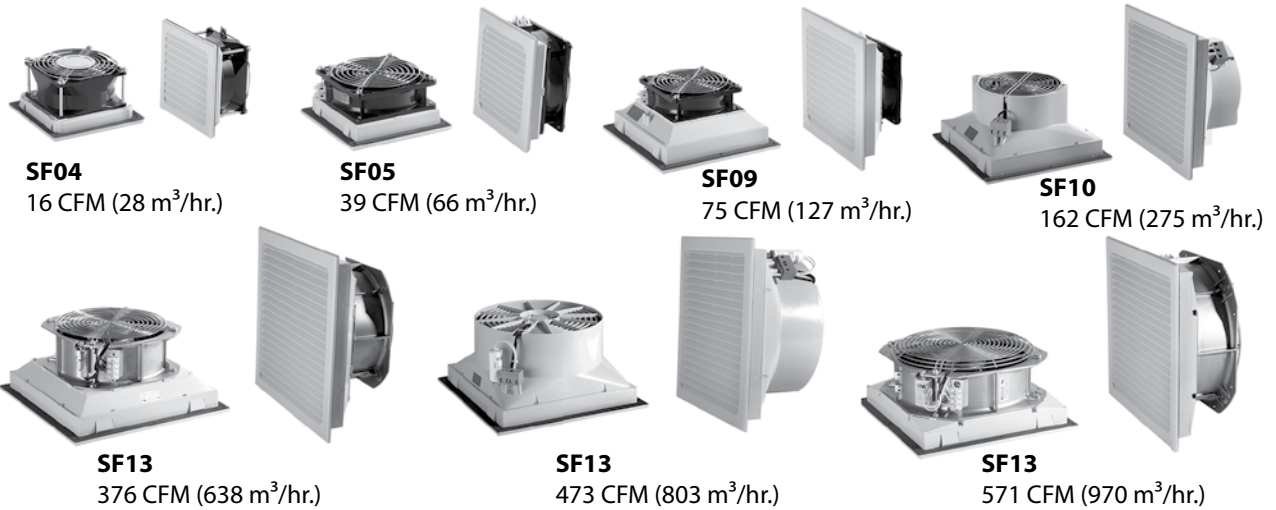


**SF SIDE-MOUNT**

**INDUSTRY STANDARDS**

UL/cUL recognized; File No. 235470

CE, CSA (fan motor only)  
Type 12, IP54 standard  
Type 12, IP 55 optional

**APPLICATION**

- Industrial automation
- Automotive assembly
- Package handling equipment
- Food and beverage process controls
- Wind energy systems

**FEATURES**

- Click-fit design quickly installs into enclosure wall; no tools or screws required
- Simple snap-open grille for easy filter replacement
- Enclosure side wall mounting
- Reverse airflow option on SF13 models available to push/pull air through higher static pressure
- Standard foam-in-place gasket
- Similar cut-out sizes as other filter fan manufacturers
- Terminal wire connections
- Optional thermostat available to save energy and extend service life

**SPECIFICATIONS**

- Size range from 4 in. (102 mm) to 13 in. (325 mm)
- Free air flow from 16 CFM (28 m<sup>3</sup>/hr.) to 571 CFM (920 m<sup>3</sup>/hr.)
- Service life hours from 40000 to 70000 hours
- Operating temperature range from -4 F/-20 C to 149 F/65 C

**FINISH**

- RAL 7035 light-gray, UV-resistant plastic standard
- RAL 9011 black, UV-resistant plastic optional

**ACCESSORIES**

- Replacement filters
- Thermostat
- Rain shroud

**NOTES**

Visit [www.HoffmanOnline.com](http://www.HoffmanOnline.com) to download 2D and 3D CAD drawings into the overall design of your electronic system.

Performance Data **SF04 16 CFM (28 m<sup>3</sup>/hr.) Side-Mount Filter Fan**

<b>ELECTRICAL DATA</b>				
<b>Rated Voltage</b>	<b>115</b>	<b>230</b>	<b>24</b>	<b>48</b>
Frequency (Hz)	50 / 60	50 / 60	—	—
Nominal Current Maximum (Amps)	1.40/1.20	0.70	1.00	0.54
Power Consumption Maximum (Watts)	12 / 11	12	2.2	2.6
Power Connection	Terminal Block			
<b>TYPE 12 / IP54 FILTER FANS</b>				
RAL 7035 Light Gray:				
Catalog Number	<b>SF0416414</b>	<b>SF0426414</b>	<b>SF0424414</b>	<b>SF0448414</b>
RAL 9011 Black:				
Catalog Number	<b>SF0416413</b>	<b>SF0426413</b>	<b>SF0424413</b>	<b>SF0448413</b>
Free Airflow (CFM / m <sup>3</sup> /hr.)	16 / 28	16 / 28	16 / 28	16 / 28
Airflow with 1 Exhaust Grille (CFM / m <sup>3</sup> /hr.)	10/17	10/17	10/17	10/17
Airflow with 2 Exhaust Grilles (CFM / m <sup>3</sup> /hr.)	12/21	12 / 21	12 / 21	12 / 21
<b>FILTER FAN UNIT CONSTRUCTION</b>				
Fan RPM	2700 / 3200	2700 / 3200	3300	3300
Sound Pressure (dBA)	30	30	36	36
Operating Temperature Range:				
Maximum (°F / °C)	131 / 55	131 / 55	149 / 65	149 / 65
Minimum (°F / °C)	14 / -10	14 / -10	-4 / -20	-4 / -20
Service Life (hours)	37,500	37,500	70,000	70,000
Unit Dimensions - H x W x D (in. / mm)	4.13 x 4.13 x 2.17 / 105 x 105 x 55			
Cutout Dimensions - H x W (in. / mm)	3.62 x 3.62 / 92 x 92			
Weight (lb. / kg)	.73 / .33			
<b>TYPE 12 / IP54 EXHAUST GRILLES</b>				
RAL 7035 Light Gray:				
Catalog Number	SG0400404			
RAL 9011 Black:				
Catalog Number	SG0400403			
<b>ACCESSORIES</b>				
Replacement Filters:				
Type 12 / IP54 Catalog Number	10100059H			
Thermostat Catalog Number	TWR60			

Above airflow rates at 60 Hz; see performance curves for airflow at 50 Hz and more details.

Unit depth is from the back edge of the grille to the back of the fan.

Exhaust Grilles sold separately.