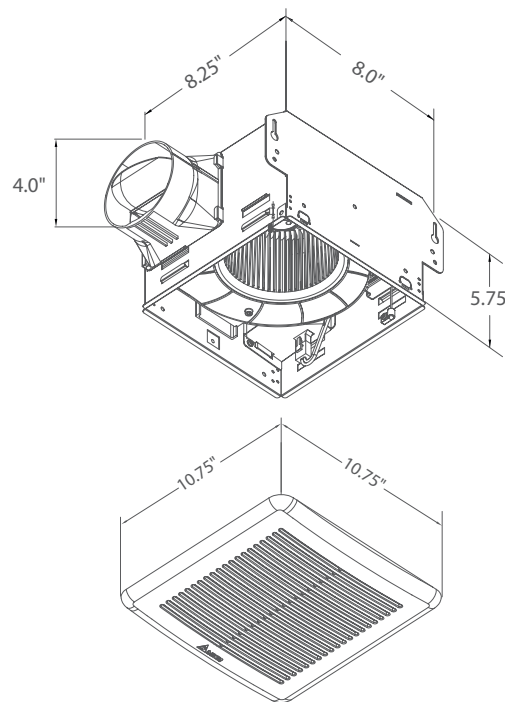
- Turn the power switch on/off to operate on/off.
LED indicator will be green when power is on

Warranty

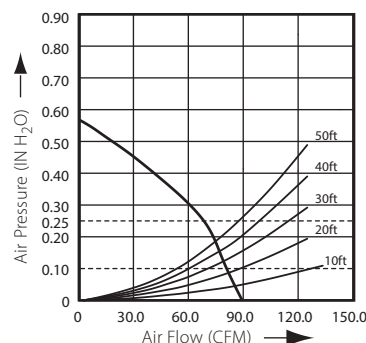
- 3-year limited warranty

Features

- For ceiling/wall mount, airflow of 80 CFM ($\pm 10\%$) and 0.6 Sones at 0.1" static pressure
- Power consumption approximately 10.5 Watts with an efficiency rating approximately 7.6 CFM/Watt at 0.1" static pressure
- UL and cUL listed for tub/shower enclosure when used with GFCI-protected branch circuit wiring



Fan Curve



GreenBuilder GBR80	4" Duct (Standard)	
Static Pressure (inches w.g.)	0.1	0.25
Air Flow (CFM)	80	69
Sones	0.6	1.1
Power Consumption (Watts)	10.5	12.5
Energy Efficiency (CFM/Watt)	7.6	5.5
Current (Amps)	0.22 Max	
Power Rating (V/Hz)	120 / 60	

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



4" Duct (Standard):

80 CFM / 0.8 Sones @ 0.1 SP, 11.0 Watts
69 CFM / 1.3 Sones @ 0.25 SP, 13.6 Watts



Description

Low noise ceiling mount ventilating fan/light combo rated for continuous running. Fan is ENERGY STAR® qualified, HVI, UL, and cUL certified, and can be used to comply with ASHRAE 62.2 (local and whole building continuous and intermittent operation), CA Title 24, and CALGreen requirements.

Motor/Blower

- Power rating of 120 volts/60Hz
- DC brushless motor engineered to run continuously
- Motor equipped with thermal cutoff fuse.
- Permanently lubricated motor

Housing

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

Grille

- Attractive design using ABS material
- Attached to housing with included grille bracket

Light

- (1) GU24 26-Watt CFL lamp included
- Main light output 1850 Lumens, 2700K

LED Indicator

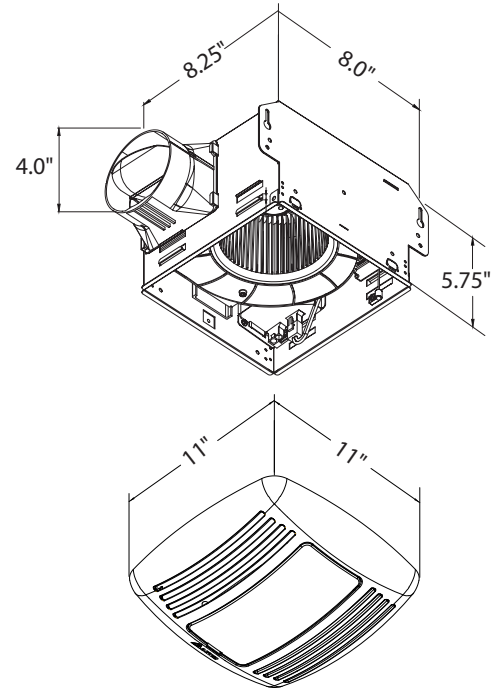
- Turn the power switch on/off to operate on/off.
LED indicator will be green when power is on

