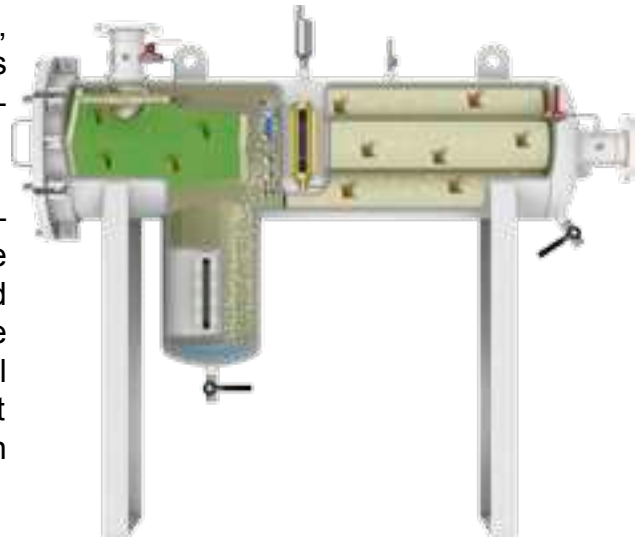


FW6 Series

Applications

For stationary installations at refineries, fuel storages, marine depots, as well as tank farms, according to EI 1581 5th Edition, Category C, Type S.

FAUDI Aviation Filter Water Separator Vessels are designed and built in accordance with the strict engineering guidelines and pressure vessel regulation of AD-2000. The design according to other pressure vessel regulations like ASME code with or without u-stamp, BS, GOST-R, etc., is possible on customer request.



Technical Details

- For stationary applications
- Suitable for Jet A1, Jet A, other fluids on request
- Vessel material acc. to customer request (carbon steel, stainless steel or aluminium)
- Maximal flow rates up to 4,680 l/min
- Max. 15 ppm free water in the outlet stream
- Max. 0.26 mg/l (average) particles in the outlet stream

Sample Identification

FW6-2

Series _____ Quantity of coalescer elements _____

Type	Coalescer Element		Separator-Element		Maximale Flow Rate		Volume ≈ l	Weight* ≈ kg
	Model	Qty.	Model	Qty.	Jet-A, Jet-A1			
					l/min	USGPM		
FW6- 2	P.3-842	2	300 62 12	1	720	190	≈ 160	≈ 235
FW6- 3	P.3-842	3	300 63 80	1	1,080	285	≈ 210	≈ 275
FW6- 4	P.3-842	4	300 62 75	1	1,440	380	≈ 270	≈ 350
FW6- 5	P.3-842	5	300 63 36	1	1,800	475	≈ 340	≈ 400
FW6- 7	P.3-842	7	300 63 37	1	2,520	665	≈ 440	≈ 495
FW6- 8	P.3-842	8	300 62 74	1	2,880	760	≈ 525	≈ 540
FW6- 9	P.3-842	9	300 63 38	1	3,240	855	≈ 610	≈ 650
FW6-11	P.3-842	11	300 63 39	1	3,960	1,046	≈ 670	≈ 715
FW6-13	P.3-842	13	300 63 40	1	4,680	1,236	≈ 740	≈ 895

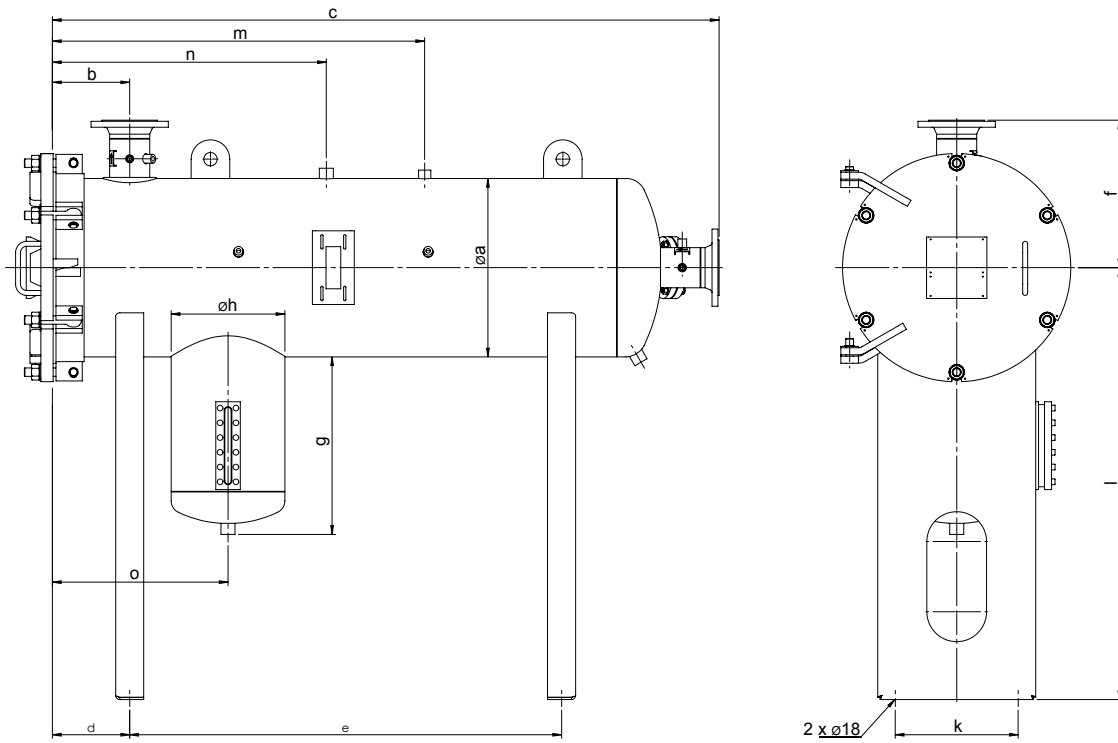
* design in carbon- or stainless steel

FW6 Series

Standard Design

- Material in carbon- or stainless steel
- Cover installation with hinge (left) and swing bolts
- AD-2000 module H
- Design pressure: 16 bar
- Water Level Indicator (Z-3.5)
- Connections for:
 - Automatic air eliminator
 - Differential pressure measuring device (4-point)
 - Pressure relief valve
 - Sample probe connections on outlet and inlet

Dimensions in mm for carbon steel vessel standard



minor dimension divergences reserved!

Model No.	Connections		Dimensions in mm												
	DIN	ANSI	Ø a	b	c	d	e	f	g	Ø h	k	l	m	n	o
FW6- 2	DN 80	3"	356	220	1,666	220	1,050	340	~505	324	200	1,230	960	680	500
FW6- 3	DN 100	4"	406	220	1,771	220	1,110	370	~505	324	250	1,230	1,040	760	500
FW6- 4	DN 100	4"	457	220	1,856	220	1,200	397	~505	324	300	1,230	1,080	800	500
FW6- 5	DN 100	4"	508	220	1,909	220	1,230	422	~505	324	350	1,230	1,060	780	500
FW6- 7	DN 150	6"	559	330	2,086	220	1,400	462	~505	324	400	1,230	1,180	880	500
FW6- 8	DN 150	6"	610	330	2,074	220	1,370	487	~505	324	450	1,230	1,250	950	500
FW6- 9	DN 150	6"	660	330	2,082	220	1,370	511	~505	324	500	1,300	1,250	950	500
FW6-11	DN 150	6"	711	320	2,026	220	1,310	541	~505	324	550	1,300	1,200	900	500
FW6-13	DN 200	8"	750	400	2,124	220	1,380	565	~505	324	600	1,300	1,300	1,000	500