

FAN/FILTER ASSEMBLY FOR NEMA 12 PRODUCTS

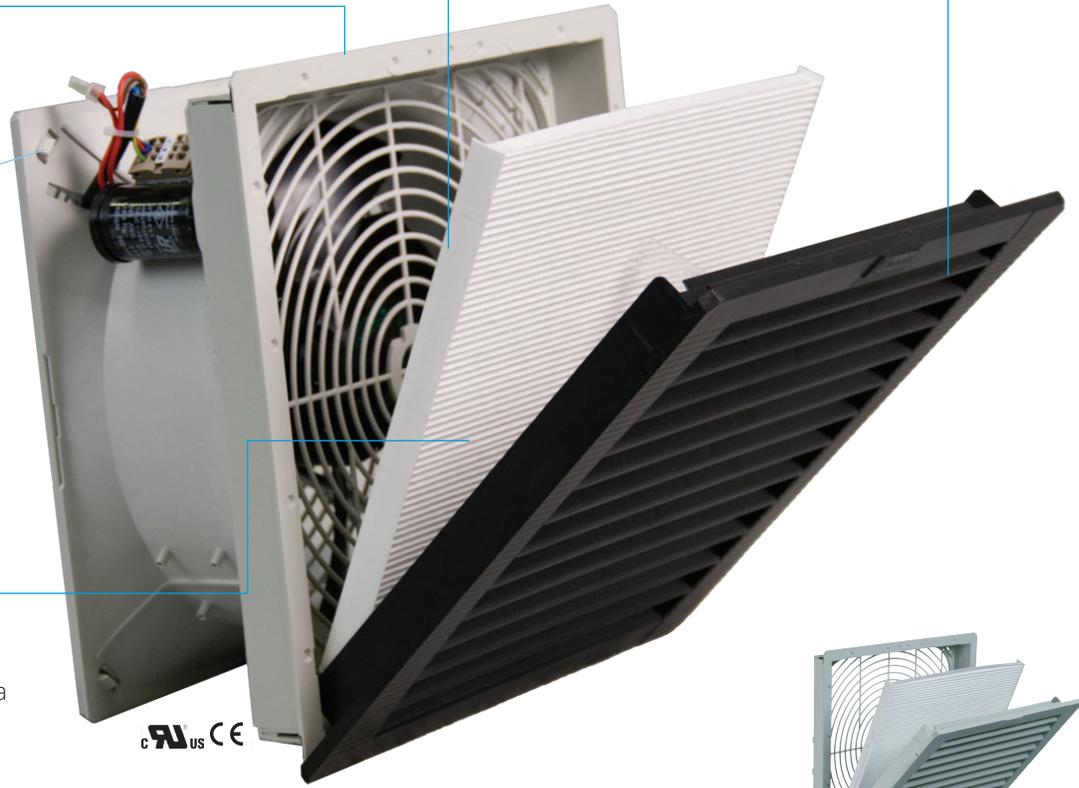
NEMA Type 12 Protection
The closed frame design prevents unfiltered air from penetrating the cabinet.

Highest Quality Fans
German manufactured fans that exceed industry standards for quality, performance and service life.

Highest System Airflow Compared to Competitors Filter Fans. The design of the louvers supports the greatest airflow while further protecting against airborne dust and dirt.

Patented Tool-Less 4 Corner Fastening System
The patented fastening system allows for fast installation (possible to install in seconds) and easy removal reducing MTTR.

300% Longer Service Time via Patented Fluted Filter Mat
A larger surface area on the filter mat allows for a high filtration level, greater service life and maximum airflow. Saving time and money.



