

# AIR FILTER TECHNOLOGY

## PANEL FILTER

(Galvanized Metal or Plastic Frame)

### Specifications

- Large surface area
- Low pressure drop
- High quality glass fibre
- Small transport volume
- Airflow and installation in any direction possible
- Self-supporting and rigid
- Simple and light weight
- Easy installation
- Long service life



**Filter Standard;** EN779 and ISO16890

**Media;** Glass Fibre

**Frame Type;** Galvanized metal

**Faceguard;** Without (available on request)

**Gasket;** Without (available on request)

**Final Pressure Drop;** 450 Pa

**Max. Operating Temperature;** 75° C

**Application;** Prefilter for HVAC

**Sealing Compound;** Two component polyurethane

**Seperator;** Hotmelt



ULPATEK wide range of panel filters answer the demands of our customers to remove air contamination such as fine dust, smoke, vapour, soot, pollen, bacteria, etc. as prefilters or as final filters in air conditioning applications.

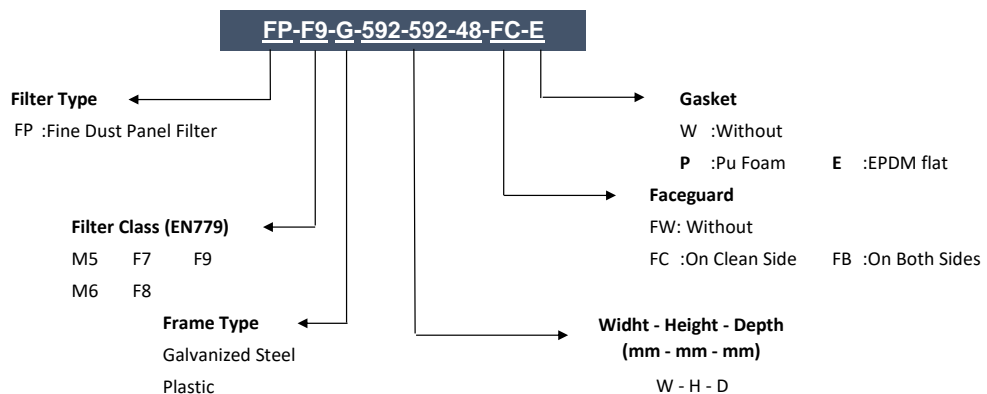
The high quality glass fibre media used in Panel Filter supply optimum performance with suitable pleat height. The water-resistant plastic frame provides extra assurance in high-humidity applications.

Panel Filters are suitable for all standard application in any efficiencies and sizes. For applications requiring increased service life, please select corresponding filters out of filter range.

Filter Pleat	Frame Depth	Filtration Area per m <sup>2</sup> Face Area	Nominal Air Flow for 592x592mm	Filter Class		Pack Resistance @Nominal Air Flow (Pa)
				(EN779)	(ISO16890)	
	48	17,1	2000	M6	ePM10 75%	60
				F7	ePM1 55%	80
				F8	ePM1 75%	100
				F9	ePM1 85%	145
	96	34,2	3000	M6	ePM10 75%	70
				F7	ePM1 55%	90
				F8	ePM1 70%	110
				F9	ePM1 85%	150

Other frame depths are available for special applications.

Panel Filters are tested in accordance with European Standard EN779:2012 and ISO 16890.



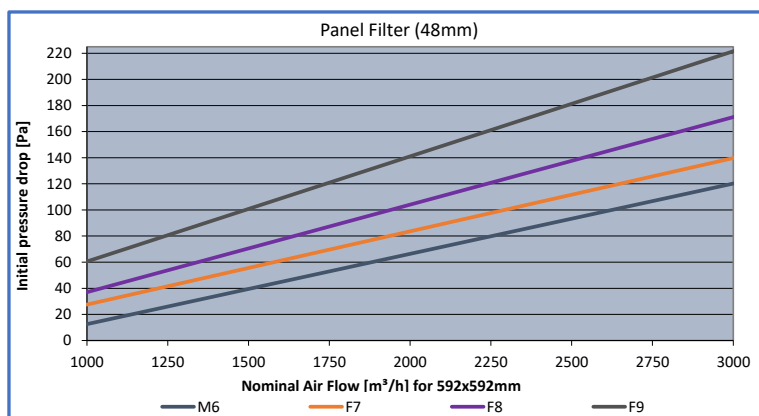
ADVANCED FILTRATION FOR A BETTER FUTURE!

