

# Macropac Pleated Filter for Coarse and Fine Dust



CLEAN  
AIR



POWER  
GENERATION



CLEAN  
ROOM



INDUSTRIAL

**Macropac is used in air conditioning applications providing optimisation of air filtration to a small filtration area. With a compact construction and a depth of 96 mm, a large filter area and high dust holding capacity, are key features of this filter.**

Independently tested, filters reach class G4 according to EN 779. Fire resistance is according to DIN 4102 class B.

## CONSTRUCTION

Macropac is based on non-woven media layers of varying efficiencies. The patented assembly method ensures that the media is pleated at optimised distances and held with flexible distance holders. In this way the filter packs are secured tightly in the frames, ensuring a good seal. Changing the filter is also a simple task requiring no tools.

## KEY FACTS

- Maintenance free: For simple, low cost of ownership
- Large filter area: Provides a long service life and high dust holding capacity
- No dust break through: For assured performance
- Patented, flexible pleat distance holders: Allows a uniform air flow across the filter surface
- Free from metal and fully incinerable: For easy, environmentally friendly disposal



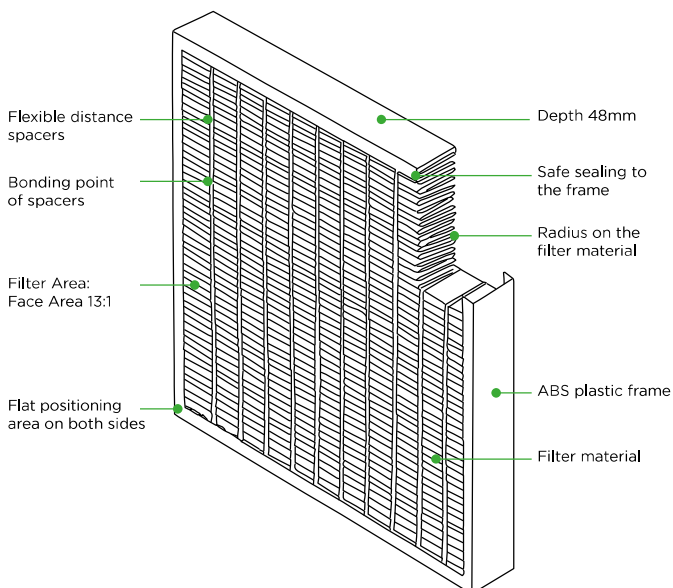
# Macropac

## Technical Data

Technical Data				
Dimensions of Frame	mm	287 x 592 x 130	490 x 592 x 130	592 x 592 x 130
Dimensions of Filter	mm	245 x 450 x 96	450 x 550 x 96	550 x 550 x 96

G4 Type	Unit	MW 30 B	MW 30 B	MW 30 B
Average Arrestance (EN 779)	%	> 90	> 90	> 90
Nominal Air Flow	m <sup>3</sup> /h	1,700	2,550	3,400
Initial Pressure Drop	Pa	50	50	50

Macrofalt General Data				
Recommended Final Pressure Drop	Pa	280	280	280
Relative Air Humidity	%	100	100	100
Continuous Operating Temperature	°C	80	80	80
Filter Area	m <sup>2</sup>	3.2	5.7	6.4
Weight	kg	2.0	2.6	3.4



**PRESSURE DROP / AIR FLOW**

