

Compact Filters

Multifil

Application

MULTIFIL Filters are fine dust filters remove air contamination such as fine dust, smoke, vapor, pollen, bacteria or as prefilters for HEPA and ULPA Filters in air conditioning systems.

Advantages

- Large filter surface with compact construction
- Low installation depth
- High dust holding capacity
- High air flow capacity with low pressure drop
- High economic efficiency
- Reduced energy operating costs
- Without pollutant emission fully incinerable
- High bursting pressure, dust migration impossible
- Can be installed horizontally as well as vertically



COMPACT FILTERS MULTIFIL

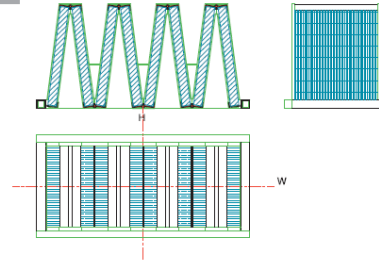




Compact Filters

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Properties				
UNI EN 779 CLASS	F6	F7	F8	F9
Average Efficiency E_m %	60-80	80-90	90-95	> 95
Initial Pressure Loss	100 Pa	115 Pa	125 Pa	155 Pa
Recommended Final Pressure Drop	600 Pa	600 Pa	600 Pa	600 Pa
Max. Final Pressure Drop	800 Pa	800 Pa	800 Pa	800 Pa
Continuous Temperature Resistance	80°C	80°C	80°C	80°C
Max. Relative Humidity Resistance	100%	100%	100%	100%
Frame	Full Plastic			
Media	Microfine glass media in a mini pleat design			
Seperators	Thermoplastic			
Fire Resistance Class	K1 / F1 according to DIN 53438			
Filter Stage	II - III			



Optional with foamed hygiene-gasket on the dust air side
 Plastic header frame is completely incinerable
 Optional High-Temperature Multifil available

Code/Dimensions WxHxD	Width mm	Height mm	Depth mm	Air Flow m^3/h	Pressure Drop Pa	Filtering Surface m^2
MF-PR4-287x592x292-F6	287	592	292	2125	100	9
MF-PR4-490x592x292-F6	490	592	292	3500	100	15
MF-PR4-592x592x292-F6	592	592	292	4250	100	18
MF-PR4-287x592x292-F7	287	592	292	2125	115	9
MF-PR4-490x592x292-F7	490	592	292	3500	115	15
MF-PR4-592x592x292-F7	592	592	292	4250	115	18
MF-PR4-287x592x292-F8	287	592	292	2125	125	9
MF-PR4-490x592x292-F8	490	592	292	3500	125	15
MF-PR4-592x592x292-F8	592	592	292	4250	125	18
MF-PR4-287x592x292-F9	287	592	292	2125	155	9
MF-PR4-490x592x292-F9	490	592	292	3500	155	15
MF-PR4-592x592x292-F9	592	592	292	4250	155	18

PRODUCT CODE

M F • P R 4 • w / h / d • F 6

