



# product spotlight

## FFKN12-A4 - FAN/FILTER ASSEMBLY AND EXHAUST FILTER ASSEMBLY, FOR NEMA 12K WALL MOUNT

### 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.



### Globally Compatible

ERP compliant to meet European efficiency directives. Units also comply with additional national and international standards, e.g. TÜV, NEMA, UL, CSA and EAC.

### Versatile Options

Options including UV Protected Plastic for use in direct sunlight, EMC shielding to attenuate RF signals and exhausting fans for custom applications.



## FAN /FILTER ASSEMBLY

- Airflow rate up to 28 CFM
- System of protection IP 55, NEMA type 12
- Cut-out dimensions: 291 x 291 mm

### SPECS:

- Available voltages  $\pm 10\%$  - 115 V, 230 V, 24 VDC
- 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)
- Weight - 1.5 lb / .97 (DC)
- Noise level (EN ISO 3741) - 44 dB (A)
- Type of connection - terminal strip / cable, 2 core, length 310 mm
- Bearing type - sleeve bearing / ball bearing (DC)
- Approvals - UL, cUL, CE, (on request: GOST)
- Power consumption - 20 W / 18 W / 5 W (DC)
- Width x height x depth - 5.71" x 5.71" x 2.76"
- System of protection (EN 60529) - IP 55
- System of protection (UL 50) - NEMA Type 12 - fluted filter
- Filter mat quality class - G 4
- Unimpeded airflow - 38 CFM
- Airflow rate in combination (PF + PFA 20.000) - 28 CFM
- Filtration efficiency - 91%



## EXHAUST FILTER ASSEMBLY

- Snap fastener without screws
- Simple filter mat exchange
- With integrated foam seal to enclosure
- W x H x D: 5.71" x 5.71" x 1.22"
- Cut-out dimensions: 125 x 125 mm
- RAL 9011 (Black)

### SPECS:

- Design (housing and protection against accidental contact)- made of injection-molded thermoplastic, self-extinguishing, UL 94 VO
- Approvals - UL, cUL, CE, (on request: GOST)
- System of protection (EN 60529 / UL 50) - NEMA type 12 - fluted filter
- Filter mat quality class - G 4

## PART NO.

FFKN12-A4

FILTER-10

## DESCRIPTION

Fan assembly for NEMA 12K wall mounts; includes fan/filter assembly and exhaust filter assembly

Package of five replacement filters

### CORPORATE HEADQUARTERS

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