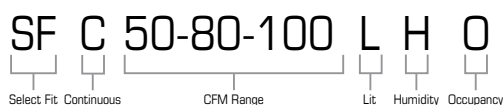


## bathfan Select Fit (SF) Series Bathroom Exhaust Fans



SF50-80-100 part #	– 484305
SF50-80-100L part #	– 484306
SFC50-80-100 part #	– 484307
SFC50-80-100H part #	– 484308
SFC50-80-100HO part #	– 484309
SFC50-80-100L part #	– 484310
SFC50-80-100LH part #	– 484311
SFC50-80-100LHO part #	– 484312



These bathroom exhaust fans offer selectable airflow settings while upgradeable models additionally feature lighted or non-lighted grilles, a continuous flow & time delay function, and humidity & occupancy sensing capabilities with wall or ceiling mount options. The product is powered by a Direct Current (DC) motor to enable high energy-efficiency and long lasting reliability. Comes with one (1) hanger bar to enable a multitude of installations.

### Features

- Selectable airflow settings: 50/80/100 CFM (24/38/47 L/s)
- Quiet operation
- Low Profile Design – ideal for 2x4 joist construction and taller
- Energy-efficient, self-compensating DC motor
- Continuous flow (available with applicable models)
- Integrated humidity sensor (available with applicable models)
- Integrated occupancy sensor (available with applicable models)
- Time delay (available with applicable models)
- Lighted grille (on applicable models only)
- Mount in the wall or in the ceiling
- Built-in, soft-close backdraft damper
- Includes one (1) adjustable hanger bar to fit a multitude of applications
- Duct connector included
- 5 year limited warranty

### Specifications

• Airflow	50 CFM (24 L/s) @ 0.1 in. wg. (25 Pa) 80 CFM (38 L/s) @ 0.1 in. wg. (25 Pa) 100 CFM (47 L/s) @ 0.1 in. wg. (25 Pa)
• Sones	0.6–1.0–1.5
• Duct size	4 in. (101mm)
• Voltage/Phase/Hz	120/1/60
• Power rated	12W
• Amp	0.25A

### Requirements and Standards

- ETL listed
- ENERGY STAR® certified
- Complies with California Title 24
- HVI 2100 certified
- Can be used to comply with ASHRAE 62.2 (on applicable models only)



### Casing

Constructed of 26 gauge galvanized steel for corrosion resistance. Detachable 4 in. (101mm) duct connector which includes a lightweight, built-in, soft-close backdraft damper. The included hanger bar mounting bracket is adjustable from 14–24 in. (356mm–610mm) to allow for ideal positioning.

### Motor/Blower

Total enclosed brushless Direct Current (DC) motor designed to operate continuously. ENERGY STAR® certified motor engineered to maintain rated airflow as static pressure changes—up to 0.4 in. wg. (better than the leading competitors). Removable assembly for mounted replacements.

### Grille

Low profile: constructed of a rugged polymeric resin known for its long life durability. Powerful torsion springs seat the trim tightly and evenly to the ceiling surface. Includes an 11W, 4000K cool white LED lighted grille (on applicable models only).

### Installation

For ceiling or wall mounting installations. Can be installed directly onto joists or with the help of the single hanger bar.

### Selectable Airflow Settings

Integrated toggle switches for high speed selection—50/80/100 CFM (24/38/47 L/s).

### Continuous Flow (available with applicable models)

If activated, continuous flow allows the fan to run nonstop at a preset lower level. Adjustable from 0 and 30 CFM, up to the selected high-airflow setting (this feature deactivates when set between 0–30 CFM (0–14 L/s)).

### Humidity Sensor (available with applicable models)

If activated, once humidity reaches the set level, the sensor directs the exhaust fan to run at the selected high-airflow setting. When humidity falls below the set level, the fan will continue to run at the selected high-airflow setting for 20 minutes. After 20 minutes, the fan will return to the preset low airflow setting; only if the continuous flow feature is activated. Detects humidity from 30–80% humidity (this feature deactivates when set between 0–30%).

