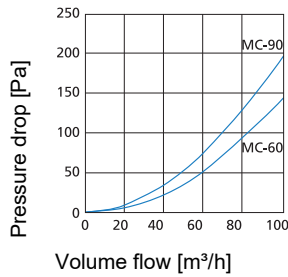




Pressure drop curve
applies for size 592 x 592 x 292 mm



Filter Elements MultiCol

Wave-shaped aluminium separators are used for stabilisation instead of synthetic threads, package of folds in galvanized steel frame; as an option flange is available on the dust-air side (EF model) or on the dust and pure-air side (DF model).

Application:

Filtration of supply or extract air in climate control and air handling unit.

Areas of application:

In areas with very irregular air flows involving unusual turbulences and high dust concentration;

MultiCol are by default designed including grip protection.



Frame material
galvanized steel

Filter class as of EN 779:2012
M6 & F8

For the NEW filter class as of ISO 16890:2016
refer to table

Filter media
Micro glass fiber paper

Temperature resistance
< 80 °C

Technical data

MultiCol		DF60/EF60	DF90/EF90
Filter class	[EN 779:2012]	M6	F8
NEW filter class	[ISO 16890:2016]	ISO ePM_{2.5} 55 %	ISO ePM₁ 60 %
Installation depth	[mm]	292	292
Nominal air volume flow	[m³/h]	3.400	3.400
Initial pressure drop	[Pa]	130	175
Maximum allowed pressure drop	[Pa]	450	450
Filter surface area	[m²]	10	10
Mean degree of arrestance	[%]	98	98
Mean filtration efficiency	[%]	66	91
Max. operating temperature	[°C]	80	80

Tab. 1:

Filter Surface Area in relation to Model Size	Model Size 6 592 x 592 mm	Model Size 5 490 x 592 mm	Model Size 1 and 3 287 x 592 mm
A (Standard model)	10 m²	8.2 m²	4.6 m²
B (Extended surface model)	13 m²	10.6 m²	5.9 m²
C (Reduced surface model)	8 m²	6.5 m²	3.6 m²

Tab. 2: