

MACROFALT and MACROPAC

Frame filters with folded filter medium

Filtration class according to EN 779:2012

G4, M5

Delivery options

592 (w) × 592 (h) mm

287 (w) × 592 (h) mm

490 (w) × 592 (h) mm

287 (w) × 287 (h) mm

Possibility of regeneration

no



Filter properties

The MACROFALT and MACROPAC filter elements represent a revolutionary solution for separation of coarse and fine dust particles in the field of ventilation and air-conditioning. The filter pleat with elastic separators is inserted and sealed into a plastic frame. The filters feature a large filtration area and long service life.

Field of application

They are used as the first or the only filtration stage in all air-conditioning and air-handling units.

Material

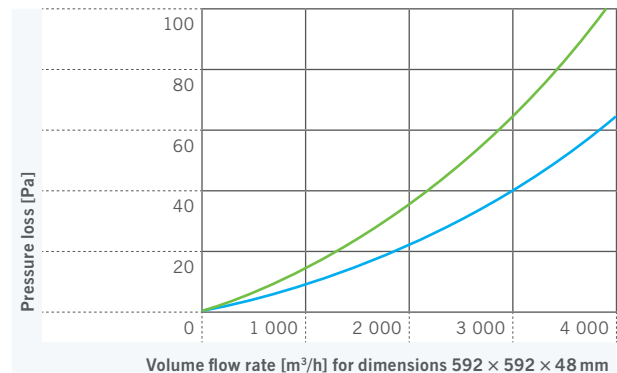
Glass fibre filter pleat

Waste disposal

Incineration in appropriate incinerators

Pressure loss diagram

- MACROFALT G4, MACROPAC G4
- MACROFALT M5, MACROPAC M5



Technical data	Unit of measure	MACROFALT 592 × 592 × 48 mm		MACROPAC 592 × 592 × 96 mm	
		G4	M5	G4	M5
Filtration class according to EN 779:2012	–	G4	M5	G4	M5
Mean separation (A_m) according to EN 779:2012	%	>90	96	>90	96
Mean efficiency (E_m) for 0.4 μ m particles according to EN 779:2012	%	–	40–60	–	40–60
Nominal air flow rate for a filter element of dimensions 592 × 592 × 48 mm	m³/h	3,400	3,400	3,400	3,400
Initial pressure loss at nominal load	Pa	50	80	50	80
Recommended final pressure loss	Pa	250	250	280	280
Maximum thermal resistance	°C	80	80	80	80