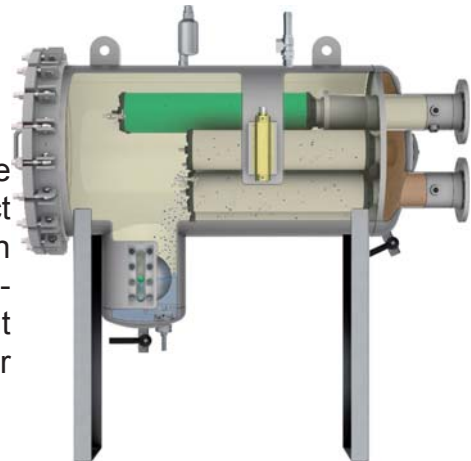


# FW10-H-Series

## Applications

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

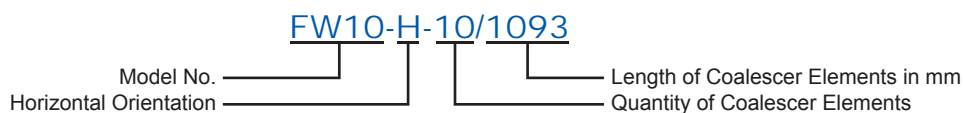
FAUDI Aviation Filter Water Separator Vessels are designed and built in accordance with the strict engineering guidelines and pressure vessel regulation of AD-2000. The design according to other pressure vessel regulations like ASME code with or without u-stamp, BS, GOST-R, etc., is possible on customer 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 7.720 l/min
- Max. 15 ppm free water in the outlet stream
- Max. 0,26 mg/l (average) particles in the outlet stream

## Sample Identification



Model No.	Separator Element		max. Flow Rate	
	Model	Qty..	l/min	USGPM
FW10-H- 2/ 559	60.677- 565	1	430	114
FW10-H- 3/ 559	60.677- 565	1	640	169
FW10-H- 4/ 559	60.677- 565	2	870	230
FW10-H- 4/ 727	60.677- 565	2	1.110	293
FW10-H- 6/ 559	60.677- 565	2	1.300	343
FW10-H- 5/ 727	60.677- 565	2	1.390	367
FW10-H- 6/ 727	60.677- 727	2	1.680	444
FW10-H- 6/ 842	60.677- 842	2	2.010	531
FW10-H- 5/1093	60.677- 965	2	2.290	605
FW10-H- 6/ 965	60.677- 965	2	2.350	621

Model No.	Separator Element		max. Flow Rate	
	Model	Qty..	l/min	USGPM
FW10-H- 5/1422	60.677-1188	2	2.970	785
FW10-H- 7/1093	60.677- 842	3	3.220	851
FW10-H- 6/1422	60.677- 965	3	3.560	941
FW10-H- 7/1422	60.677-1093	3	4.150	1.096
FW10-H- 8/1422	60.677-1188	3	4.690	1.239
FW10-H- 9/1422	60.677-1093	4	5.340	1.411
FW10-H-10/1422	60.677-1188	4	5.940	1.569
FW10-H-11/1422	60.677-1093	5	6.530	1.725
FW10-H-12/1422	60.677-1188	5	7.120	1.881
FW10-H-13/1422	60.677-1188	5	7.720	2.040

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 Germany Web: www.faudi-aviation.com