### Occupancy Sensor (SFC50-80-100LHO)

If the sensor is connected, once motion is detected, this sensor directs the exhaust fan to run at the selected high-airflow setting for 20 minutes. The fan will then return to the preset low airflow setting; only if the continuous flow feature is activated. Detects motion within 5–7 ft. (1.5–2.1 meters).

### Time Delay (SFC50-80-100 & SFC50-80-100L)

Maintains the selected high-airflow setting for a period of time between 3–30 minutes (this feature deactivates when set between OFF–3 minutes).

### Ceiling Radiation Damper

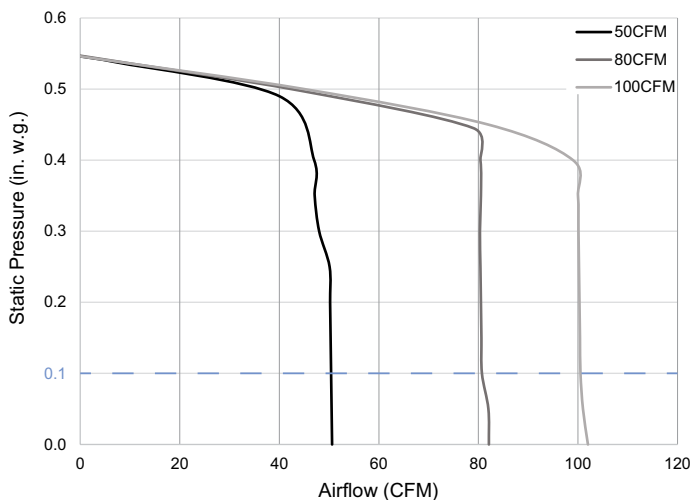
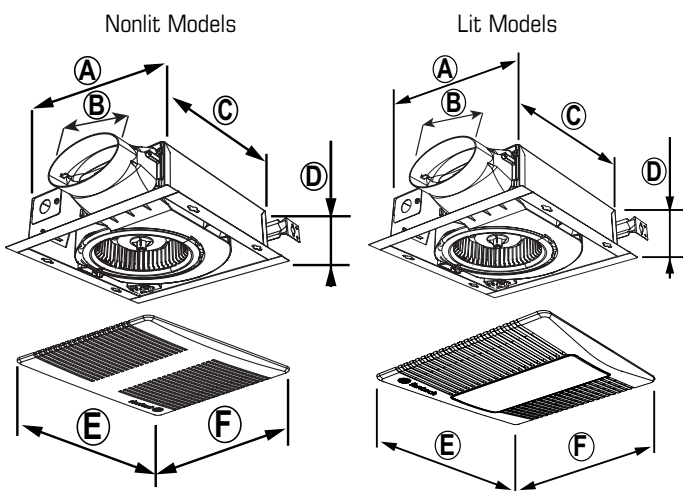
bathfan Select Fit (SF) Series to be used with the UL555C Fantech Ceiling Radiation Damper—Small (Model #: 98599, sold separately) or the UL555C Fantech Ceil. Radiation Damper (Model #: 484374, sold separately).



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## Dimensions

Model	A		B		C		D		E		F	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
SF50-80-100 (#484305)	10-1/4	260	4	102	10-1/4	260	3-3/8	86	13-3/4	321	13	330
SF50-80-100L (#484306)												
SFC50-80-100 (#484307)												
SFC50-80-100H (#484308)												
SFC50-80-100HO (#484309)												
SFC50-80-100L (#484310)												
SFC50-80-100LH (#484311)												
SFC50-80-100LHO (#484312)												



## Contacts

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

## HVI Performance

### SF50-80-100, SF50-80-100L, SFC50-80-100, & SFC50-80-100L

4 in. (101mm) Duct

0.1 (25) in. wg. (Pa)

Air volume in CFM (L/s)	Noise (Sones)	Rated power (W)
50 (24)	0.6	12
80 (38)	1.0	12
100 (47)	1.5	12

### SFC50-80-100H, SFC50-80-100LH, SFC50-80-100HO & SFC50-80-100LHO

4 in. (101mm) Duct

0.1 (25) in. wg. (Pa)

Air volume in CFM (L/s)	Noise (Sones)	Rated power (W)
50 (24)	0.6	12
80 (38)	1.0	12
100 (47)	1.5	12

## Distributed by:

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