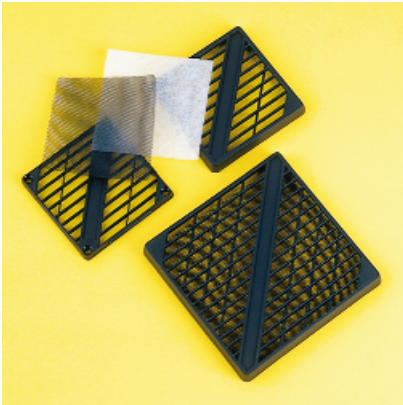


# air filters



## fan filter assemblies – PMFA 'T' Series

### Description

A family of low profile filter assemblies designed for use with both 80mm<sup>2</sup> and 119mm<sup>2</sup> PAPST axial fans. In both cases, the filter assemblies mount directly on to the existing fixing locations. The 'T' series is a compact design yet very robust for where space is at a premium.

### Construction

The assembly consists of four parts, an outer cover, a filter pad, a mesh screen and a finger guard. The cover, mesh and finger guard are moulded in 'Zytel' nylon resin. The inclusion of a finger guard as part of the assembly will allow the filter medium to be

changed without the equipment having to be switched off. The pad is manufactured from white polyester type KS-22.

### Filter Performance

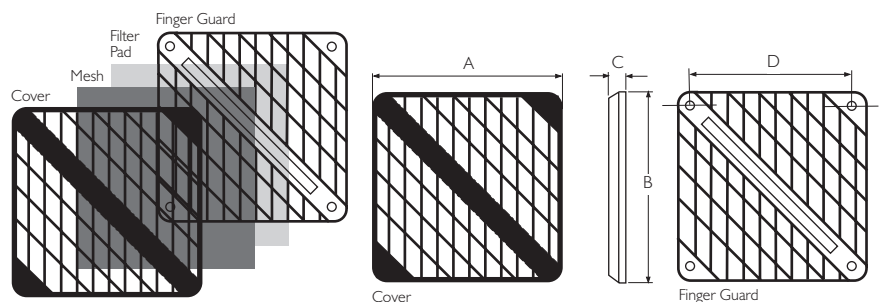
The KS-22 pad will achieve a 60% dust particle retention and is heat resistant to 100°C. A reduction in airflow of around 10-30% can be expected in some applications when fitting the filter assembly.

### Features

- Compact, low profile design
- Rugged construction
- Quick change filter pad
- Fits both 80mm<sup>2</sup> and 119mm<sup>2</sup> fans
- Utilise existing hole fixing positions
- Filter pad can be changed without switching off fan as the finger guard remains in place.

### Dimensions

Fan size	A	B	C	D
80mm <sup>2</sup>	86.5	86.5	11	71.5
119mm <sup>2</sup>	126	126	13.5	104.8



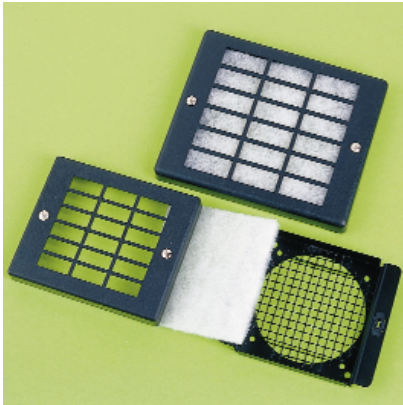
### Ordering information (filter assemblies)

Fan series	Size	Part number
8000	80mm <sup>2</sup>	PMFA80T
4000	119mm <sup>2</sup>	PMFA120T

### Ordering information (spare filter pads)

Filter assembly	Pack details	Part number
PMFA80T	Pack of 5	FP80T
PMFA120T	Pack of 5	FP120T

All measurements in mm.



## fan filter assemblies – PMFA Series

### Description

A family of filters for use with the main sizes of axial fans, i.e. 60mm<sup>2</sup>, 80mm<sup>2</sup>, 92mm<sup>2</sup>, 119mm<sup>2</sup> and 150/172mm diameter. All filter assemblies mount directly on to the existing fixing locations. The 60mm<sup>2</sup> assembly is compact and low profile by design, with a similar version also available in the 80mm<sup>2</sup> 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.

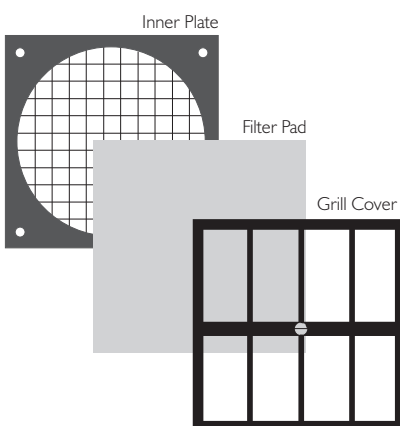
The filter pad is made of white synthetic bonded fibre to specification P15/150R.

### 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 60mm<sup>2</sup> 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 <sup>2</sup>	65	65	13.5	50
PMFA80L	80mm <sup>2</sup>	85	85	14	71.5
PMFA80	80mm <sup>2</sup>	125	105	17.5	71.5
PMFA90	92mm <sup>2</sup>	125	105	17.5	82.5
PMFA120	119mm <sup>2</sup>	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.