

PANEL FILTER WITH HEADER

(ALUMINIUM OR PLASTIC FRAME)



Specifications

- Large surface area
- Self-supporting and rigid
- Low pressure drop
- Simple and light weight
- Header depths are 20 and 25mm
- Easy installation
- Small transport volume
- Long service life
- Airflow and installation in any direction possible

Filter Standard; EN779 and ISO16890

Final Pressure Drop; 450 Pa

Media; Glass Fibre

Max. Operating Temperature; 75° C

Frame type; Anodized rigid aluminium

Application; Prefilter for HVAC

Faceguard; Without (available on request)

Sealing Compound; Two component polyurethane

Depth; 100, 130 and 149mm

Seperator; Hotmelt

ATRITECH 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.

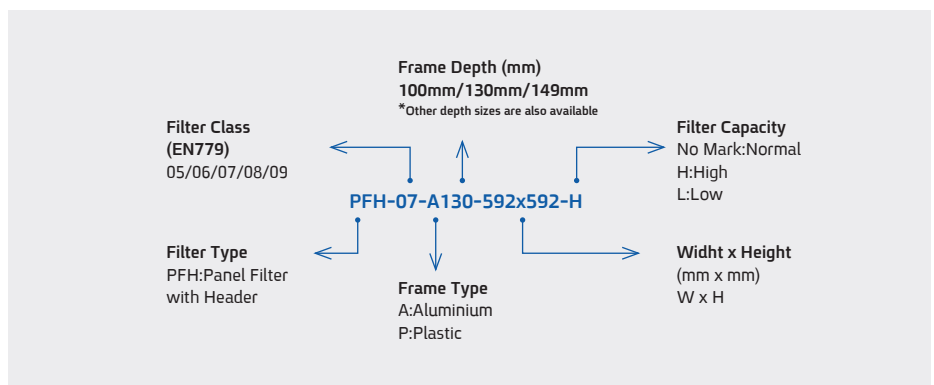
ATRITECH Rigid Filters offer a high dust holding capacity and long service life with optimum filtration area according to system capacity. Fully incinerable plastic frame constructed from recycleable materials reduce its impact on the environment.

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 strenght despite of the low weight.

Filter Pleat	Model	Filtration Area per m² Face Area	Nominal Air Flow for 592x592mm	Filter Class		Pack Resistance @Nominal Air Flow
				(EN779)	(ISO6890)	
	A100 P100	28,5	3000	M6	ePM10 70%	100
				F7	ePM1 55%	125
				F8	ePM1 70%	150
				F9	ePM1 80%	170
	A130L P130L	18,5	2250	M6	ePM10 75%	75
				F7	ePM1 55%	100
				F8	ePM1 70%	130
				F9	ePM1 80%	170
	A130H P130H	37,0	3000	M6	ePM10 70%	90
				F7	ePM1 55%	110
				F8	ePM1 70%	140
				F9	ePM1 80%	160

Other frame depths are available for special applications.

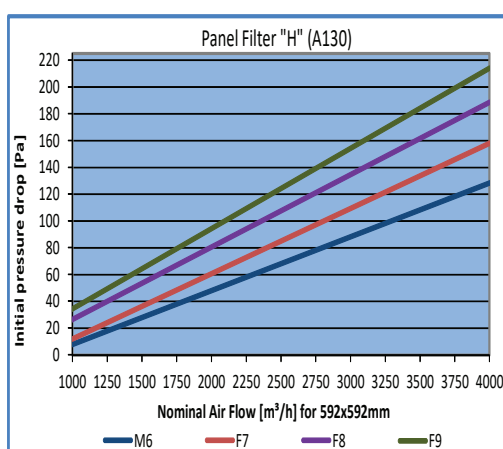
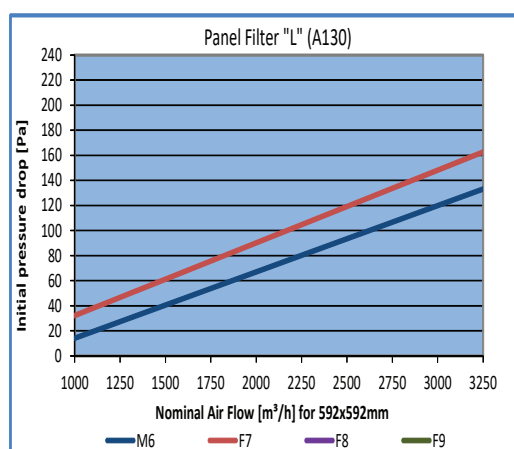


PANEL FILTER WITH HEADER

(ALUMINIUM; A100, A130L, A130H)

