

Purifying Filtration on reasonable conditions

FAUDI Aviation Micro Filters are used wherever there is a demand for high quality, economic and reliable filtration. They are designed to continuously remove fine particles such as rust, dirt, sand and pipe scale from Aviation Fuel systems. These highly efficient Micro Filters are used at refineries, bulk fuel depots, transfer stations and airports predominantly prior to Filter/Water Separators to protect and prolong Coalescer element life.

FAUDI Aviation Micro Filters are offering the following advantages:

- Safe operation using tried and tested technique
- Easy installation and maintenance
- Quick open/closure (as option)
- Alternative degrees of filtration available by changing element type
- Economic due to increased surface area
- long life time because high solid holding capacity

Construction

Standard version

Design pressure: 10 bar
Design temperature: -10 to +50° C
Design code: AD 2000 (German regulations for pressure vessels)

Material of construction: Carbon steel
Internal coating: acc. to MIL-C-4556 (latest Edition)
Other design pressures as well as other materials like aluminium or stainless steel are available upon request..

Accessories

For improved operation FAUDI Aviation Micro Filter may fitted with some or all of the following accessories:

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

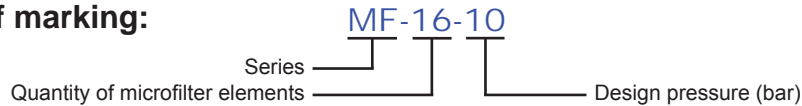
Further applications of Micro Filters

- thin mineral oils, jet propulsion fuels, test and super grade petrol, diesel fuel, solvents, fuel oil
- Natural gas, Refinery gases, Air, Nitrogen
- Lubricants, Hydraulic fluid and turbine oil
- Industrial and cooling water



MF Series

Sample of marking:



Technical Details

- for stationary and mobile applications
- according to API/EI 1590
- for Jet A1, JP 1, JP 4, JP 8, Kerosene and other thin fluids
- maximum flow rates up to 40.000 l/min,
higher flow rates on request

Fitted with 4" microfilter elements								
Model No.	Microfilter element		Flow rates for liquids to 1,5°C Organized to filter fineness (l/min.)				Volume (app.) l	Weight (app.) kg
	Qty.	Ø	0,5 µm	1 µm	2 µm	5 µm		
MF- 1	1	4"	280	320	360	400	11	25
MF- 3	3	4"	840	960	1.080	1.200	42	50
MF- 7	7	4"	1.969	2.240	2.520	2.800	105	100
MF- 10	10	4"	2.800	3.200	3.600	4.000	185	200
MF- 16	16	4"	4.480	5.120	5.760	6.400	280	260
MF- 20	20	4"	5.600	6.400	7.200	8.000	410	360
MF- 28	28	4"	7.840	8.960	10.080	11.200	560	480
MF- 35	35	4"	9.800	11.200	12.600	14.000	760	670
MF- 41	41	4"	11.480	13.120	14.760	16.400	900	750
MF- 50	50	4"	14.000	16.000	18.000	20.000	1.200	880
MF- 61	61	4"	17.080	19.520	21.960	24.400	1.520	1.000
MF- 80	80	4"	22.400	25.600	28.800	32.000	2.120	1.260
MF-100	100	4"	28.000	32.000	36.000	40.000	2.765	1.530

Fitted with 6" microfilter elements								
Model No.	Microfilter element		Flow rates for liquids to 1,5°C Organized to filter fineness (l/min.)				Volume (app.) l	Weight (app.) kg
	Qty.	Ø	0,5 µm	1 µm	2 µm	5 µm		
MF- 4/1130	4	6"	1.760	2.240	2.720	3.200	340	310
MF- 6/1130	6	6"	2.640	3.360	4.080	4.800	420	380
MF- 7/1130	7	6"	3.080	3.920	4.760	5.600	490	450
MF- 8/1130	8	6"	3.520	4.480	5.440	6.400	590	550
MF- 9/1130	9	6"	3.960	5.040	6.120	7.200	710	650
MF-11/1130	11	6"	4.840	6.160	7.480	8.800	810	700
MF-12/1130	12	6"	5.280	6.720	8.160	9.600	970	800
MF-13/1130	13	6"	5.720	7.280	8.840	10.400	1.400	1.100
MF-15-1130	15	6"	6.600	8.400	10.200	12.000	1.950	1.200
MF-20/1130	20	6"	8.800	11.200	13.600	16.000	2.450	1.300

