

Performance Data HF05 35 CFM (59 m³/hr.) Side-Mount Filter Fans

ELECTRICAL DATA				
Rated Voltage	115	230	24*	48*
Frequency (Hz)	50/60	50/60	—	—
Nominal Current Maximum (Amps)	.16/.14	.12/.10	.35	.17
Power Consumption Maximum (Watts)	11.0/10.0	15.0/14.0	8.4	8.2
Power Connection	Terminal Block			
TYPE 12 / IP54 FILTER FANS				
RAL 7035 Light Gray:				
Catalog Number	HF0516414	HF0526414	HF0524414	HF0548414
RAL 9011 Black:				
Catalog Number	HF0516413	HF0526413	HF0524413	HF0548413
Free Airflow (CFM / m ³ /hr.)	35/59	35/59	35/59	35/59
Airflow with 1 Exhaust Grille (CFM / m ³ /hr.)	23/39	23/39	23/39	23/39
Airflow with 2 Exhaust Grilles (CFM / m ³ /hr.)	28/48	28/48	28/48	28/48
TYPE 12 / IP55 FILTER FANS				
RAL 7035 Light Gray:				
Catalog Number	HF0516514	HF0526514	HF0524514	HF0548514
RAL 9011 Black:				
Catalog Number	HF0516513	HF0526513	HF0524513	HF0548513
Free Airflow (CFM / m ³ /hr.)	12/20	12/20	12/20	12/20
Airflow with 1 Exhaust Grille (CFM / m ³ /hr.)	8/14	8/14	8/14	8/14
Airflow with 2 Exhaust Grilles (CFM / m ³ /hr.)	9/15	9/15	9/15	9/15
FILTER FAN UNIT CONSTRUCTION				
Fan RPM	2600/2900	2600/2900	3200	3200
Sound Pressure (dBA at 50/60 Hz)	40/44	40/44	40/44	40/44
Operating Temperature Range:				
Maximum (°F / °C)	131/55	131/55	149/65	149/65
Minimum (°F / °C)	14/-10	14/-10	-4/-20	14/-10
Service Life (hours) at 40 C	40,000	40,000	100,000	100,000
Unit Dimensions - H x W x D (in. / mm)	6.15 x 6.16 x 3.98/156 x 157 x 101			
Cutout Dimensions - H x W (in. / mm)	4.92 x 4.92/125 x 125			
Weight (lb. / kg)	1.77/.80			
TYPE 12 / IP54 EXHAUST GRILLES				
RAL 7035 Light Gray:				
Catalog Number	HG0500404	HG0500404	HG0500404	HG0500404
RAL 9011 Black:				
Catalog Number	HG0500403	HG0500403	HG0500403	HG0500403
TYPE 12 / IP55 EXHAUST GRILLES				
RAL 7035 Light Gray:				
Catalog Number	HG0500504	HG0500504	HG0500504	HG0500504
RAL 9011 Black:				
Catalog Number	HG0500503	HG0500503	HG0500503	HG0500503
ACCESSORIES				
Replacement Filters:				
Type 12 / IP54 Catalog Number	89134424R	89134424R	89134424R	89134424R
Type 12 / IP55 Catalog Number	89136408R	89136408R	89136408R	89136408R
Thermostat Catalog Number (°F)	THERM16F	THERM26F	—	—
Thermostat Catalog Number (°C)	THERM16C	THERM26C	—	—
Shroud Catalog Number	HH05GS35001, HH05GS61001, HH05SS04001			

