

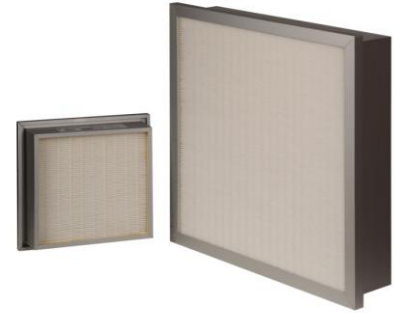
# AIR FILTER TECHNOLOGY

## RIGID FILTER

(Aluminium or Plastic Frame)

### Specifications

- Large surface area
- Low pressure drop
- Header depths are 20 and 25mm
- 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;** Anodized rigid aluminium

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

**Depth;** 100 and 130 mm

**Final Pressure Drop;** 450 Pa

**Max. Operating Temperature;** 75° C

**Application;** Prefilter for HVAC

**Sealing Compound;** Two component polyurethane

**Separator;** Hotmelt



Filter Pleat	Model	Filtration Area per m <sup>2</sup> Face Area (m <sup>2</sup> )	Nominal Air Flow for 592x592mm (m <sup>3</sup> /h)	Filter Class		Pack Resistance @Nominal Air Flow (Pa)
				(EN779)	(ISO16890)	
	A100	28,5	3000	M6	ePM10 70%	100
				F7	ePM1 55%	125
				F8	ePM1 75%	150
				F9	ePM1 85%	170
	A130H P130H	37,0	3000	M6	ePM10 75%	90
				F7	ePM1 55%	110
				F8	ePM1 75%	140
				F9	ePM1 85%	160

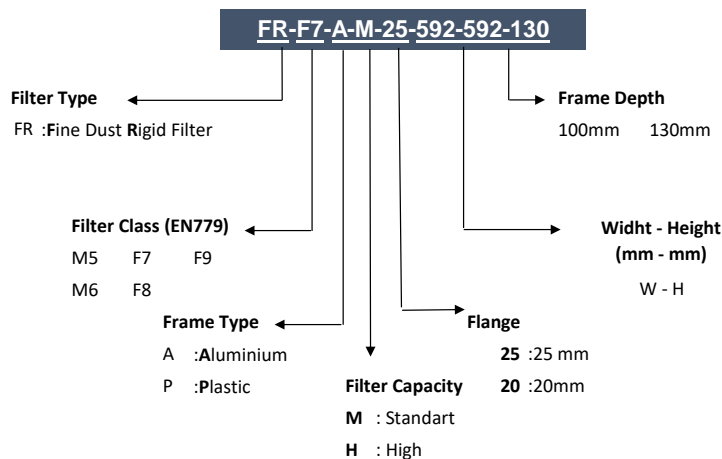
Other frame depths are available for special applications.

ULPATEK wide range of Rigid 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.

ULPATEK Rigid Filters offer a high dust holding capacity and long service life with optimum filtration area according to system capacity. Fully incinerable plastic frame constructed from recyclable materials reduce its impact on the environment.

Rigid 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.

Anodized aluminium frame provides mechanical stable and strength despite of the low weight.



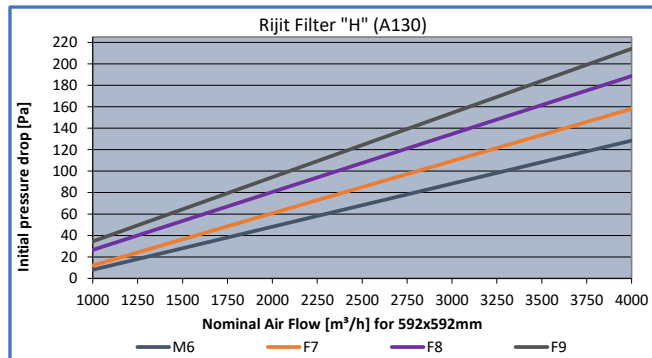
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## A - RIGID FILTER

(Aluminium; A100, A130H)