Warranty

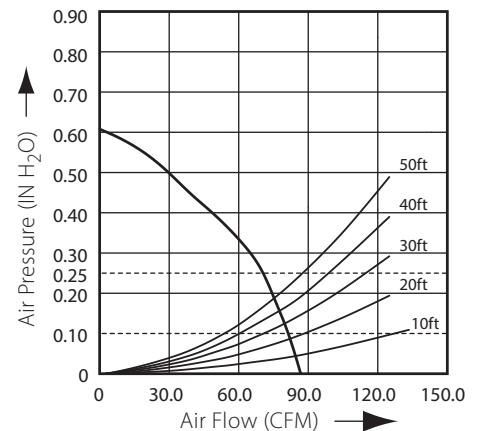
- 3-year limited warranty

Features

- For ceiling mount only, airflow of 80 CFM ($\pm 10\%$) and 0.8 Sones at 0.1" static pressure
- Power consumption approximately 11.0 Watts with an efficiency rating approximately 7.2 CFM/Watt at 0.1" static pressure
- UL and cUL listed for tub/shower enclosure when used with



Fan Curve



GreenBuilder GBR80L	4" Duct (Standard)	
Static Pressure (inches w.g.)	0.1	0.25
Air Flow (CFM)	80	69
Sones	0.8	1.3
Power Consumption (Watts)	11.0	13.6
Energy Efficiency (CFM/Watt)	7.2	5.0
Current (Amps)	0.23 Max	
Power Rating (V/Hz)	120/60	
Lamp (Watts)	26	

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



4" Duct (Standard):

100 CFM / 1.4 Sones @ 0.1 SP, 12.6 Watts
81 CFM / 1.3 Sones @ 0.25 SP, 11.6 Watts



Most Efficient

2014

www.energystar.gov



Description

Low noise ceiling/wall mount ventilating fan rated for continuous running. Fan has been awarded ENERGY STAR® Most Efficient in 2014. It is HVI, UL, and cUL certified, and can be used to comply with ASHRAE 62.2 (local and whole building continuous and intermittent operation), CA Title 24, and CALGreen requirements.

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

Housing

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

Grille

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

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.

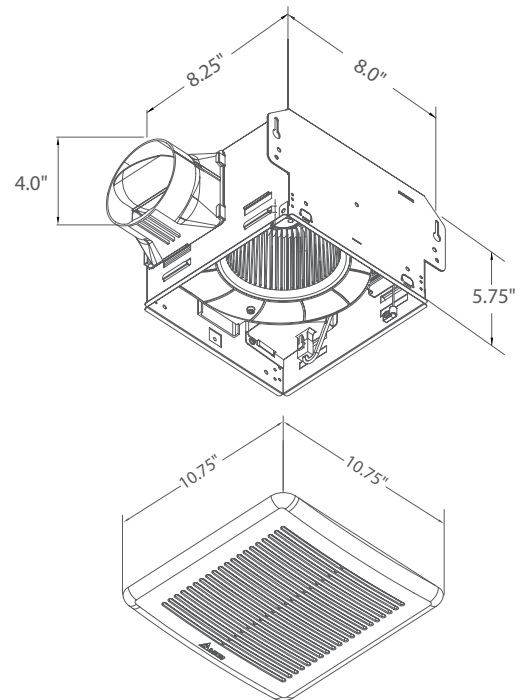
Feature

- For ceiling/wall mount, airflow of 100 CFM ($\pm 10\%$) and 1.4 Sones at 0.1" static pressure
- Power consumption approximately 12.6 Watts with an efficiency rating approximately 7.9 CFM/Watt at 0.1" static pressure
- UL and cUL listed for tub/shower enclosure when used with GFCI-protected branch circuit wiring

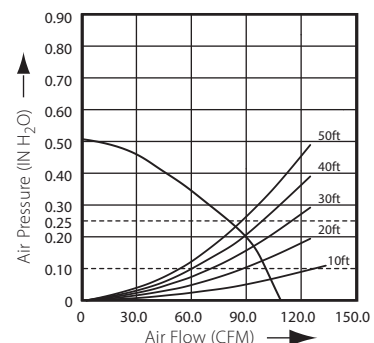
DC Motor Technology

- Built-in soft start function to increase bearings' life
- Automatically powers OFF when impeller is locked abnormally

GBR100 Dimensions



Fan Curve



GBR100	4" Duct (Standard)	
Static Pressure (inches w.g.)	0.1	0.25
Air Flow (CFM)	100	81
Sones	1.4	1.3
Power Consumption (Watts)	12.6	11.6
Energy Efficiency (CFM/Watt)	7.9	6.9
Current (Amps)	0.22 Max	
Power Rating (V/Hz)	120 / 60	

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