

F20

High efficiency filters



Product

F20

Material

Galvanized steel (TA)

Filter media

Flame-retardant water-repellent glass microfibre, reinforced multilayer structure

SPECIFICATIONS

High efficiency filters, model F20, built with a robust galvanized steel frame (F20 TA), incineratable, and flame-retardant water-repellent glass microfibre filter media.

FUNCTIONS

Thanks to their reduced depth and high mechanical resistance, the F20 series high efficiency filters are used in civil and industrial systems, ensuring longer life and greater installation economy combined with high reliability.

APPLICATIONS

High efficiency filters are used in civil and industrial systems where very high performance is required. They are suitable for use in electronics and food industries, laboratories, and as a second stage in hospital and pharmaceutical environments.

TECHNICAL FEATURES

	F20 65	F20 85	F20 95
Regenerability	No	No	No
Colorimetric efficiency (%)	65	85	95
Class EN 779	M6	F7	F8
ISO 16890	ePM10 75%	ePM1 50%	ePM1 85%
Initial pressure drop (Pa)	120	135	150
Recommended final pressure drop (Pa)	600	600	600
Maximum pressure drop (Pa)	1000	1000	1000
Limit temperature value (°C)	80	80	80
Relative humidity (%)	100	100	100

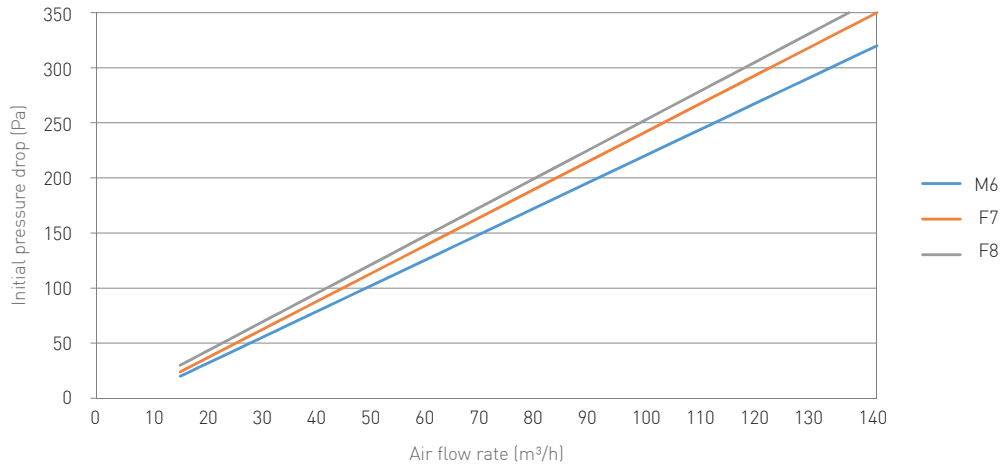
DIMENSIONS

Model	Dimensions W x H x D mm	Flow rate nominal m ³ /h	Surface filter m ²
F20 TA Galvanized steel	287 x 592 x 292	1700	8,1
	305 x 305 x 292	870	4,0
	305 x 610 x 292	1750	9,0
	592 x 592 x 292	3400	18,0
	610 x 610 x 292	3500	19,5
	610 x 762 x 292	4350	24,0



PERFORMANCE CURVE

F20



INSTALLATION

The installation of high-efficiency filters is usually carried out in-duct, inside appropriate housings or within the units, and offers numerous alternatives compared to pocket filters. The rigid structure offers the air flow the entire available filtering surface; for this reason they can be installed in horizontal, vertical and in-duct positions using appropriate modules.

MAINTENANCE

This type of filter is not regenerable, therefore complete filter replacement is recommended when the recommended final pressure drop is reached.

DISPOSAL

High efficiency filters use materials that can be completely incinerated/disposed of without the emission of any toxic gas.