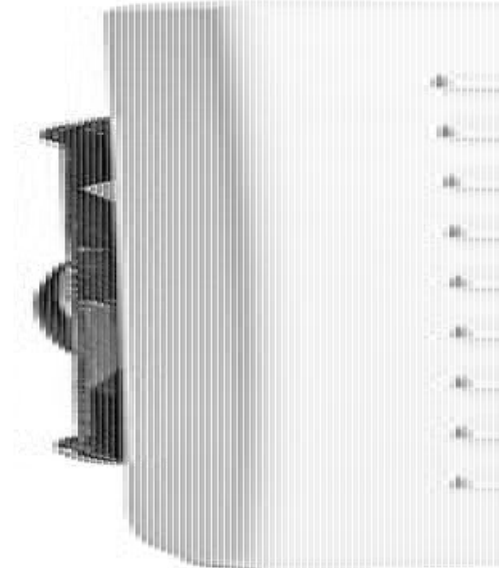


FILTER FAN PLUS - AIRFLOW OUT FPO

01880.0-00

FPO 018 Fan, 92 x 92 mm, 24m³/h, 230V ac, Air-flap

- New air-flap outlet technology for high airflow
- Single filter mat system
- Easy mounting
- IP54



PRODUCT DESCRIPTION

Filter fans are used to provide "cooling" by forced air-circulation in enclosures and cabinets containing electrical/electronic and other components. The interior temperature of an enclosure can be reduced by drawing cooler, filtered outside air into the enclosure and expelling hot inside air. The resulting airflow prevents formation of localised hot pockets and protects electronic components from overheating.

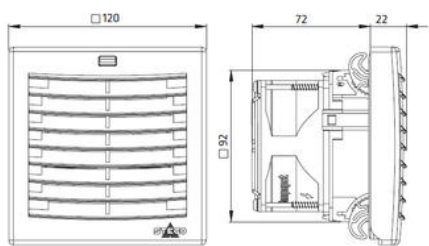
The Filter Fan Plus series uses a new air-flap technology on the air outlet side, thereby reaching an unparalleled high degree of airflow. A unique ratchet mechanism is used for easy installation. It provides safe and secure mounting while guaranteeing a tight seal.

Depending on the requirements there are two optional systems available – the [FPI](#) or the FPO system ([FPI](#) = "in", FPO = "out").

The FPO system consists of an intake filter and exhaust filter fan with air flaps. The Filter Fan Plus series has been designed for indoor use. For added outdoor applications a [protective hood](#) is available.

SPECIFICATIONS

Air Capacity	24 m³/h
Air Volume Free Blowing	24 m³/h
Air Volume Free Blowing With G3 Filter	15 m³/h
Approvals	CE, cULus, EAC, NEMA, RoHS, UL, UL E234324, UV - UL746C (f1), VDE
Color	Grey RAL 7035
Depth	94 mm
Flamklass	UL94-V0
Frequenze	50/60 Hz
Height	120 mm
Humidity Storage	<90% RH
IP Class	IP54
Life span	50000 h
Material fan	Steel
Material of rotor	Aluminium
Material Plastic Housing	Plastic
Number of fans	1
Operating Humidity	< 90% RH
Operational Temperature	-40°C ... +70°C
Power Consumption	70 mA
Power Consumption	12 W
Punching	92x92 mm
Sound level	38 dB
Storage temperature	-40°C ... +70°C
Structural Depth	72 mm
Weight	0,6 kg
Width	120 mm
Voltage max	230 V ac
Voltage min	230 V ac



FPD 018

