

**HF SIDE-MOUNT FILTER FANS**



**INDUSTRY STANDARDS**

UL/cUL Listed; File No. E482010

CE  
EAC

Type 12 standard on all models  
IP54 standard option on all models except HF13  
IP55 standard option on all models except HF04

**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
- Opens with the flick of a finger for easy filter replacement
- Enclosure side wall mounting
- Reverse airflow option on HF13 models available to push/pull air through higher static pressure
- Standard rope gasket provides proper seal to the enclosure
- Similar cut-out sizes as other filter fan manufacturers
- Terminal block connections
- Optional thermostat available to save energy and extend service life
- Hinged grille remains attached after opening

**SPECIFICATIONS**

- Size range from 4 in. (102 mm) to 13 in. (325 mm)
- Free air flow from 21 CFM (36 m³/hr.) to 484 CFM (822 m³/hr.)
- Service life hours from 40,000 to 100,000 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

Performance Data **HF13 395 CFM (671 m<sup>3</sup>/hr.) Side-Mount Filter Fans - Standard and Reverse**

<b>ELECTRICAL DATA</b>						
Rated Voltage	115	230	24*	48*	115 Rvrs	230 Rvrs
Frequency (Hz)	50/60	50/60	—	—	50/60	50/60
Nominal Current Maximum (Amps)	.76/.88	.34/.37	2.6	1.12	.76/.88	.34/.37
Power Consumption Maximum (Watts)	65/72	74/80	55	54	65/72	74/80
Power Connection	Terminal Block					
<b>TYPE 12 FILTER FANS</b>						
RAL 7035 Light Gray:						
Catalog Number	HF1316414	HF1326414	HF1324414	HF1348414	HF1316414R	HF1326414R
RAL 9011 Black:						
Catalog Number	HF1316413	HF1326413	HF1324413	HF1348413	HF1316413R	HF1326413R
Free Airflow (CFM / m <sup>3</sup> /hr.)	395/671	395/671	395/671	395/671	395/671	395/671
Airflow with 1 Exhaust Grille (CFM / m <sup>3</sup> /hr.)	281/477	281/477	281/477	281/477	281/477	281/477
Airflow with 2 Exhaust Grilles (CFM / m <sup>3</sup> /hr.)	366/621	366/621	366/621	366/621	366/621	366/621
<b>TYPE 12 / IP55 FILTER FANS</b>						
RAL 7035 Light Gray:						
Catalog Number	HF1316514	HF1326514	HF1324514	HF1348514	HF1316514R	HF1326514R
RAL 9011 Black:						
Catalog Number	HF1316513	HF1326513	HF1324513	HF1348513	HF1316513R	HF1326513R
Free Airflow (CFM / m <sup>3</sup> /hr.)	149/253	149/253	149/253	149/253	149/253	149/253
Airflow with 1 Exhaust Grille (CFM / m <sup>3</sup> /hr.)	100/170	100/170	100/170	100/170	100/170	100/170
Airflow with 2 Exhaust Grilles (CFM / m <sup>3</sup> /hr.)	113/192	113/192	113/192	113/192	113/192	113/192
<b>FILTER FAN UNIT CONSTRUCTION</b>						
Fan RPM	2600/3000	2600/3000	2950	2950	2600/3000	2600/3000
Sound Pressure (dBA at 50/60 Hz)	57/59	57/59	57/59	57/59	57/59	57/59
Operating Temperature Range:						
Maximum (°F / °C)	131/55	131/55	135/55	135/55	131/55	131/55
Minimum (°F / °C)	14/-10	14/-10	14/-10	14/-10	14/-10	14/-10
Service Life (hours) at 40 C	59,000	59,000	57,000	57,000	59,000	57,000
Unit Dimensions - H x W x D (in. / mm)	12.8 x 12.82 x 6.30/325 x 326 x 160					
Cutout Dimensions - H x W (in. / mm)	11.5 x 11.5/292 x 292					
Weight (lb. / kg)	4.25/1.90					
<b>TYPE 12 EXHAUST GRILLES</b>						
RAL 7035 Light Gray:						
Catalog Number	HG1300404	HG1300404	HG1300404	HG1300404	HG1300404	HG1300404
RAL 9011 Black:						
Catalog Number	HG1300403	HG1300403	HG1300403	HG1300403	HG1300403	HG1300403
<b>TYPE 12 / IP55 EXHAUST GRILLES</b>						
RAL 7035 Light Gray:						
Catalog Number	HG1300504	HG1300504	HG1300504	HG1300504	HG1300504	HG1300504
RAL 9011 Black:						
Catalog Number	HG1300503	HG1300503	HG1300503	HG1300503	HG1300503	HG1300503
<b>ACCESSORIES</b>						
Replacement Filters:						
Type 12 / IP54 Catalog Number	89134427R	89134427R	89134427R	89134427R	89134427R	89134427R
Type 12 / IP55 Catalog Number	89136411R	89136411R	89136411R	89136411R	89136411R	89136411R
Thermostat Catalog Number (°F)	THERM16F	THERM26F	—	—	THERM16F	THERM26F
Thermostat Catalog Number (°C)	THERM16C	THERM26C	—	—	THERM16C	THERM26C
Shroud Catalog Number	HH13GS35001, HH13GS61001, HH13SS04001					

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.

\* This indicates a DC Voltage.