# FW10-H Series

## Standard Design

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

## Dimensions in mm

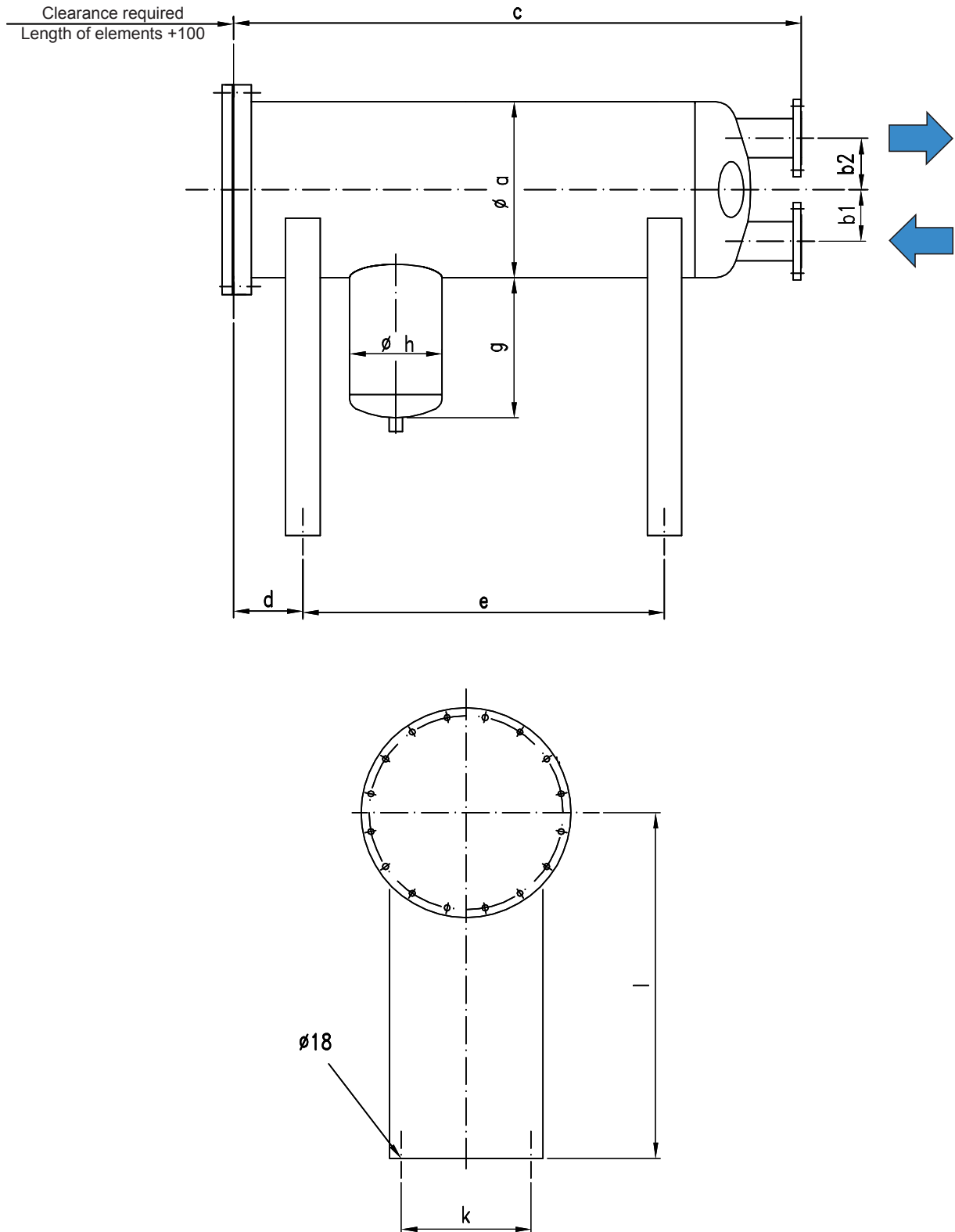
Model No.	Connections		Ø a	b1	b2	c	d	e	g	Ø h	k	l	Volume approx, l	Weight* approx, kg
	DIN	ANSI												
FW10-H- 2/ 559	100	4	450	125	125	1,010	150	470	475	324	300	1,230	153	265
FW10-H- 3/ 559	100	4	500	125	125	1,080	180	480	475	324	370	1,230	197	325
FW10-H- 4/ 559	100	4	550	125	125	1,235	200	550	475	324	390	1,230	261	336
FW10-H- 4/ 727	100	4	550	125	125	1,235	200	550	475	324	390	1,230	261	346
FW10-H- 6/ 559	100	4	650	150	150	1,280	200	560	475	324	500	1,295	361	410
FW10-H- 5/ 727	100	4	600	150	150	1,300	200	620	475	324	450	1,230	323	521
FW10-H- 6/ 727	125	5	650	150	150	1,440	200	725	475	324	500	1,295	410	570
FW10-H- 6/ 842	125	5	650	150	150	1,555	250	790	475	324	500	1,295	445	587
FW10-H- 5/1093	125	5	600	150	150	1,700	200	1,000	475	324	450	1,230	428	593
FW10-H- 6/ 965	150	6	650	150	150	1,680	250	910	475	324	500	1,295	483	609
FW10-H- 5/1422	150	6	600	150	150	1,895	200	1,200	475	324	450	1,230	480	643
FW10-H- 7/1093	150	6	700	135	135	1,640	250	850	475	324	550	1,445	544	718
FW10-H- 6/1422	200	8	700	180	180	1,965	250	1,100	475	324	500	1,295	572	869
FW10-H- 7/1422	200	8	700	180	180	1,995	250	1,170	475	324	550	1,445	616	943
FW10-H- 8/1422	200	8	750	180	180	1,980	280	1,150	600	406	600	1,470	802	1,022
FW10-H- 9/1422	200	8	800	180	180	1,980	280	1,150	600	406	650	1,495	905	1,195
FW10-H-10/1422	200	8	850	180	180	1,980	280	1,150	600	406	700	1,520	993	1,536
FW10-H-11/1422	250	10	900	210	245	1,990	280	1,150	600	406	750	1,545	1,062	1,584
FW10-H-12/1422	250	10	900	210	245	1,990	280	1,150	600	406	750	1,545	1,115	1,584
FW10-H-13/1422	250	10	950	210	245	2,000	280	1,150	600	406	750	1,570	1,115	1,834

\* design in carbon steel

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Germany	Web:	www.faudi-aviation.com	

# FW10-H-Series

## Dimensions in mm



# FILTER WATER SEPARATOR

minor dimension divergences reserved!

