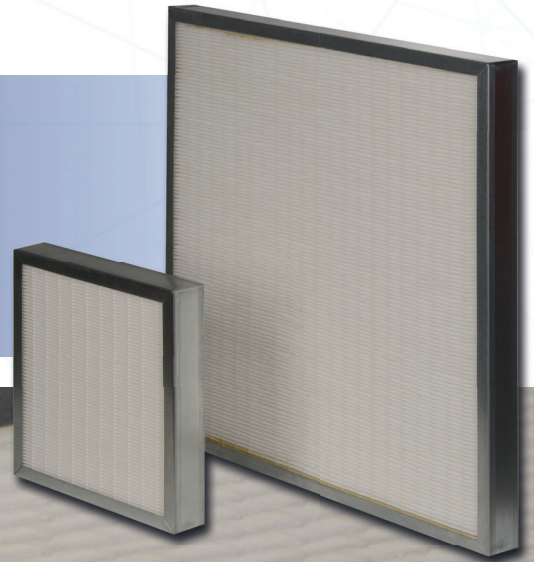


# PANEL FILTER

(METAL FRAME)



### Applications:

Capturing fine particles  
 Second or final stage filter in HVAC  
 Pre-filter for HEPA filters

### Highlights:

- Eurovent certified
- Large filtration area
- Simple and light weight
- High dust holding capacity
- Low initial pressure drop

Filter Standard:	ISO 16890	Standard depth:	48 - 96 mm
Filter Class:	ISO ePM1 - ISO ePM2,5- ISO ePM10	Faceguard:	Available on request
Media:	Glass Fiber	Gasket:	Available on request
Frame:	Galvanized	Sealing Compound:	Two component polyurethane
Rec. Final Pressure Drop EN13053:	Initial $\Delta P$ +100 Pa or initial $\Delta P$ x3 whichever is lower	Seperators:	Hotmelt
Max. Operating Temperature:	80°C		



## PANEL FILTER (METAL FRAME/G48)

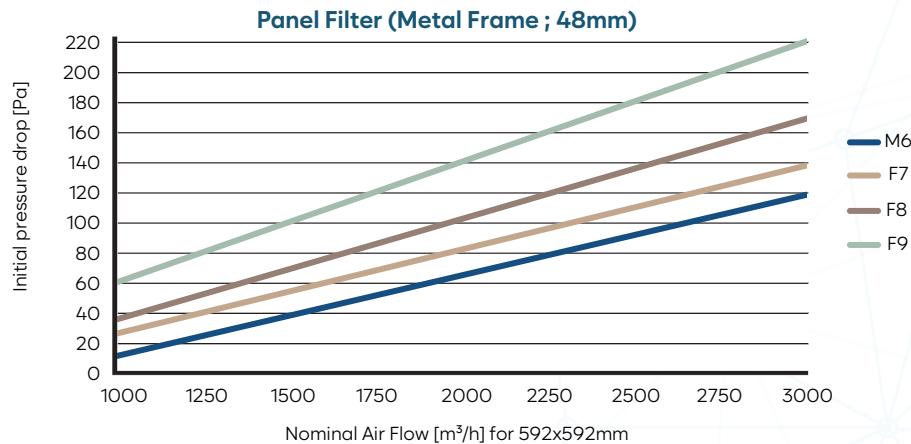
Filter Model	Filter Class		Dimensions WxHxD (mm)	Filtration Area (m <sup>2</sup> )	Nominal Airflow (m <sup>3</sup> /h)	Initial Pressure Drop (Pa)
	EN 779 (cancelled)	ISO 16890				
FP-M6-G-287-287-48-FW-W	M6	ePM10 75%	287x287x48	1,5	500	60
FP-M6-G-287-592-48-FW-W	M6	ePM10 75%	287x592x48	3	1000	60
FP-M6-G-490-592-48-FW-W	M6	ePM10 75%	490x592x48	5	1660	60
FP-M6-G-592-592-48-FW-W	M6	ePM10 75%	592x592x48	6	2000	60
FP-F7-G-287-287-48-FW-W	F7	ePM1 55%	287x287x48	1,5	500	80
FP-F7-G-287-592-48-FW-W	F7	ePM1 55%	287x592x48	3	1000	80
FP-F7-G-490-592-48-FW-W	F7	ePM1 55%	490x592x48	5	1660	80
FP-F7-G-592-592-48-FW-W	F7	ePM1 55%	592x592x48	6	2000	80
FP-F8-G-287-287-48-FW-W	F8	ePM1 75%	287x287x48	1,5	500	100
FP-F8-G-287-592-48-FW-W	F8	ePM1 75%	287x592x48	3	1000	100
FP-F8-G-490-592-48-FW-W	F8	ePM1 75%	490x592x48	5	1660	100
FP-F8-G-592-592-48-FW-W	F8	ePM1 75%	592x592x48	6	2000	100
FP-F9-G-287-287-48-FW-W	F9	ePM1 85%	287x287x48	1,5	500	145
FP-F9-G-287-592-48-FW-W	F9	ePM1 85%	287x592x48	3	1000	145
FP-F9-G-490-592-48-FW-W	F9	ePM1 85%	490x592x48	5	1660	145
FP-F9-G-592-592-48-FW-W	F9	ePM1 85%	592x592x48	6	2000	145

