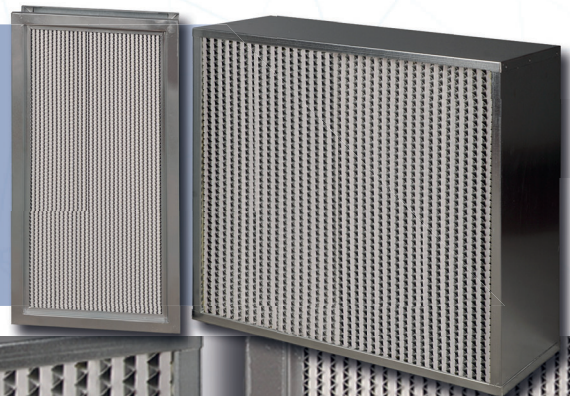


# FINE DUST FILTER WITH ALUMINIUM SEPERATOR (METAL FRAME)



## Applications:

Capturing fine particles  
Suitable for ATEX environment  
High temperature conditions

## Highlights:

- Static electricity grounding (optional)
- Corrugated aluminium seperator
- Robust construction with metal frame

Filter Standard:	ISO 16890	Max. Operating Temperature:	up to 120°C, 260°C
Filter Class:	ISO ePM1 - ISO ePM2,5 - ISO ePM10	Gasket:	Silicon, EPDM and PU Foam
Media:	Glass fiber	Flange:	Without, single, double
Frame:	Galvanized, Stainless Steel	Sealing Compound:	Two component polyurethane, glass fiber
Rec. Final Pressure Drop EN13053:	Initial $\Delta P$ +100 Pa or initial $\Delta P$ x3 whichever is lower	Seperators:	Corrugated Aluminium

## FINE DUST FILTER WITH ALUMINIUM SEPERATOR (METAL)

Filter Model	Filter Class		Dimensions WxHxD (mm)	Filtration Area (m <sup>2</sup> )	Max. Continous Temperature (°C)	Nominal Airflow (m <sup>3</sup> /h)	Initial Pressure Drop (Pa)
	EN 779 (cancelled)	ISO 16890					
FCA-M6-G-W-T-W-305-610-292-FW-W	M6	ePM10 70%	305x610x292	8,5	120	1700	90
FCA-M6-G-W-T-W-610-610-292-FW-W	M6	ePM10 70%	610x610x292	17	120	3400	90
FCA-F7-G-W-T-W-305-610-292-FW-W	F7	ePM1 55%	305x610x292	8,5	120	1700	110
FCA-F7-G-W-T-W-610-610-292-FW-W	F7	ePM1 55%	610x610x292	17	120	3400	110
FCA-F8-G-W-T-W-305-610-292-FW-W	F8	ePM1 70%	305x610x292	8,5	120	1700	125
FCA-F8-G-W-T-W-610-610-292-FW-W	F8	ePM1 70%	610x610x292	17	120	3400	125
FCA-F9-G-W-T-W-305-610-292-FW-W	F9	ePM1 80%	305x610x292	8,5	120	1700	150
FCA-F9-G-W-T-W-610-610-292-FW-W	F9	ePM1 80%	610x610x292	17	120	3400	150

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

### FINE DUST FILTER WITH ALUMINIUM SEPERATOR (METAL FRAME) CODE CONFIGURATION

Filter Type	Filter Class	Frame	Flange	Max. Temp.	Static Electricity Grounding Cable	Dimensions (mm)	Faceguard	Gasket
FCA : Fine Dust Filter with Aluminium Seperator (Metal Frame)	M6 F7 F8 F9	A: Aluminium G: Galvanized Metal SS: Stainless Steel SS316: Stainless Steel 316	S: Single Side,25 mm D: Double Side,25 mm W: Without	T: 120°C HT: 260°C	SG:Exist W: Without	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 S: Silicon SS: Silicon on Both Sides