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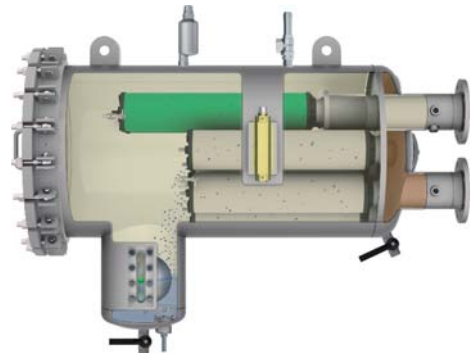
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# FW10-H-T Series

## Applications

For mobile installations on refuellers as well as dispensers according to EI 1581 5<sup>th</sup> Edition, Category C, Type S and Type S-LW.

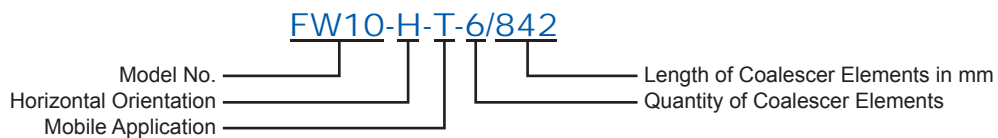
FAUDI Aviation Filter Water Separator Vessels are designed and built in accordance with the strict engineering guidelines and pressure vessel regulation of AD-2000. The design according to other pressure vessel regulations like ASME code with or without u-stamp, BS, GOST-R, etc., is possible on customer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



## Technical Details

- For mobile 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 7.720 l/min
- Max. 15 ppm free water in the outlet stream
- Max. 0,26 mg/l (average) particles in the outlet stream

## Sample Identification



Model No.	Separator Element		max. Flow Rate	
	Model	Qty..	l/min	USGPM
FW10-H-T- 2/ 559	60.677- 565	1	430	114
FW10-H-T- 3/ 559	60.677- 565	1	640	169
FW10-H-T- 4/ 559	60.677- 565	2	870	230
FW10-H-T- 4/ 727	60.677- 565	2	1.110	293
FW10-H-T- 6/ 559	60.677- 565	2	1.300	343
FW10-H-T- 5/ 727	60.677- 565	2	1.390	367
FW10-H-T- 6/ 727	60.677- 727	2	1.680	444
FW10-H-T- 6/ 842	60.677- 842	2	2.010	531
FW10-H-T- 5/1093	60.677- 965	2	2.290	605
FW10-H-T- 6/ 965	60.677- 965	2	2.350	621

Model No.	Separator Element		max. Flow Rate	
	Model	Qty..	l/min	USGPM
FW10-H-T- 5/1422	60.677-1188	2	2.970	785
FW10-H-T- 7/1093	60.677- 842	3	3.220	851
FW10-H-T- 6/1422	60.677- 965	3	3.560	941
FW10-H-T- 7/1422	60.677-1093	3	4.150	1.096
FW10-H-T- 8/1422	60.677-1188	3	4.690	1.239
FW10-H-T- 9/1422	60.677-1093	4	5.340	1.411
FW10-H-T-10/1422	60.677-1188	4	5.940	1.569
FW10-H-T-11/1422	60.677-1093	5	6.530	1.725
FW10-H-T-12/1422	60.677-1188	5	7.120	1.881
FW10-H-T-13/1422	60.677-1188	5	7.720	2.040

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 Germany Web: www.faudi-aviation.com



