

fan filter assemblies – PMFA Series

Description

A family of filters for use with the main sizes of axial fans, i.e. 60mm², 80mm², 92mm², 119mm² and 150/172mm diameter. All filter assemblies mount directly on to the existing fixing locations. The 60mm² assembly is compact and low profile by design, with a similar version also available in the 80mm² model.

Construction

The assembly consists of three parts; an outer grill cover, an inner fixing plate and a filter pad. The grill cover is moulded in polycarbonate with a matt finish. It incorporates quick release fasteners to assist easy changing of the filter pad. The inner fixing plate is constructed of steel sheet, with a matt black epoxy powder finish. A welded wire screen provides

protection when the filter pad is changed with the fan still running.

The filter pad is made of white synthetic bonded fibre to specification P15/I150R.

Filter Performance

The filter pad will achieve a 75% dust particle retention down to 5-10 microns in size and can withstand temperatures of up to 100°C. The pad is also flame resistant to BS2963. A reduction in airflow of around 20-30% can be expected with a clean filter assembly fitted.

Features

- Tough, durable construction
- Quick change filter pad
- Fit fans from 60mm² to Ø172mm
- Utilise existing hole fixing positions on most PAPST fans
- Filter pad can be changed without switching off fan.

Ordering Information (filter assemblies)

Part No.	Fan size	A	B	C	D
PMFA60L	60mm ²	65	65	13.5	50
PMFA80L	80mm ²	85	85	14	71.5
PMFA80	80mm ²	125	105	17.5	71.5
PMFA90	92mm ²	125	105	17.5	82.5
PMFA120	119mm ²	162	136	18.5	104.8
PMFA160	150/172Ø	226	190	19.5	162

Ordering Information (spare filter pads)

Pad Part No.	Assembly Part No.	Pack Qty
FP60L	PMFA60L	5
FP80L	PMFA80L	5
FP80	PMFA80	5
FP90	PMFA90	5
PMFA120	PMFA120	5
PMFA160	PMFA160	5

All measurements in mm.

