

HIGH EFFICIENCY FILTERS
WITH DEEP PLEATS

FAE - M6/F7/F9



FAE
M6/F7/F9

GENERALS

THE HIGH EFFICIENCY FILTERS MEET REQUIREMENTS THAT MAKE THEM SUITABLE FOR HEAVY DUTY IN AIR CONDITIONING AND VENTILATION SYSTEMS, AS WELL AS WHEREVER A HIGH STANDARD OF AIR PURITY IS REQUIRED, SUCH AS PROCESS AND INDUSTRIAL PLANTS. THEY ENSURE LOW PRESSURE DROP, HIGH STORAGE CAPACITY AND AN APPRECIABLE MECHANICAL STRENGTH.

FRAME	MDF (2) (L Series) / GALVANIZED STEEL (M Series)
FILTERING SEPTUM	GLASS MICROFIBRE
SPACERS	BEADED CORRUGATED ALUMINIUM
SIGILLANTE	POLYURETHANE
GASKET	NEOPRENE
FILTERING PACK PLEATS	DEEP PLEATS
EFFICIENCY CLASS CEN EN 779	M6 - F7 - F9
EUROVENT CLASS	EU 6 - EU 7 - EU 9
AVERAGE EFFICIENCY Em	65% (M6) - 85% (F7) - 95% (F9)
INITIAL PRESSURE DROP	90 Pa (M6) - 110 Pa (F7) - 130 Pa (F9)
RECOMMENDED FINAL PRESSURE DROP	450 Pa
MAXIMUM OPERATING TEMPERATURE	90°C (L Series) - 120°C (M Series)
RELATIVE HUMIDITY	90%
TYPE OF TESTING	RANDOM SAMPLING
LEGEND OF DIMENSIONS	

H HEIGHT
B BASE
T CELL THICKNESS

Reference drawing: vefim_pieghe_profonde

PRODUCT CODE MATRIX ⁽¹⁾	EFFICIENCY CLASS CEN EN 779 CODE ⁽¹⁾			FRAME	DIMENSIONS (mm)			FILTERING SURFACE (m ²)	AIR FLOW (Nm ³ /h)
	M6	F7	F9		H	B	T		
FAE_AL15033	6	7	9	MDF ⁽²⁾	305	305	150	2	400
FAE_AL15063	6	7	9		305	610		3	800
FAE_AL15066	6	7	9		610	610		6	1.600
FAE_AL29233	6	7	9		305	305	292	3	800
FAE_AL29263	6	7	9		305	610		7	1.600
FAE_AL29266	6	7	9		592	592		13	3.050
FAE_AL29255	6	7	9		610	610		14	3.200
FAE_AL29276	6	7	9		610	762		17	4.000
FAE_AM15033	6	7	9	GALVANIZED STEEL	305	305	150	2	400
FAE_AM15063	6	7	9		305	610		3	800
FAE_AM15066	6	7	9		610	610		6	1.600
FAE_AM29233	6	7	9		305	305	292	3	800
FAE_AM29263	6	7	9		305	610		7	1.600
FAE_AM29266	6	7	9		610	610		14	3.200
FAE_AM29255	6	7	9		592	592		13	3.050
FAE_AM29276	6	7	9		610	762		17	4.000

⁽¹⁾ To identify the exact code enter the number of the Class of efficiency in the product code matrix. E.g.: FAE 6 AL15033

⁽²⁾ Medium Density Fibreboard

VERSIONS WITH SINGLE FLANGE (MOD. _1F) OR DOUBLE (MOD. _2F) FEASIBLE ON REQUEST
DIFFERENT DIMENSIONS OR VERSIONS ARE AVAILABLE ON REQUEST

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HIGH EFFICIENCY FILTERS
WITH DEEP PLEATS

FAE - E10

FOR THIS FILTER WE PROVIDE TEST REPORTS WITH DATA
RECORDED DURING TESTING AND SERIAL NUMBERFAE
E10

GENERALS

THE HIGH EFFICIENCY FILTERS MEET REQUIREMENTS THAT MAKE THEM SUITABLE FOR HEAVY DUTY IN AIR CONDITIONING AND VENTILATION SYSTEMS, AS WELL AS WHEREVER A HIGH STANDARD OF AIR PURITY IS REQUIRED, SUCH AS PROCESS AND INDUSTRIAL PLANTS. THEY ENSURE LOW PRESSURE DROP, HIGH STORAGE CAPACITY AND AN APPRECIABLE MECHANICAL STRENGTH.

FRAME	MDF (2) (L Series) / GALVANIZED STEEL (M Series)
FILTERING SEPTUM	GLASS MICROFIBRE
SPACERS	BEADED CORRUGATED ALUMINIUM
SIGILLANTE	POLYURETHANE
GASKET	NEOPRENE
FILTERING PACK PLEATS	DEEP PLEATS
EFFICIENCY CLASS CEN EN 779	E10
EUROVENT CLASS	EU 10
EFFICIENCY MPPS (%)	>85%
INITIAL PRESSURE DROP	200 Pa
RECOMMENDED FINAL PRESSURE DROP	600 Pa
MAXIMUM OPERATING TEMPERATURE	90°C
RELATIVE HUMIDITY	90%
TYPE OF TESTING	INDIVIDUAL SCANNING
LEGEND OF DIMENSIONS	

Reference drawing: vefim_pieghe_profonde

PRODUCT CODE	FRAME	DIMENSIONS (mm)			FILTERING SURFACE (m ²)	AIR FLOW (Nm ³ /h)
		H	B	T		
FAE10AL15033	MDF ⁽²⁾	305	305	150	2	400
FAE10AL15063		305	610		3	800
FAE10AL15066		610	610		6	1.600
FAE10AL29233		305	305	292	3	800
FAE10AL29263		305	610		7	1.600
FAE10AL29255		592	592		13	3.050
FAE10AL29266		610	610		14	3.200
FAE10AL29276		610	762		17	4.000
FAE10AM15033	GALVANIZED STEEL	305	305	150	2	400
FAE10AM15063		305	610		3	800
FAE10AM15066		610	610		6	1.600
FAE10AM29233		305	305	292	3	800
FAE10AM29263		305	610		7	1.600
FAE10AM29255		592	592		13	3.050
FAE10AM29266		610	610		14	3.200
FAE10AM29276		610	762		17	4.000

⁽²⁾ Medium Density FibreboardVERSIONS WITH SINGLE (MOD. _1R) OR DOUBLE PROTECTION MESH (MOD. _2R) FEASIBLE ON REQUEST
DIFFERENT DIMENSIONS OR VERSIONS ARE AVAILABLE ON REQUESTVefim S.r.l. reserves the right to update without notice the characteristics described above.
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