# FW10-H-T Series

## Standard Design

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

## Dimensions in mm

Model No.	Connections		Ø a	b1	b2	c	d	e	g	Ø h	k	l	Volume approx, l	Weight* approx, kg
	DIN	ANSI												
FW10-H- 2/ 559	100	4	450	125	125	1,010	150	470	475	324	300	1,230	153	265
FW10-H- 3/ 559	100	4	500	125	125	1,080	180	480	475	324	370	1,230	197	325
FW10-H- 4/ 559	100	4	550	125	125	1,235	200	550	475	324	390	1,230	261	336
FW10-H- 4/ 727	100	4	550	125	125	1,235	200	550	475	324	390	1,230	261	346
FW10-H- 6/ 559	100	4	650	150	150	1,280	200	560	475	324	500	1,295	361	410
FW10-H- 5/ 727	100	4	600	150	150	1,300	200	620	475	324	450	1,230	323	521
FW10-H- 6/ 727	125	5	650	150	150	1,440	200	725	475	324	500	1,295	410	570
FW10-H- 6/ 842	125	5	650	150	150	1,555	250	790	475	324	500	1,295	445	587
FW10-H- 5/1093	125	5	600	150	150	1,700	200	1,000	475	324	450	1,230	428	593
FW10-H- 6/ 965	150	6	650	150	150	1,680	250	910	475	324	500	1,295	483	609
FW10-H- 5/1422	150	6	600	150	150	1,895	200	1,200	475	324	450	1,230	480	643
FW10-H- 7/1093	150	6	700	135	135	1,640	250	850	475	324	550	1,445	544	718
FW10-H- 6/1422	200	8	700	180	180	1,965	250	1,100	475	324	500	1,295	572	869
FW10-H- 7/1422	200	8	700	180	180	1,995	250	1,170	475	324	550	1,445	616	943
FW10-H- 8/1422	200	8	750	180	180	1,980	280	1,150	600	406	600	1,470	802	1,022
FW10-H- 9/1422	200	8	800	180	180	1,980	280	1,150	600	406	650	1,495	905	1,195
FW10-H-10/1422	200	8	850	180	180	1,980	280	1,150	600	406	700	1,520	993	1,536
FW10-H-11/1422	250	10	900	210	245	1,990	280	1,150	600	406	750	1,545	1,062	1,584
FW10-H-12/1422	250	10	900	210	245	1,990	280	1,150	600	406	750	1,545	1,115	1,584
FW10-H-13/1422	250	10	950	210	245	2,000	280	1,150	600	406	750	1,570	1,115	1,834