**G - PANEL FILTER**

(Galvanized Metal Frame; 48mm)

Filter Model	Filter Class		Dimensions WxHxD (mm)	Filtration Area (m <sup>2</sup> )	Nominal Airflow (m <sup>3</sup> /h)	Initial Pressure Drop (Pa)
	EN779	ISO16890				
FP-M6-G-592-592-48	M6	ePM10 75%	592x592x48	6	2000	60
FP-M6-G-490-592-48	M6	ePM10 75%	490x592x48	5	1660	60
FP-M6-G-287-592-48	M6	ePM10 75%	287x592x48	3	1000	60
FP-M6-G-287-287-48	M6	ePM10 75%	287x287x48	1,5	500	60
FP-F7-G-592-592-48	F7	ePM1 55%	592x592x48	6	2000	80
FP-F7-G-490-592-48	F7	ePM1 55%	490x592x48	5	1660	80
FP-F7-G-287-592-48	F7	ePM1 55%	287x592x48	3	1000	80
FP-F7-G-287-287-48	F7	ePM1 55%	287x287x48	1,5	500	80
FP-F8-G-592-592-48	F8	ePM1 75%	592x592x48	6	2000	100
FP-F8-G-490-592-48	F8	ePM1 75%	490x592x48	5	1660	100
FP-F8-G-287-592-48	F8	ePM1 75%	287x592x48	3	1000	100
FP-F8-G-287-287-48	F8	ePM1 75%	287x287x48	1,5	500	100
FP-F9-G-592-592-48	F9	ePM1 85%	592x592x48	6	2000	145
FP-F9-G-490-592-48	F9	ePM1 85%	490x592x48	5	1660	145
FP-F9-G-287-592-48	F9	ePM1 85%	287x592x48	3	1000	145
FP-F9-G-287-287-48	F9	ePM1 85%	287x287x48	1,5	500	145

Other dimensions and depth sizes are available on request.



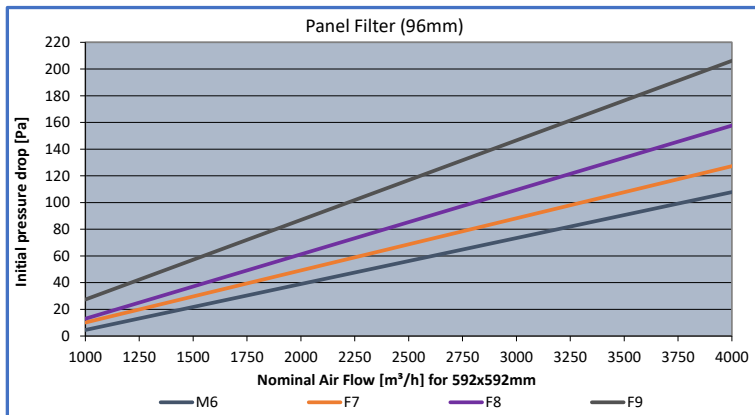
MP-M6-G-592-592-48		
Filter Model	Medium Panel	MP
Filter Class (EN779)	M6	M6
Filter Class (ISO16890)	ePM10 75%	ePM10 75%
Frame Material	Galvanized	G
Filter Dimensions	W-H (mm)	592-592
Filter Depth	48mm	48
Faceguard	Without	-
Gasket	Without	-

## G - PANEL FILTER

(Galvanized Metal Frame; 96mm)