"Other dimensions are available on request."

"Differential Pressure Tolerance ( ±10% + 5 Pa ) or ( 10 Pa + 5 Pa ) whichever is greater"

### PANEL FILTER (METAL FRAME) CODE CONFIGURATION

Filter Type	Filter Class	Frame	Dimensions (mm)	Faceguard	Gasket
FP : Panel Filter (Metal Frame)	M6 F7 F8 F9	G : Galvanized	592x592x48	FW: Without FC: On Clean Side FD: On Dirty Side FB: On Both Sides	W: Without P: Continuous Pu Foam PP: Pu Foam on Both Sides E: EPDM EE: EPDM Flat On Both Sides C: Continuous Grey EPDM CC: Grey EPDM on Both Sides



## PANEL FILTER (METAL FRAME/G96)

Filter Model	Filter Class		Dimensions WxHxD (mm)	Filtration Area (m <sup>2</sup> )	Nominal Airflow (m <sup>3</sup> /h)	Initial Pressure Drop (Pa)
	EN 779 (cancelled)	ISO 16890				
FP-M6-G-287-287-96-FW-W	M6	ePM10 75%	287x287x96	3	750	70
FP-M6-G-287-592-96-FW-W	M6	ePM10 75%	287x592x96	6	1500	70
FP-M6-G-490-592-96-FW-W	M6	ePM10 75%	490x592x96	10	2500	70
FP-M6-G-592-592-96-FW-W	M6	ePM10 75%	592x592x96	12	3000	70
FP-F7-G-287-287-96-FW-W	F7	ePM1 55%	287x287x96	3	750	90
FP-F7-G-287-592-96-FW-W	F7	ePM1 55%	287x592x96	6	1500	90
FP-F7-G-490-592-96-FW-W	F7	ePM1 55%	490x592x96	10	2500	90
FP-F7-G-592-592-96-FW-W	F7	ePM1 55%	592x592x96	12	3000	90
FP-F8-G-287-287-96-FW-W	F8	ePM1 75%	287x287x96	3	750	110
FP-F8-G-287-592-96-FW-W	F8	ePM1 75%	287x592x96	6	1500	110
FP-F8-G-490-592-96-FW-W	F8	ePM1 75%	490x592x96	10	2500	110
FP-F8-G-592-592-96-FW-W	F8	ePM1 75%	592x592x96	12	3000	110
FP-F9-G-287-287-96-FW-W	F9	ePM1 85%	287x287x96	3	750	150
FP-F9-G-287-592-96-FW-W	F9	ePM1 85%	287x592x96	6	1500	150
FP-F9-G-490-592-96-FW-W	F9	ePM1 85%	490x592x96	10	2500	150
FP-F9-G-592-592-96-FW-W	F9	ePM1 85%	592x592x96	12	3000	150

"Other dimensions are available on request."

"Differential Pressure Tolerance ( ±10% + 5 Pa ) or ( 10 Pa + 5 Pa ) whichever is greater"