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

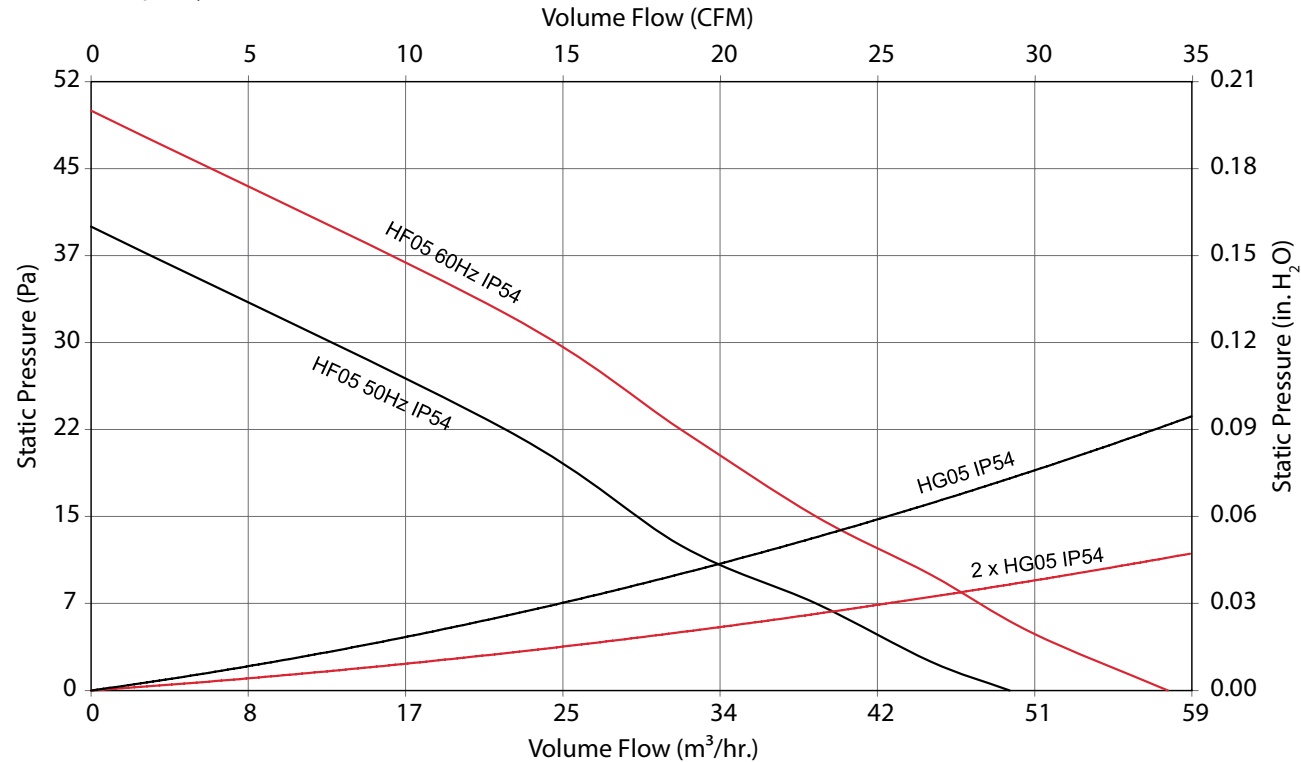
Unit depth is from the back edge of the grille to the back of the fan.

Exhaust Grilles sold separately.

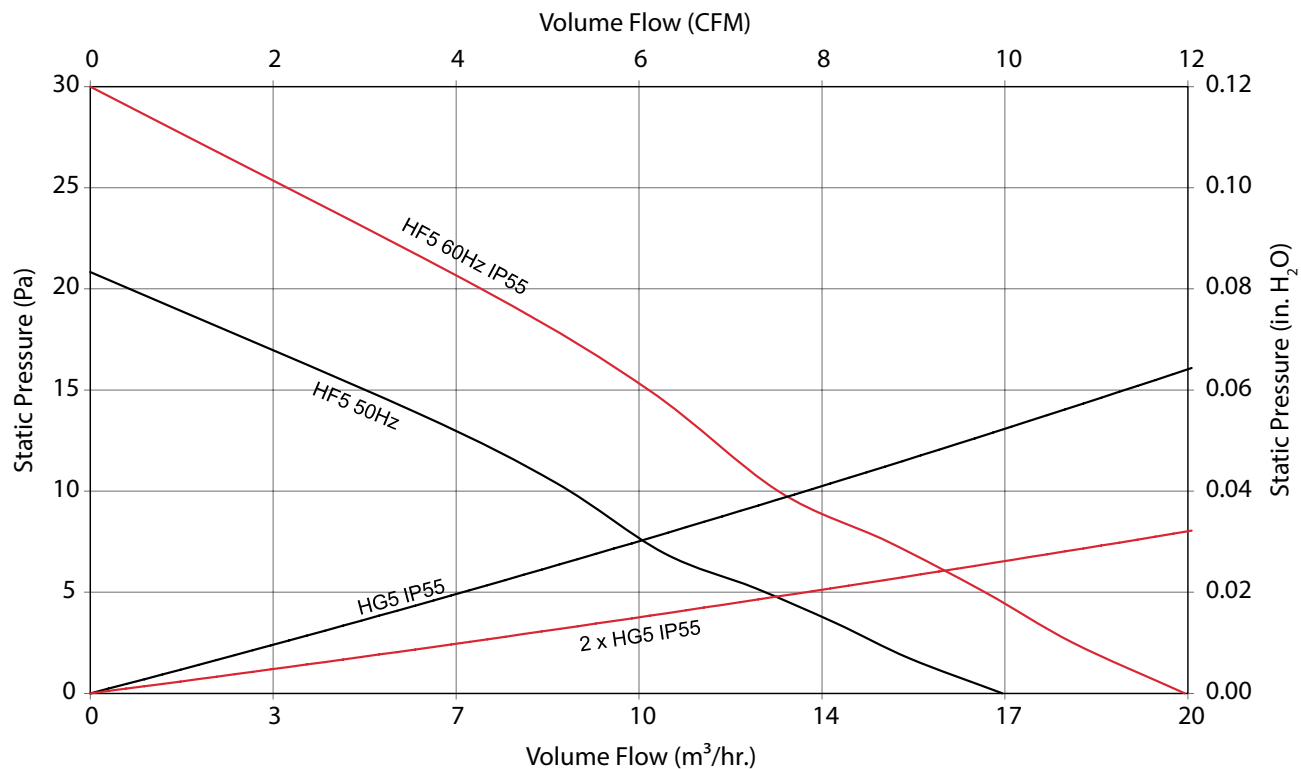
* This indicates a DC Voltage.

