

PF METAL COMPACT



AIR TREATMENT SOLUTIONS

DESCRIPTION

The PF METAL COMPACT prefilter consists of a series of three filters in mesh and aluminum mesh specifically designed to gradually break down the coarse particles of calamines, soaps and fats present in the oily vapors of industrial production and in kitchens. The progression of the filtration system allows the capture of these coarse particles so as to prolong the life of the electrostatic filters, reducing the accumulation of heavy substances in the electrostatic filters, so that they can work for a longer period on fine and ultra-fine particles of the vapors oily.

The components of the prefilter are separable so as to allow easy cleaning during maintenance.

EFFICIENCY: The reduction efficiency of the prefilter is comparable to that of a filter type G4 [EN 779] and ISO COARSE 90% [ISO 16890] with pressure drops of 100 Pa @ 3.5 m/s.

No tools are required for mounting or opening the prefilter.

TECHNICAL SPECIFICATIONS

PF METAL COMPACT CODES	DIMENSIONS mm	AIRFLOW m ³ /h	PRESSURE DROPS Pa	ISO COARSE ISO 16890	EFFICIENCY EN 779
BB5216	592x592x95	3.600	100	90%	G4
BB5218	592x287x95	1.000	100	90%	G4
BB5219	490x287x95	800	100	90%	G4
BB5217	490x490x95	2.100	100	90%	G4
BB5214	592x490x95	2.100	100	90%	G4
BB5225	287x287x95	700	100	90%	G4

COMPOSITION:

The PF METAL COMPACT filter is composed of a first prefilter in a 12.5mm thick mesh [1] to consolidate and retain the particles with diameter > 1000µm, followed by a 40mm pre-filter [2] composed of 5 layers of unpressed aluminum stocking to hold the particles of the order of 300µm, followed by a third prefilter also of 40mm [3] consisting of 20 layers of aluminum stocking pressed to hold particles of the order of 10 µm.