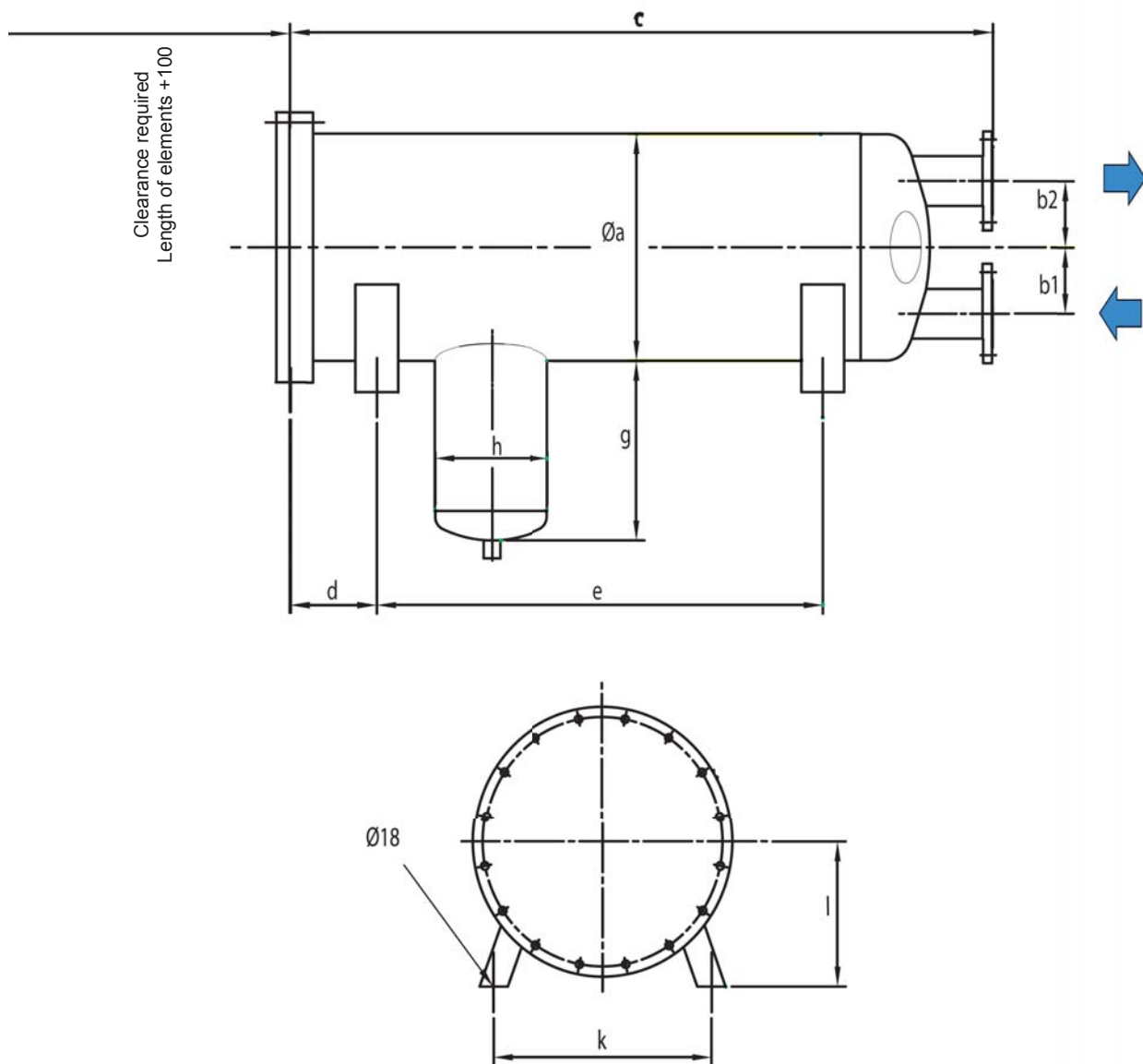
\* design in carbon steel

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# FW10-H-T Series

## Dimensions in mm



minor dimension divergences reserved!

FILTER WATER SEPARATOR

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# FW10-V Series

## Applications

For stationary installations at refineries, fuel storages, marine depots, as well as tank farms, according to EI 1581 5<sup>th</sup> 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.

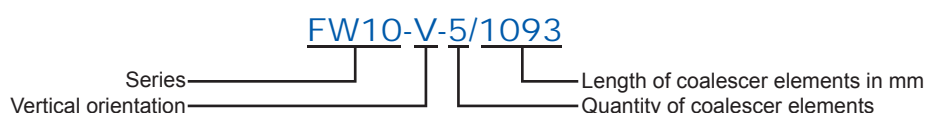


# FILTER WATER SEPARATOR

## 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 8.550 l/min
- Max. 15 ppm free water in the outlet stream
- Max. 0,26 mg/l (average) particles in the outlet stream

## Sample Identification



Model No.	Separator Element		Max Flow Rate	
	Model	Qty.	l/min	USGPM
FW10-V- 3/ 559	60.677- 565	1	580	153
FW10-V- 5/ 559	60.677- 565	2	980	259
FW10-V- 5/ 727	60.677- 565	2	1,260	333
FW10-V- 5/ 842	60.677- 727	2	1,510	399
FW10-V- 5/1093	60.677- 965	2	2,060	544
FW10-V- 5/1422	60.677-1188	2	2,660	703
FW10-V- 8/ 965	60.677- 842	3	2,830	748
FW10-V- 9/ 965	60.677- 965	3	3,190	843
FW10-V- 8/1093	60.677- 965	3	3,300	872
FW10-V-10/ 965	60.677- 727	5	3,540	935
FW10-V- 9/1093	60.677-1188	3	3,710	980
FW10-V-11/ 965	60.677- 727	5	3,890	1,028

Model No.	Separator element		Max Flow Rate	
	Model	Qty.	l/min	USGPM
FW10-V-10/1093	60.677- 727	5	4,140	1,094
FW10-V- 8/1422	60.677-1188	3	4,260	1,125
FW10-V-10/1422	60.677- 842	5	4,500	1,189
FW10-V-11/1093	60.677- 965	5	4,550	1,202
FW10-V- 9/1422	60.677- 842	5	4,800	1,268
FW10-V-10/1422	60.677- 965	5	5,330	1,408
FW10-V-11/1422	60.677-1093	5	5,870	1,551
FW10-V-12/1422	60.677-1093	5	6,400	1,691
FW10-V-13/1422	60.677-1093	6	6,930	1,831
FW10-V-14/1422	60.677-1188	6	7,470	1,974
FW10-V-15/1422	60.677-1188	6	8,010	2,116
FW10-V-16/1422	60.677-1188	6	8,550	2,259

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 Germany      Web:      www.faudi-aviation.com