FAUDI Aviation GmbH
Scharnhorststrasse 7 B
D-35260 Stadtallendorf
Germany

Phone: +49 6428 4465-275
Fax: +49 6428 4465-231
E-Mail: contact@faudi-aviation.com
Web: www.faudi-aviation.com

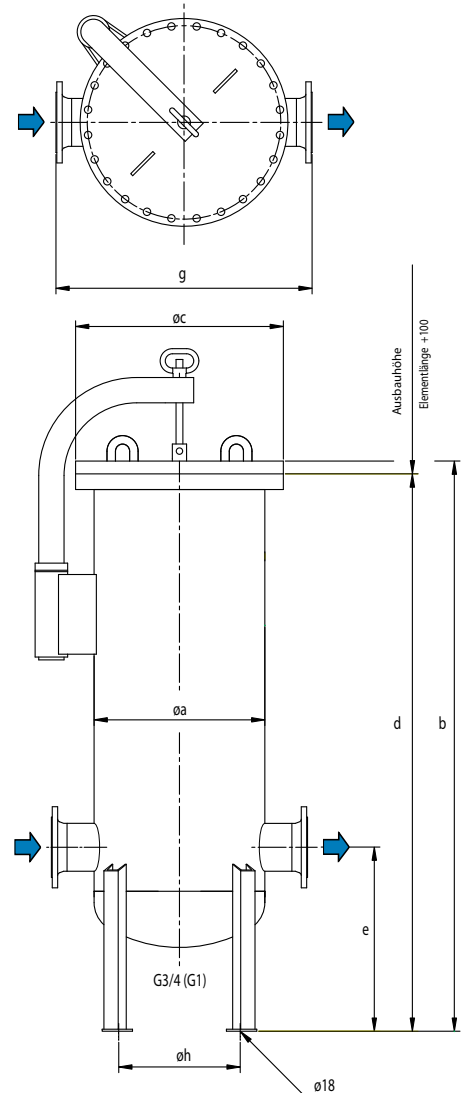


MF Series

Dimensions in mm

Fitted with 4" microfilter elements									
Model No.	Connections		Ø a	b	Ø c	d	e	g	Ø h
	DIN	ANSI							
MF- 1	50	2"	139	820	210	800	115	340	172
MF- 3	80	3"	245	1.000	326	990	135	500	285
MF- 7	150	6"	350	1.290	425	1.270	425	600	400
MF- 10	150	6"	450	1.455	535	1.320	450	750	550
MF- 16	200	8"	520	1.620	620	1.460	540	870	630
MF- 20	200	8"	600	1.685	700	1.520	550	950	700
MF- 28	250	10"	700	1.790	800	1.605	600	1.050	800
MF- 35	250	10"	800	1.850	900	1.640	625	1.150	900
MF- 41	300	12"	850	1.950	950	1.730	660	1.250	950
MF- 50	350	14"	950	2.060	1.065	1.810	730	1.350	1.050
MF- 61	350	14"	1.050	2.140	1.165	1.860	750	1.450	1.150
MF-80	400	16"	1.200	2.290	1.315	1.980	800	1.600	1.300
MF-100	400	16"	1.350	2.360	1.470	2.020	830	1.800	1.450

Fitted with 6" microfilter elements									
Model No.	Connections		Ø a	b	Ø c	d	e	g	Ø h
	DIN	ANSI							
MF- 4/1130	150	6"	500	2.055	600	2.030	540	850	500
MF- 6/1130	200	8"	550	2.130	650	2.100	550	900	550
MF- 7/1130	200	8"	600	2.140	710	2.100	550	950	600
MF- 8/1130	200	8"	650	2.160	760	2.120	575	1.000	650
MF- 9/1130	250	10"	700	2.210	810	2.170	575	1.050	700
MF-11/1130	250	10"	750	2.240	860	2.200	600	1.100	750
MF-12/1130	250	10"	800	2.340	910	2.300	660	1.150	800
MF-13/1130	300	12"	900	2.440	1.030	2.400	660	1.300	900
MF-15/1130	300	12"	1.000	2.950	1.130	2.550	700	1.500	1.000
MF-20/1130	350	14"	1.100	3.100	1.230	2.700	750	1.560	1.100
MF-25/1130	400	16"	1.100	3.150	1.230	2.750	800	1.660	1.100



MICROFILTER

FAUDI Aviation GmbH
Scharnhorststrasse 7 B
D-35260 Stadallendorf
Germany

Phone: +49 6428 4465-275
Fax: +49 6428 4465-231
E-Mail: contact@faudi-aviation.com
Web: www.faudi-aviation.com