Fan Filter Assembly



Exhaust Filter Assembly

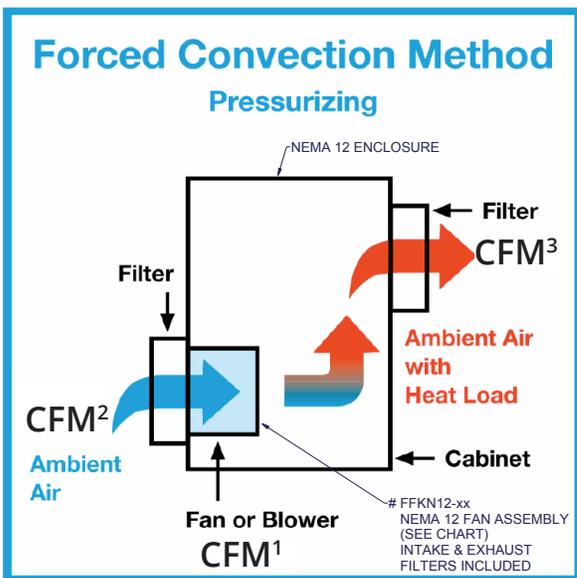
PART NUMBER	DESCRIPTION
FFKN12-A2	295 CFM Fan assembly with 10' cord (18 gauge; 5-15P; SVT 105 degree Celsius; 10A-125V), includes fan/filter assembly and exhaust filter assembly, use with NEMA 12 cabinets
FFKN12-A3	368 CFM Fan assembly with 10' cord (18 gauge; 5-15P; SVT 105 degree Celsius; 10A-125V), includes fan/filter assembly and exhaust filter assembly, use with NEMA 12 cabinets
FILTER-09	Package of five replacement filters for FFKN12- A2/A3
FFKN12-A4	28 CFM Fan assembly with 6' cord (18 gauge; 5-15P; SVT 105 degree Celsius; 10A-125V), includes fan/filter assembly and exhaust filter assembly, use with NEMA 12 wall mounts
FILTER-10	Package of five replacement filters for FFKN12- A4

FAN/FILTER ASSEMBLY

PRODUCT SPECS	FFKN12-A2	FFKN12-A3	FFKN12-A4
VOLTAGE	115V	115V	115V
WEIGHT	8 lbs.	8 lbs.	2 lbs.
NOISE LEVEL	64 dB (A), EN ISO 3741	66, 69 dB (A), EN ISO 3741	44 dB (A), EN ISO 3741
TYPE OF CONNECTION	Spring-type terminal	Spring-type terminal	Terminal strip
BEARING TYPE	Ball bearing	Ball bearing	Sleeve bearing
POWER CONSUMPTION	160 Watts	195 Watts	20 Watts
CUT-OUT DIMENSION	12.6" x 12.6" x 6.18"	12.6" x 12.6" x 6.18"	5.71" x 5.71" x 2.76"
UNIMPEDED AIRFLOW ²	462 CFM ²	560 CFM ²	38 CFM ²
AIRFLOW RATE IN COMBINATION ³	(PF + PFA 40.000) 295 CFM ³	(PF + PFA 60.000) 368 CFM ³	(PF + PFA 20.000) 28 CFM ³
CUT-OUT DIMENSION	292 x 292 mm	292 x 292 mm	125 x 125 mm
DESIGN	Housing and protection against accidental contact - Made of injection-molded thermoplastic, Self-extinguishing, UL 94 VO		
SERVICE LIFE	L ₁₀ (+ 40 °C) - 40,000 h / 37,500 h / 62,500 h (DC)		
APPROVALS	UL, cUL, CE, (on request: GOST)		
SYSTEM OF PROTECTION	(UL 50) - NEMA Type 12 - fluted filter		
FILTER MAT QUALITY CLASS	G 4		
FILTRATION EFFICIENCY	Filtering efficiency is 98% at 10 microns (talcum powder), 92% at 5 microns, 58% at 1 micron and 35% at .5 micron		

EXHAUST FILTER ASSEMBLY

PRODUCT SPECS	FFKN12-A2	FFKN12-A3	FFKN12-A4
DIMENSION	12.6" x 12.6" x 1.8"	12.6" x 12.6" x 1.8"	5.71" x 5.71" x 1.22"
CUT-OUT DIMENSION	292 x 292 mm	292 x 292 mm	125 x 125 mm
DESIGN	(housing and protection against accidental contact)- made of injection-molded thermoplastic, self-extinguishing, UL 94 VO		
FOAM SEAL	Integrated to cabinet		
FASTENER	Simple fastener without screws		
FILTER	Simple filter mat exchange		
APPROVALS	UL, cUL, CE, (on request: GOST)		
SYSTEM OF PROTECTION	(UL 50) - NEMA Type 12 - fluted filter		
FILTER MAT QUALITY CLASS	G 4		
COLOR	RAL 9011 (Black)		



MODEL	CFM ¹ Fan only rating	CFM ² Fan with filter & louvre rating (free flow)	CFM ³ System rating with exhaust (includes static pressure drop)
FFKN12-A2	1024	462	295
FFKN12-A3	1250	560	368
FFKN12-A4	105	38	28