# FW10-V Series


## Standard Design

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

## Dimensions in mm

Model No.	Connections		k		l							min ID	Volume approx.	Weight* approx.
	DIN	ANSI	DIN	ANSI	DIN	ANSI	Ø a	b	c	e	f	Vessel	l	kg
FW10-V- 3/ 559	100	4	251	275	583	631	500	200	1,615	500	19	468	257	325
FW10-V- 5/ 559	100	4	339	363	698	746	600	200	1,640	600	24	580	376	515
FW10-V- 5/ 727	100	4	339	363	698	746	600	200	1,750	600	24	580	413	533
FW10-V- 5/ 842	125	5	380	414	712	780	650	230	1,960	650	24	620	458	560
FW10-V- 5/1093	125	5	380	414	712	780	650	230	2,240	650	24	620	532	593
FW10-V- 5/1422	150	6	419	453	857	925	700	250	2,430	650	24	650	627	643
FW10-V- 8/ 965	150	6	453	487	939	1,007	800	250	2,030	800	24	775	903	886
FW10-V- 9/ 965	200	8	536	576	1,105	1,184	800	250	2,170	800	24	775	942	932
FW10-V- 8/1093	200	8	536	576	1,105	1,184	800	250	2,290	800	24	775	975	945
FW10-V-10/ 965	200	8	534	576	1,160	1,239	1,000	250	2,150	1,000	28	976	1,433	1,402
FW10-V- 9/1093	200	8	536	576	1,105	1,184	800	250	2,400	800	24	775	1,037	971
FW10-V-11/ 965	200	8	534	576	1,160	1,239	1,000	250	2,150	1,000	28	976	1,433	1,402
FW10-V-10/1093	200	8	534	576	1,160	1,239	1,000	250	2,300	1,000	28	976	1,544	1,446
FW10-V- 8/1422	200	8	536	576	1,105	1,184	800	250	2,590	800	24	775	1,161	1,022
FW10-V-10/1422	200	8	534	576	1,160	1,239	1,000	250	2,600	1,000	28	976	1,773	1,536
FW10-V-11/1093	200	8	534	576	1,160	1,239	1,000	250	2,300	1,000	28	976	1,544	1,446
FW10-V- 9/1422	200	8	571	610	1,130	1,209	900	250	2,600	900	28	843	1,473	1,195
FW10-V-10/1422	200	8	534	574	1,160	1,239	1,000	250	2,600	1,000	28	976	1,773	1,536
FW10-V-11/1422	250	10	618	650	1,328	1,391	1,000	300	2,730	1,000	28	976	1,832	1,584
FW10-V-12/1422	250	10	618	650	1,328	1,391	1,000	300	2,730	1,000	28	976	1,861	1,584
FW10-V-13/1422	250	10	619	651	1,329	1,392	1,100	300	2,730	1,000	28	1,074	2,232	1,834
FW10-V-14/1422	250	10	619	651	1,329	1,392	1,100	300	2,730	1,000	28	1,074	2,232	1,834
FW10-V-15/1422	250	10	619	651	1,329	1,392	1,100	300	2,730	1,000	28	1,074	2,232	1,834
FW10-V-16/1422	250	10	619	651	1,329	1,392	1,100	300	2,730	1,100	28	1,074	2,232	1,834

