

HIGH CAPACITY FILTER WITH SINGLE PLEAT

(MDF FRAME)



Applications:

Supply and exhaust air HVAC with high airflow rates

Highlights:

- Airflow up to 4000m³/h for 610x610x292mm
- Large filtration area
- High dust holding capacity
- Low initial pressure drop

Filter Standard:	ISO 16890	Max. Operating Temperature:	80°C
Filter Class:	ISO ePM1 - ISO ePM2,5 - ISO ePM10	Gasket:	EPDM, EPDM Flat continuous and PU Foam
Media:	Glass fiber	Sealing Compound:	Polyurethane
Frame:	MDF	Seperators:	Hotmelt
Rec. Final Pressure Drop EN13053:	Initial ΔP +100 Pa or initial ΔP x3 whichever is lower		

HIGH CAPACITY FILTER WITH SINGLE PLEAT (MDF FRAME/M34)

Filter Model	Filter Class		Dimensions WxHxD (mm)	Filtration Area (m ²)	Nominal Airflow (m ³ /h)	Initial Pressure Drop (Pa)
	EN 779 (cancelled)	ISO 16890				
FHS-M6-M-34-305-305-292-FW-P	M6	ePM10 75%	305x305x292	4	850	60
FHS-M6-M-34-305-610-292-FW-P	M6	ePM10 75%	305x610x292	8	1700	60
FHS-M6-M-34-610-610-292-FW-P	M6	ePM10 75%	610x610x292	16	3400	60
FHS-F7-M-34-305-305-292-FW-P	F7	ePM1 55%	305x305x292	4	850	80
FHS-F7-M-34-305-610-292-FW-P	F7	ePM1 55%	305x610x292	8	1700	80
FHS-F7-M-34-610-610-292-FW-P	F7	ePM1 55%	610x610x292	16	3400	80
FHS-F8-M-34-305-305-292-FW-P	F8	ePM1 70%	305x305x292	4	850	100
FHS-F8-M-34-305-610-292-FW-P	F8	ePM1 70%	305x610x292	8	1700	100
FHS-F8-M-34-610-610-292-FW-P	F8	ePM1 70%	610x610x292	16	3400	100
FHS-F9-M-34-305-305-292-FW-P	F9	ePM1 80%	305x305x292	4	850	130
FHS-F9-M-34-305-610-292-FW-P	F9	ePM1 80%	305x610x292	8	1700	130
FHS-F9-M-34-610-610-292-FW-P	F9	ePM1 80%	610x610x292	16	3400	130

"Other dimensions are available on request."
 "Differential Pressure Tolerance (±10% + 5 Pa) or (10 Pa + 5 Pa) whichever is greater"

HIGH CAPACITY FILTER WITH SINGLE PLEAT (MDF) CODE CONFIGURATION

Filter Type	Filter Class	Frame	Capacity	Dimensions (mm)	Faceguard	Gasket
FHS : High Capacity Filter with Single Pleat (MDF)	M6 F7 F8 F9	M: MDF	34: 3400 m ³ /h 40: 4000 m ³ /h	610x610x292	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 Side E: EPDM Flat EE: EPDM Flat on Both Side C: Continuous Grey EPDM CC: Grey EPDM on Both Side

HIGH CAPACITY FILTER WITH SINGLE PLEAT (MDF FRAME/M40)

Filter Model	Filter Class		Dimensions WxHxD (mm)	Filtration Area (m ²)	Nominal Airflow (m ³ /h)	Initial Pressure Drop (Pa)
	EN 779 (cancelled)	ISO 16890				
FHS-M6-M-40-305-305-292-FW-P	M6	ePM10 75%	305x305x292	6	1000	60
FHS-M6-M-40-305-610-292-FW-P	M6	ePM10 75%	305x610x292	12	2000	60
FHS-M6-M-40-610-610-292-FW-P	M6	ePM10 75%	610x610x292	24	4000	60
FHS-F7-M-40-305-305-292-FW-P	F7	ePM1 55%	305x305x292	6	1000	80
FHS-F7-M-40-305-610-292-FW-P	F7	ePM1 55%	305x610x292	12	2000	80
FHS-F7-M-40-610-610-292-FW-P	F7	ePM1 55%	610x610x292	24	4000	80
FHS-F8-M-40-305-305-292-FW-P	F8	ePM1 70%	305x305x292	6	1000	100
FHS-F8-M-40-305-610-292-FW-P	F8	ePM1 70%	305x610x292	12	2000	100
FHS-F8-M-40-610-610-292-FW-P	F8	ePM1 70%	610x610x292	24	4000	100
FHS-F9-M-40-305-305-292-FW-P	F9	ePM1 80%	305x305x292	6	1000	130
FHS-F9-M-40-305-610-292-FW-P	F9	ePM1 80%	305x610x292	12	2000	130
FHS-F9-M-40-610-610-292-FW-P	F9	ePM1 80%	610x610x292	24	4000	130

"Other dimensions are available on request."
"Differential Pressure Tolerance (±10% + 5 Pa) or (10 Pa + 5 Pa) whichever is greater"