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				
FR-M6-A-M-25-592-592-100	M6	ePM10 70%	592-592-100	10	3000	100
FR-M6-A-M-25-287-592-100	M6	ePM10 70%	287-592-100	5	1500	100
FR-F7-A-M-25-592-592-100	F7	ePM1 55%	592-592-100	10	3000	125
FR-F7-A-M-25-287-592-100	F7	ePM1 55%	287-592-100	5	1500	125
FR-F8-A-M-25-592-592-100	F8	ePM1 75%	592-592-100	10	3000	150
FR-F8-A-M-25-287-592-100	F8	ePM1 75%	287-592-100	5	1500	150
FR-F9-A-M-25-592-592-100	F9	ePM1 85%	592-592-100	10	3000	170
FR-F9-A-M-25-287-592-100	F9	ePM1 85%	287-592-100	5	1500	170
FR-M6-A-H-25-592-592-130	M6	ePM10 75%	592-592-130	13	3000	90
FR-M6-A-H-25-287-592-130	M6	ePM10 75%	287-592-130	6,5	1500	90
FR-F7-A-H-25-592-592-130	F7	ePM1 55%	592-592-130	13	3000	110
FR-F7-A-H-25-287-592-130	F7	ePM1 55%	287-592-130	6,5	1500	110
FR-F8-A-H-25-592-592-130	F8	ePM1 75%	592-592-130	13	3000	140
FR-F8-A-H-25-287-592-130	F8	ePM1 75%	287-592-130	6,5	1500	140
FR-F9-A-H-25-592-592-130	F9	ePM1 85%	592-592-130	13	3000	160
FR-F9-A-H-25-287-592-130	F9	ePM1 85%	287-592-130	6,5	1500	160

Other dimensions are available on request.



FR-M6-A-M-592-592-100		
Filter Model	Medium Rigid	MR
Filter Class (EN779)	M6	M6
Filter Class (ISO16890)	ePM10 75%	ePM10 75%
Frame Material	Aluminium	A
Filter Capacity	Standart	M
Flange	25 mm	25
Filter Dimensions	W-H (mm)	592-592
Filter Depth	100mm	100

FR-F7-A-H-592-592-130		
Filter Model	Fine Dust Rigid	FR
Filter Class (EN779)	F7	F7
Filter Class (ISO16890)	ePM1 55%	ePM1 55%
Frame Material	Aluminium	A
Filter Capacity	High	H
Flange	25 mm	25
Filter Dimensions	W-H (mm)	592-592
Filter Depth	130mm	130

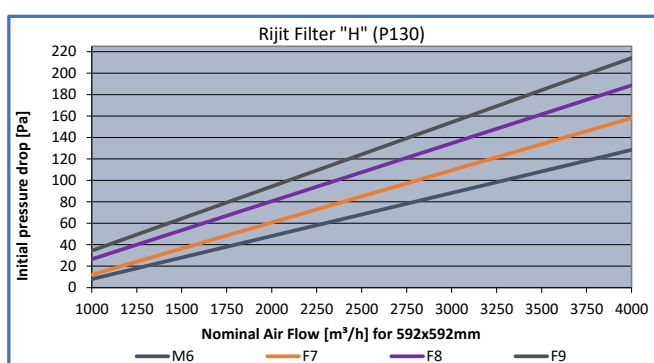
# AIR FILTER TECHNOLOGY

## P - RIGID FILTER

(Plastic; P130H)

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				
FR-M6-P-H-25-592-592-130	M6	ePM10 75%	592-592-130	13	3000	90
FR-M6-P-H-25-287-592-130	M6	ePM10 75%	287-592-130	6,5	1500	90
FR-F7-P-H-25-592-592-130	F7	ePM1 55%	592-592-130	13	3000	110
FR-F7-P-H-25-287-592-130	F7	ePM1 55%	287-592-130	6,5	1500	110
FR-F8-P-H-25-592-592-130	F8	ePM1 75%	592-592-130	13	3000	140
FR-F8-P-H-25-287-592-130	F8	ePM1 75%	287-592-130	6,5	1500	140
FR-F9-P-H-25-592-592-130	F9	ePM1 85%	592-592-130	13	3000	160
FR-F9-P-H-25-287-592-130	F9	ePM1 85%	287-592-130	6,5	1500	160

Other dimensions are available on request.



FR-F7-A-H-592-592-130		
Filter Model	Fine Dust Rigid	FR
Filter Class (EN779)	F7	F7
Filter Class (ISO16890)	ePM1 55%	ePM1 55%
Frame Material	Plastic	P
Filter Capacity	High	H
Flange	25 mm	25
Filter Dimensions	W-H (mm)	592-592
Filter Depth	130mm	130



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