Filter Model	EN779		Dimensions WxHxD (mm)	Filtration Area (m ²)	Nominal Airflow (m ³ /h)	Initial Pressure Drop (Pa)
		ISO 16890				
PFH-06-A100-592x592	M6	ePM10 70%	592x592x100	10	3000	100
PFH-06-A100-287x592	M6	ePM10 70%	287x592x100	5	1500	100
PFH-07-A100-592x592	F7	ePM1 55%	592x592x100	10	3000	125
PFH-07-A100-287x592	F7	ePM1 55%	287x592x100	5	1500	125
PFH-08-A100-592x592	F8	ePM1 70%	592x592x100	10	3000	150
PFH-08-A100-287x592	F8	ePM1 70%	287x592x100	5	1500	150
PFH-09-A100-592x592	F9	ePM1 80%	592x592x100	10	3000	170
PFH-09-A100-287x592	F9	ePM1 80%	287x592x100	5	1500	170
PFH-06-A130-592x592-L	M6	ePM10 75%	592x592x130	6.5	2250	75
PFH-06-A130-287x592-L	M6	ePM10 75%	287x592x130	3.3	1125	75
PFH-07-A130-592x592-L	F7	ePM1 55%	592x592x130	6.5	2250	100
PFH-07-A130-287x592-L	F7	ePM1 55%	287x592x130	3.3	1125	100
PFH-08-A130-592x592-L	F8	ePM1 70%	592x592x130	6.5	2250	130
PFH-08-A130-287x592-L	F8	ePM1 70%	287x592x130	3.3	1125	130
PFH-09-A130-592x592-L	F9	ePM1 80%	592x592x130	6.5	2250	170
PFH-09-A130-287x592-L	F9	ePM1 80%	287x592x130	3.3	1125	170
PFH-06-A130-592x592-H	M6	ePM10 70%	592x592x130	13	3000	90
PFH-06-A130-287x592-H	M6	ePM10 70%	287x592x130	6.5	1500	90
PFH-07-A130-592x592-H	F7	ePM1 55%	592x592x130	13	3000	110
PFH-07-A130-287x592-H	F7	ePM1 55%	287x592x130	6.5	1500	110
PFH-08-A130-592x592-H	F8	ePM1 70%	592x592x130	13	3000	140
PFH-08-A130-287x592-H	F8	ePM1 70%	287x592x130	6.5	1500	140
PFH-09-A130-592x592-H	F9	ePM1 80%	592x592x130	13	3000	160
PFH-09-A130-287x592-H	F9	ePM1 80%	287x592x130	6.5	1500	160

Other dimensions are available on request.



* Check P100 curve for model A100.

PFH-07-A130-592x592-H		
Filter Model	Fine Dust Rigid	PFH
Filter Class	F7 (EN779)	07
Frame Material	Aluminium	A
Filter Depth	130mm	130
Filter Dimensions	WxH (mm)	592x592
Filter Capacity	High	H

PANEL FILTER WITH HEADER

(PLASTIC; P130L, P130H)



PFH-07-P130-592x592-H		
Filter Model	Panel Filter	PFH
Filter Class	F7 (EN779)	07
Frame Material	Plastic	P
Filter Depth	130mm	130
Filter Dimensions	WxH (mm)	592x592
Filter Capacity	High	H

Filter Model	EN779	ISO16890	Dimensions WxHxD (mm)	Filtration Area (m ²)	Nominal Airflow (m ³ /h)	Initial Pressure Drop (Pa)
PFH-06-P130-592x592-L	M6	ePM10 70%	592x592x130	6.5	2250	75
PFH-06-P130-287x592-L	M6	ePM10 70%	287x592x130	3.3	1125	75
PFH-07-P130-592x592-L	F7	ePM1 55%	592x592x130	6.5	2250	100
PFH-07-P130-287x592-L	F7	ePM1 55%	287x592x130	3.3	1125	100
PFH-08-P130-592x592-L	F8	ePM1 70%	592x592x130	6.5	2250	130
PFH-08-P130-287x592-L	F8	ePM1 70%	287x592x130	3.3	1125	130
PFH-09-P130-592x592-L	F9	ePM1 80%	592x592x130	6.5	2250	170
PFH-09-P130-287x592-L	F9	ePM1 80%	287x592x130	3.3	1125	170
PFH-06-P130-592x592-H	M6	ePM10 70%	592x592x130	13	3000	90
PFH-06-P130-287x592-H	M6	ePM10 70%	287x592x130	6.5	1500	90
PFH-07-P130-592x592-H	F7	ePM1 55%	592x592x130	13	3000	110
PFH-07-P130-287x592-H	F7	ePM1 55%	287x592x130	6.5	1500	110
PFH-08-P130-592x592-H	F8	ePM1 70%	592x592x130	13	3000	140
PFH-08-P130-287x592-H	F8	ePM1 70%	287x592x130	6.5	1500	140
PFH-09-P130-592x592-H	F9	ePM1 80%	592x592x130	13	3000	160
PFH-09-P130-287x592-H	F9	ePM1 80%	287x592x130	6.5	1500	160

Other dimensions are available on request.