Filter Model	Filter Class		Dimensions WxHxD (mm)	Filtration Area (m <sup>2</sup> )	Nominal Airflow (m <sup>3</sup> /h)	Initial Pressure Drop (Pa)
	EN779	ISO16890				
FP-M6-G-592-592-96	M6	ePM10 75%	592x592x96	12	3000	70
FP-M6-G-490-592-96	M6	ePM10 75%	490x592x96	10	2500	70
FP-M6-G-287-592-96	M6	ePM10 75%	287x592x96	6	1500	70
FP-M6-G-287-287-96	M6	ePM10 75%	287x287x96	3	750	70
FP-F7-G-592-592-96	F7	ePM1 55%	592x592x96	12	3000	90
FP-F7-G-490-592-96	F7	ePM1 55%	490x592x96	10	2500	90
FP-F7-G-287-592-96	F7	ePM1 55%	287x592x96	6	1500	90
FP-F7-G-287-287-96	F7	ePM1 55%	287x287x96	3	750	90
FP-F8-G-592-592-96	F8	ePM1 70%	592x592x96	12	3000	110
FP-F8-G-490-592-96	F8	ePM1 70%	490x592x96	10	2500	110
FP-F8-G-287-592-96	F8	ePM1 70%	287x592x96	6	1500	110
FP-F8-G-287-287-96	F8	ePM1 70%	287x287x96	3	750	110
FP-F9-G-592-592-96	F9	ePM1 85%	592x592x96	12	3000	150
FP-F9-G-490-592-96	F9	ePM1 85%	490x592x96	10	2500	150
FP-F9-G-287-592-96	F9	ePM1 85%	287x592x96	6	1500	150
FP-F9-G-287-287-96	F9	ePM1 85%	287x287x96	3	750	150

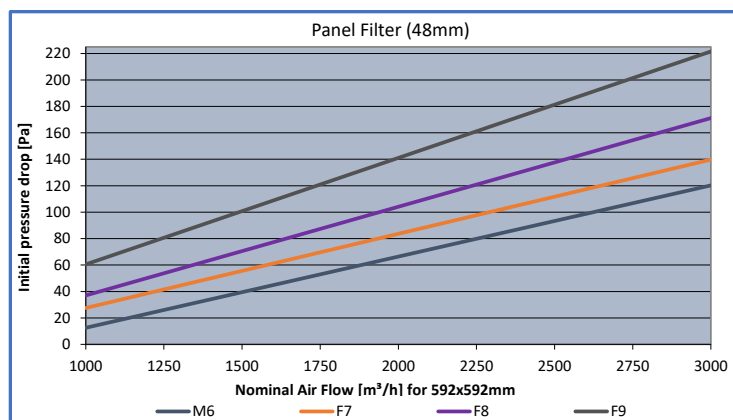
Other dimensions and depth sizes are available on request.



FP-F7-G-592-592-96		
Filter Model	Fine Dust Panel	FP
Filter Class (EN779)	F7	F7
Filter Class (ISO16890)	ePM1 55%	ePM1 55%
Frame Material	Galvanized	G
Filter Dimensions	W-H (mm)	592-592
Filter Depth	96mm	96
Faceguard	Without	-
Gasket	Without	-

Filter Model	Filter Class		Dimensions WxHxD (mm)	Filtration Area (m <sup>2</sup> )	Nominal Airflow (m <sup>3</sup> /h)	Initial Pressure Drop (Pa)
	EN779	ISO16890				
FP-M6-P-592-592-48	M6	ePM10 75%	592x592x48	6	2000	60
FP-M6-P-490-592-48	M6	ePM10 75%	490x592x48	5	1660	60
FP-M6-P-287-592-48	M6	ePM10 75%	287x592x48	3	1000	60
FP-M6-P-287-287-48	M6	ePM10 75%	287x287x48	1,5	500	60
FP-F7-P-592-592-48	F7	ePM1 55%	592x592x48	6	2000	80
FP-F7-P-490-592-48	F7	ePM1 55%	490x592x48	5	1660	80
FP-F7-P-287-592-48	F7	ePM1 55%	287x592x48	3	1000	80
FP-F7-P-287-287-48	F7	ePM1 55%	287x287x48	1,5	500	80
FP-F8-P-592-592-48	F8	ePM1 75%	592x592x48	6	2000	100
FP-F8-P-490-592-48	F8	ePM1 75%	490x592x48	5	1660	100
FP-F8-P-287-592-48	F8	ePM1 75%	287x592x48	3	1000	100
FP-F8-P-287-287-48	F8	ePM1 75%	287x287x48	1,5	500	100
FP-F9-P-592-592-48	F9	ePM1 85%	592x592x48	6	2000	145
FP-F9-P-490-592-48	F9	ePM1 85%	490x592x48	5	1660	145
FP-F9-P-287-592-48	F9	ePM1 85%	287x592x48	3	1000	145
FP-F9-P-287-287-48	F9	ePM1 85%	287x287x48	1,5	500	145

