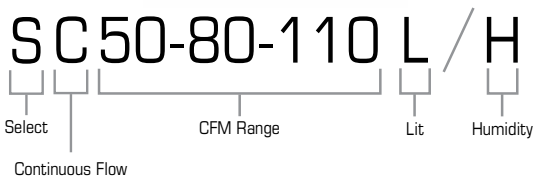


bathfan Select (S) SC50-80-110 Series

Ceiling Mount Exhaust Fans



SC50-80-110 part # - 484313
SC50-80-110L part # - 484314
SC50-80-110H part # - 494140



Perfect to overcome higher static pressure application(s), these ceiling mount exhaust fans offer selectable airflow settings, and features such as continuous flow and time delay. The product is powered by a Direct Current (DC) motor to enable high energy-efficiency and long lasting reliability. Comes with an adjustable EZ mounting frame to enable a multitude of installations.

Features

- Selectable airflow settings: 50/80/110 CFM (24/38/52 L/s)
- Virtually Silent operation
- Design – ideal for 2x8 joist construction and taller
- Energy-efficient, self-compensating DC motor
- Continuous Flow
- Integrated Humidity Sensor (available with applicable models)
- Time Delay
- Lighted grille (on SC50-80-110L models only)
- Built-in, soft-close backdraft damper
- Adjustable EZ Mounting Frame included
- Duct connector included
- For ceiling installations only

Specifications (@ 0.1 in. wg. (25 Pa))

- Airflow: 50 CFM (24 L/s)
80 CFM (38 L/s)
110 CFM (52 L/s)
- Sones: <0.3–0.6–0.9
- Duct size: 6 in. (152mm)
- Voltage/Phase/Hz: 120/1/60
- Power rated: 5.0–6.8–11.0 W
- Amp: 0.2A

Requirements and Standards

- ETL listed
- ENERGY STAR® certified
- Complies with California Title 24
- HVI 2100 certified
- Complies with ASHRAE 62.2

Casing

Constructed of 26 gauge galvanized steel for corrosion resistance. Detachable 6 in. (152mm) collar which includes a lightweight, built-in, soft-close backdraft damper. Adjustable EZ mounting frame included allows 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 SC50-80-110L models only).

Selectable Airflow Settings

Integrated toggle switches for high speed selection—50/80/110 CFM (24/38/52 L/s).

Continuous Flow

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 5 minutes (the time delay feature can prolong this event for a set amount of time). After 5 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%).

Time Delay

Maintains the selected high-airflow setting for a period of time between 5–60 minutes (this feature deactivates when set between OFF–5 minutes).

Ceiling Radiation Damper

bathfan Select (S) Series to be used with the UL555C Fantech Ceiling Radiation Damper—Large (Model #: 98600, sold separately) or the UL555C Fantech Select Radiation Damper (Model #: 494046, sold separately).

Limited Warranty

5 years

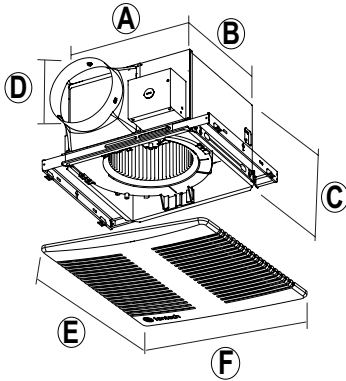


fantech®
a systemair company

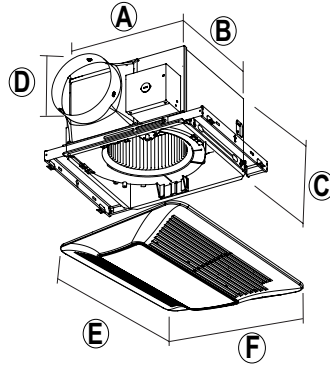
Dimensions

| Model | A | | B | | C | | D | | E | | F | |
|------------------------|---------------------------------|-----|---------------------------------|-----|--------------------------------|-----|-----|-----|-----|-----|---------------------------------|-----|
| | in. | mm | in. | mm | in. | mm | in. | mm | in. | mm | in. | mm |
| SC50-80-110 (#484313) | 11- ³ / ₈ | 289 | 10- ¹ / ₂ | 267 | 7- ⁵ / ₈ | 194 | 6 | 152 | 13 | 330 | 13- ³ / ₄ | 349 |
| SC50-80-110L (#484314) | | | | | | | | | | | | |
| SC50-80-110H (#494140) | | | | | | | | | | | | |

Nonlit Models



Lit Models



HVI Performance

SC50-80-110, SC50-80-110L, & SC50-80-110H

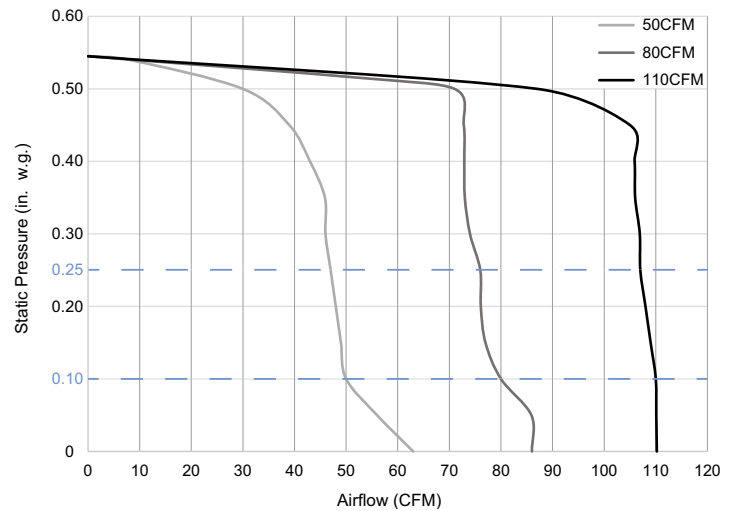
6 in. (152mm) Duct

0.1 (25) in. wg. (Pa)

| Air volume in CFM (L/s) | Noise (Sones) | Rated power (W) |
|-------------------------|---------------|-----------------|
| 50 (24) | <0.3 | 5.0 |
| 80 (38) | 0.6 | 6.8 |
| 110 (52) | 0.9 | 11.0 |

0.25 (62) in. wg. (Pa)

| Air volume in CFM (L/s) | Noise (Sones) | Rated power (W) |
|-------------------------|---------------|-----------------|
| 47 (22) | 0.9 | 9.1 |
| 76 (36) | 1.2 | 11.9 |
| 107 (50) | 1.5 | 18.4 |



Contacts

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

Distributed by:

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