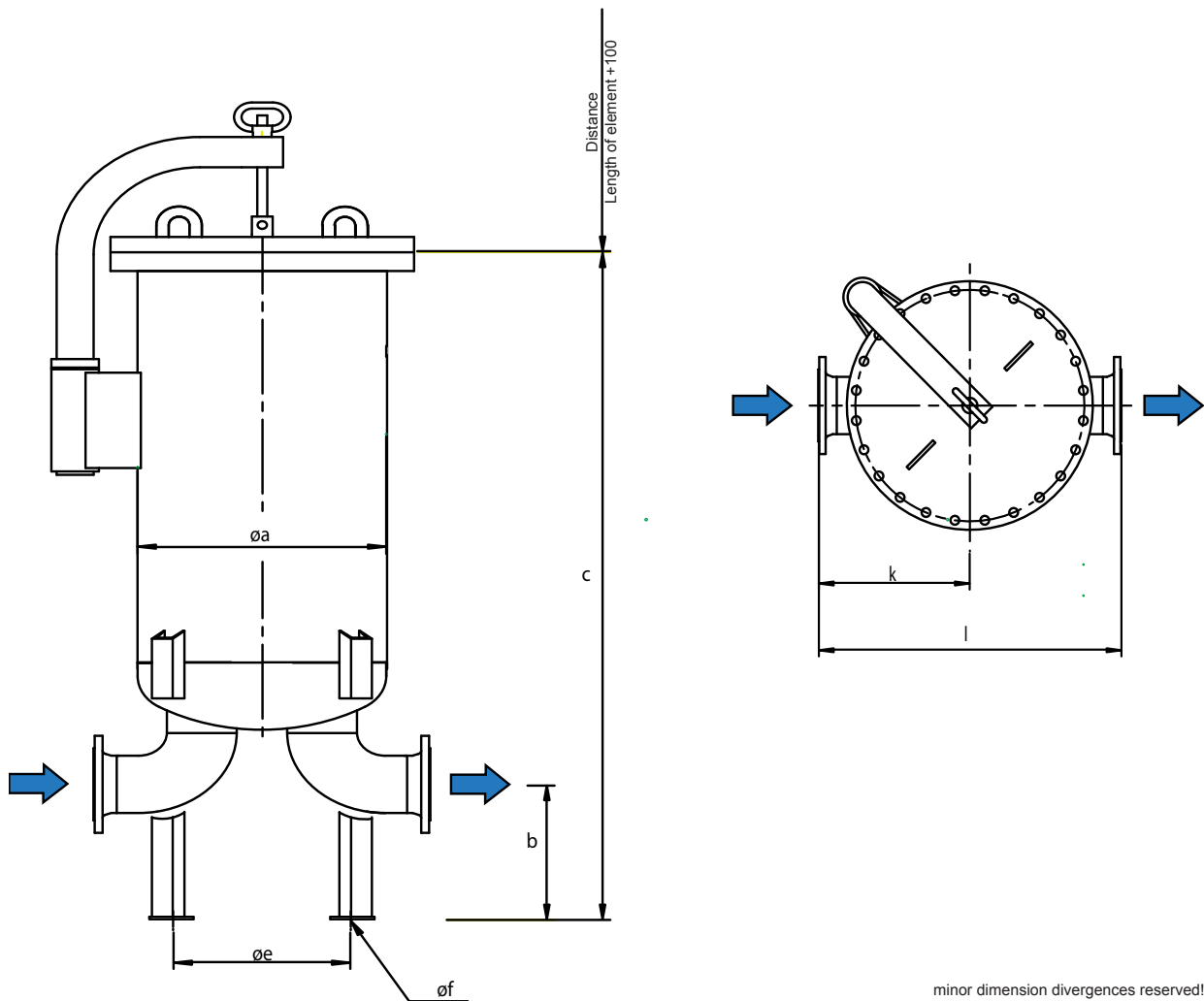
\* design in carbon steel

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Germany	Web:	www.faudi-aviation.com	



# FW10-V Series

## Dimensions in mm



minor dimension divergences reserved!

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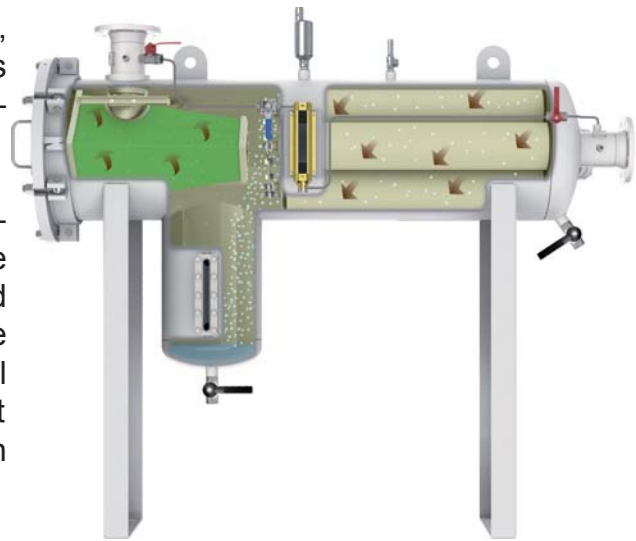
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# FW6 Series

## Applications

For stationary installations at refineries, fuel storages, marine depots, as well as tank farms, according to EI 1581 5<sup>th</sup> 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

