

QUALIFIED TO SPECIFICATION EI 1590 3RD EDITION

Microfilter vessels are designed to be compliant with procedural guidelines, applicable legal regulations and requirements of the pressure vessel regulation AD2000. Additional pressure vessel standards can be met with these assemblies as well. FAUDI Aviation Microfilters are used as pre-filters for the efficient and continuous removal of solids such as rust, sand and other particulates from aviation fuels.



APPLICATION AREA

- Vertical filter vessels for fixed installation

TECHNICAL DATA

- Design and construction: EI 1596 3rd Edition
- Design pressure: Designed to pressure requirements
- Flow rate: 4" Microfilter up to 11500 lpm (3037 US gpm), 6" Microfilter up to 13100 lpm (3460 US gpm)

STANDARD DESIGN

- Material: Carbon steel (other version on request)
- Interior: Epoxy coating according to EI 1541
- Exterior: Prime coated
- Cover seal: NBR (Buna-N)
- Head lift and swivel device

RECOMMENDED ACCESSORIES

- Differential pressure gauge
- Automatic air eliminator
- Pressure relief valve

ORDER REFERENCE

Vessels	Microfilter		Flow Rates		Nominal Filtration
Model No.	EIMF-Type	Quantity	lpm	USgpm	µm
MF-1	4"	1	230	60	3
MF-3	4"	3	690	182	3
MF-7	4"	7	1610	425	3
MF-10	4"	10	2300	607	3
MF-16	4"	16	3680	972	3
MF-20	4"	20	4600	1215	3
MF-28	4"	28	6440	1701	3
MF-35	4"	35	8050	2126	3
MF-41	4"	41	9430	2491	3
MF-50	4"	50	11500	3037	3

Vessels	Microfilter		Flow Rates		Nominal Filtration
Model No.	EIMF-Type	Quantity	lpm	USgpm	µm
MF-4-1130	6"	4	2620	692	1, 2, 3, 5
MF-6-1130	6"	6	3930	1038	1, 2, 3, 5
MF-7-1130	6"	7	4585	1211	1, 2, 3, 5
MF-8-1130	6"	8	5240	1384	1, 2, 3, 5
MF-9-1130	6"	9	5895	1557	1, 2, 3, 5
MF-11-1130	6"	11	7205	1903	1, 2, 3, 5
MF-12-1130	6"	12	7860	2076	1, 2, 3, 5
MF-13-1130	6"	13	8515	2249	1, 2, 3, 5
MF-15-1130	6"	15	9825	2595	1, 2, 3, 5
MF-20-1130	6"	20	13100	3460	1, 2, 3, 5