

Filter Fan Kits *DNFF Series*

Filtered cooling fan kits that provide clean airflow while helping protect industrial enclosures and rack cabinets from dust and airborne contaminants.

Key Features and Benefits



- AC cooling fan with integrated filter system provides clean airflow while helping reduce dust entering industrial enclosures and rack cabinets. Available in airflow ratings from 32 CFM to 550 CFM.
- Hard-wired design is ideal for industrial control panels and permanently installed equipment where a standard AC plug is not desired. Can be used with or without an external thermostat.
- Filter media helps reduce dust and airborne contaminants, extending the life of sensitive electronics.
- Flame-retardant ABS filter grille is available in Black, ANSI 61 Gray, and RAL 7035 Light Gray to match Hammond cabinets and enclosures.
- Complete kit includes fan, plastic filter grille, replaceable filter, metal safety guard, wiring leads or cord (model dependent), and mounting hardware.
- Available in 115 VAC and 230 VAC models with fan sizes from 80 mm to 254 mm for a wide range of cooling requirements.
- Replacement filter media is available separately to simplify routine maintenance and extend service life.
- Fan components are UL Recognized to UL 507 and cUL Recognized or CSA Certified to CSA-C22.2 No. 113.
- RoHS and REACH compliant.

The DNFF Series Filter Fan Kits provide reliable cooling while helping protect sensitive electronics from dust and airborne contaminants. By combining a high-quality AC fan with an IP5X-rated replaceable filter, the DNFF Series delivers clean airflow that helps maintain safe operating temperatures inside industrial enclosures, electrical cabinets, and rack systems.

Designed for hard-wired installations, the DNFF Series is ideal for OEM equipment, industrial automation, telecommunications, and control panels where permanent wiring is preferred. Available in multiple fan sizes, voltages, and airflow ratings, each kit includes everything needed for installation, while replacement filter media makes long-term maintenance simple. Complementary XPFA exhaust filter grilles are available for balanced enclosure ventilation.

When Another Product May Be a Better Choice

- When you need a plug-in fan kit for rack cabinets, choose the **DNFK** Series High-Airflow Fan Kits.
- When you need automatic temperature control, choose the **DTFK** Series Thermostat-Controlled Fan Kits.
- When you only need a filtered exhaust opening without a fan, choose the **XPFA** Series Exhaust Filter Grilles.
- When replacing worn filter media, use the **PFF** Series Replacement Filters.

Accessories

- Metal Fan Guard
- Filter Fan Grills

- Thermostats
- Fan Cords

Filter Fan (Always On)

Part No.	Part No.	Part No.					
Black Filter Grill	ANSI 61 Gray Filter Grill	Light Gray Filter Grill	VAC	Fan Size	CFM	Cord Length	Noise (dB)
DNFF080BK115	DNFF080GY115	DNFF080LG115	115	3.15	32	11 Inch leads	34
DNFF120BK115	DNFF120GY115	DNFF120LG115	115	4.70	105	24 Inch cord	56
DNFF150BK115	DNFF150GY115	DNFF150LG115	115	6.00	230	12 Inch leads	53
DNFF254BK115	DNFF254GY115	DNFF254LG115	115	10.00	550	24 Inch cord	60
DNFF080BK230	DNFF080GY230	DNFF080LG230	230	3.15	32	11 Inch leads	34
DNFF120BK230	DNFF120GY230	DNFF120LG230	230	4.70	105	24 Inch cord	56
DNFF150BK230	DNFF150GY230	DNFF150LG230	230	6.00	230	12 Inch leads	53
DNFF254BK230	DNFF254GY230	DNFF254LG230	230	10.00	550	24 Inch cord	60

Replacement Filters (Sold in Pack of 5)

Part No.	Use with Fan Size	Use with XPFA Series	Use with DNFF Series
PFF1000	3.15	XPFA80	DNFF080
PFF2000	4.70	XPFA120	DNFF120
PFF4000	7.72	XPFA150	DNFF150
PFF6000	12.00	XPFA254	DNFF254

Where the DNFF Series Works Best

- Industrial control panels and automation equipment.
- Dusty manufacturing environments.
- Electrical enclosures requiring filtered ventilation.
- Telecommunications and networking cabinets.
- Edge computing and remote equipment enclosures.
- OEM equipment requiring hard-wired cooling.

Best Applications

- Cooling PLCs, drives, and industrial controls.
- Providing filtered airflow for network equipment.
- Maintaining positive airflow in sealed enclosures.
- Reducing dust buildup inside electrical cabinets.
- Retrofitting enclosures with filtered active cooling.

Tags: filter fan kit, enclosure filter fan, cabinet filter fan, filtered cooling fan, panel filter fan, electrical enclosure fan, cabinet ventilation fan, filtered ventilation kit, enclosure cooling fan, industrial filter fan, fan and filter kit

Data subject to change without notice.