Performance Curves for HF05 Models 35 CFM (59 m³/hr.) Side-Mount Filter Fans

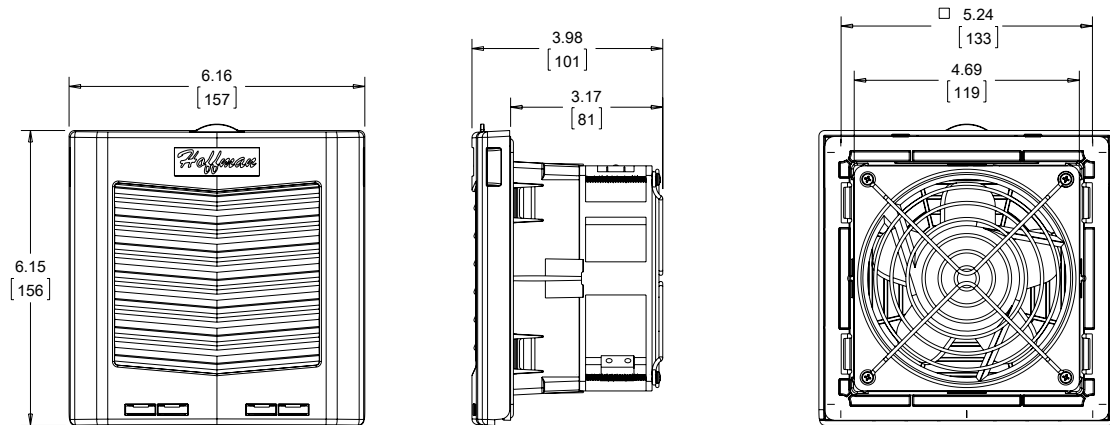
HF05 Capacity Curve, IP54



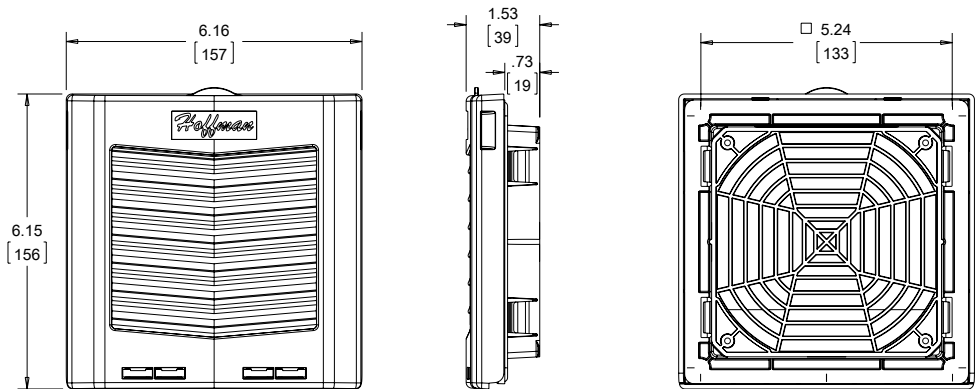
HF05 Capacity Curve, IP55



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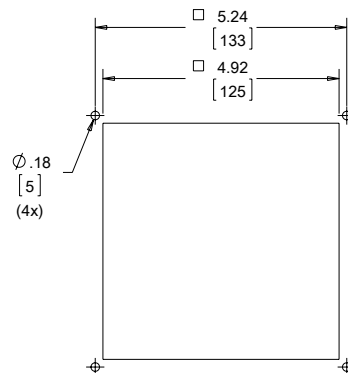


Exhaust Grille



Order exhaust grille kits separately.

89140583



Cutout Dimensions

Visit nVent.com/HOFFMAN to download 2D and 3D CAD drawings into the overall design of your electrical system.