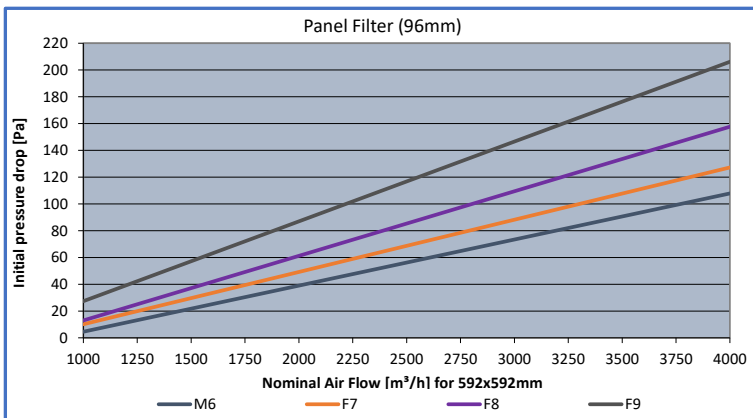
Other dimensions and depth sizes are available on request.



FP-F8-P-592-592-48		
Filter Model	Fine Dust Panel	FP
Filter Class (EN779)	F8	F8
Filter Class (ISO16890)	ePM1 75%	ePM1 75%
Frame Material	Plastic	P
Filter Dimensions	W-H (mm)	592-592
Filter Depth	48mm	48
Faceguard	Without	-
Gasket	Without	-

Filter Model	Filter Class		Dimensions WxHxD (mm)	Filtration Area (m <sup>2</sup> )	Nominal Airflow (m <sup>3</sup> /h)	Initial Pressure Drop (Pa)
	EN779	ISO16890				
FP-M6-P-592-592-96	M6	ePM10 75%	592x592x96	12	3000	70
FP-M6-P-490-592-96	M6	ePM10 75%	490x592x96	10	2500	70
FP-M6-P-287-592-96	M6	ePM10 75%	287x592x96	6	1500	70
FP-M6-P-287-287-96	M6	ePM10 75%	287x287x96	3	750	70
FP-F7-P-592-592-96	F7	ePM1 55%	592x592x96	12	3000	90
FP-F7-P-490-592-96	F7	ePM1 55%	490x592x96	10	2500	90
FP-F7-P-287-592-96	F7	ePM1 55%	287x592x96	6	1500	90
FP-F7-P-287-287-96	F7	ePM1 55%	287x287x96	3	750	90
FP-F8-P-592-592-96	F8	ePM1 75%	592x592x96	12	3000	110
FP-F8-P-490-592-96	F8	ePM1 75%	490x592x96	10	2500	110
FP-F8-P-287-592-96	F8	ePM1 75%	287x592x96	6	1500	110
FP-F8-P-287-287-96	F8	ePM1 75%	287x287x96	3	750	110
FP-F9-P-592-592-96	F9	ePM1 85%	592x592x96	12	3000	150
FP-F9-P-490-592-96	F9	ePM1 85%	490x592x96	10	2500	150
FP-F9-P-287-592-96	F9	ePM1 85%	287x592x96	6	1500	150
FP-F9-P-287-287-96	F9	ePM1 85%	287x287x96	3	750	150

Other dimensions and depth sizes are available on request.



### FP-F9-P-592-592-96

Filter Model	Fine Dust Panel	FP
Filter Class (EN779)	F9	F9
Filter Class (ISO16890)	ePM1 85%	ePM1 85%
Frame Material	Plastic	P
Filter Dimensions	W-H (mm)	592-592
Filter Depth	96mm	96
Faceguard	Without	-
Gasket	Without	-