Series FW6-2 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

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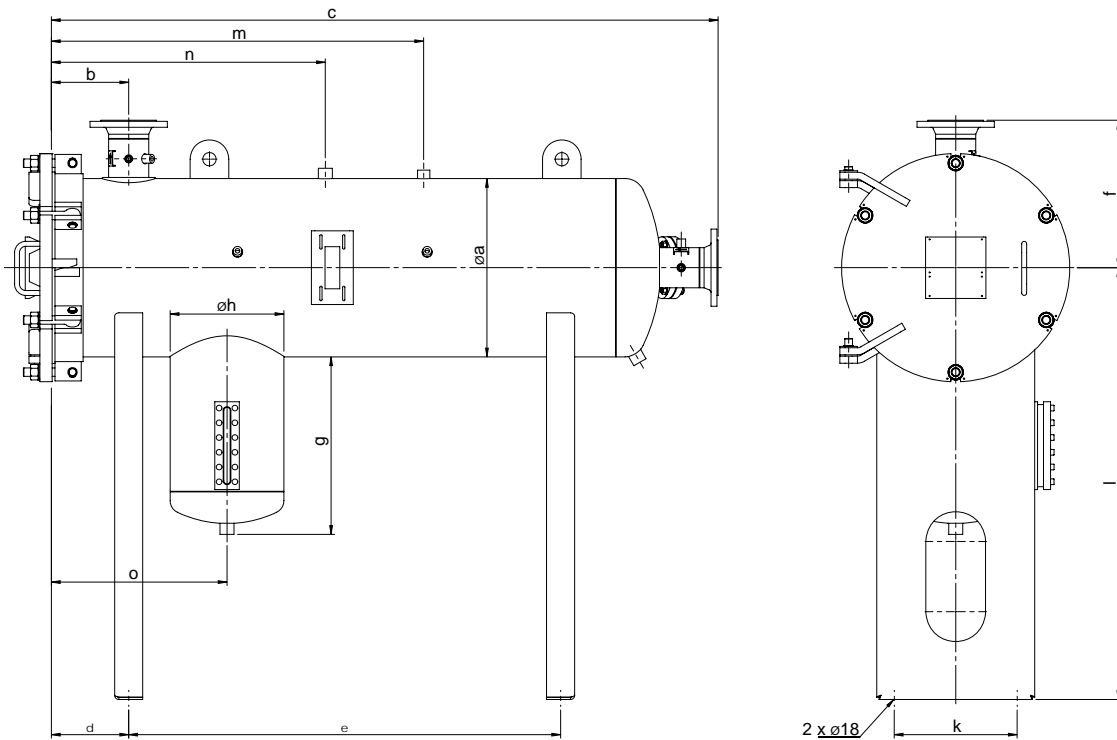


## FW6 Series

### 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
  - Pressure relief valve
  - Differential pressure measuring device (4-point)
  - 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

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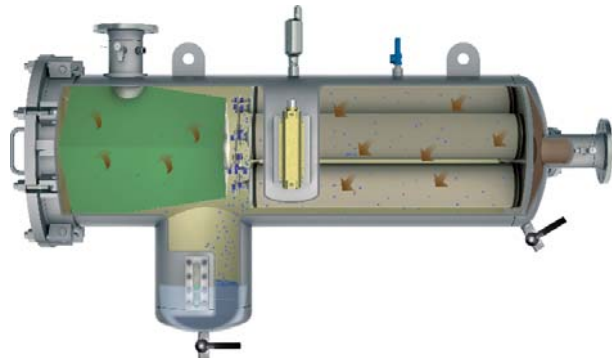


# FW6-T Series

## Applications

For mobile installations on refuellers as well as dispensers according to EI 1581 5<sup>th</sup> Edition, Category C, Type S and Type S-LW.

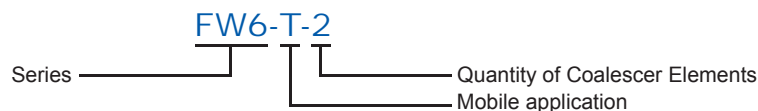
FAUDI Aviation Filter Water Separator Vessels are designed and built in accordance with the strict engineering guidelines and pressure vessel regulation of AD-2000. The design according to other pressure vessel regulations like ASME code with or without u-stamp, BS, GOST-R, etc., is possible on customer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



## Technical Details

- For mobile 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 4.500 l/min resp. 3.240 l/min
- Max. 15 ppm free water in the outlet stream
- Max. 0,26 mg/l (average) particles in the outlet stream

## Sample Identification



Type	Coalescer Element		Separator Element		Maximale Flow Rate				Volume ≈ l	Weight* ≈ kg
					Jet-A, Jet-A1 Type S		Jet-A, Jet-A1 Type S-LW			
	Model	Qty	Model	Qty.	l/min	USGPM	l/min	USGPM		
FW6-T-2	P.3-842	2	3006212	1	720	190	1.000	264	≈ 150	≈ 190
FW6-T-3	P.3-842	3	3006380	1	1.080	285	1.500	396	≈ 200	≈ 235
FW6-T-4	P.3-842	4	3006275	1	1.440	380	2.000	528	≈ 260	≈ 300
FW6-T-5	P.3-842	5	3006336	1	1.800	475	2.500	660	≈ 330	≈ 340
FW6-T-7	P.3-842	7	3006337	1	2.520	665	3.500	924	≈ 430	≈ 435
FW6-T-8	P.3-842	8	3006274	1	2.880	760	4.000	1.056	≈ 515	≈ 480
FW6-T-9	P.3-842	9	3006338	1	3.240	855	4.500	1.188	≈ 600	≈ 575

\* design in carbon- or stainless steel

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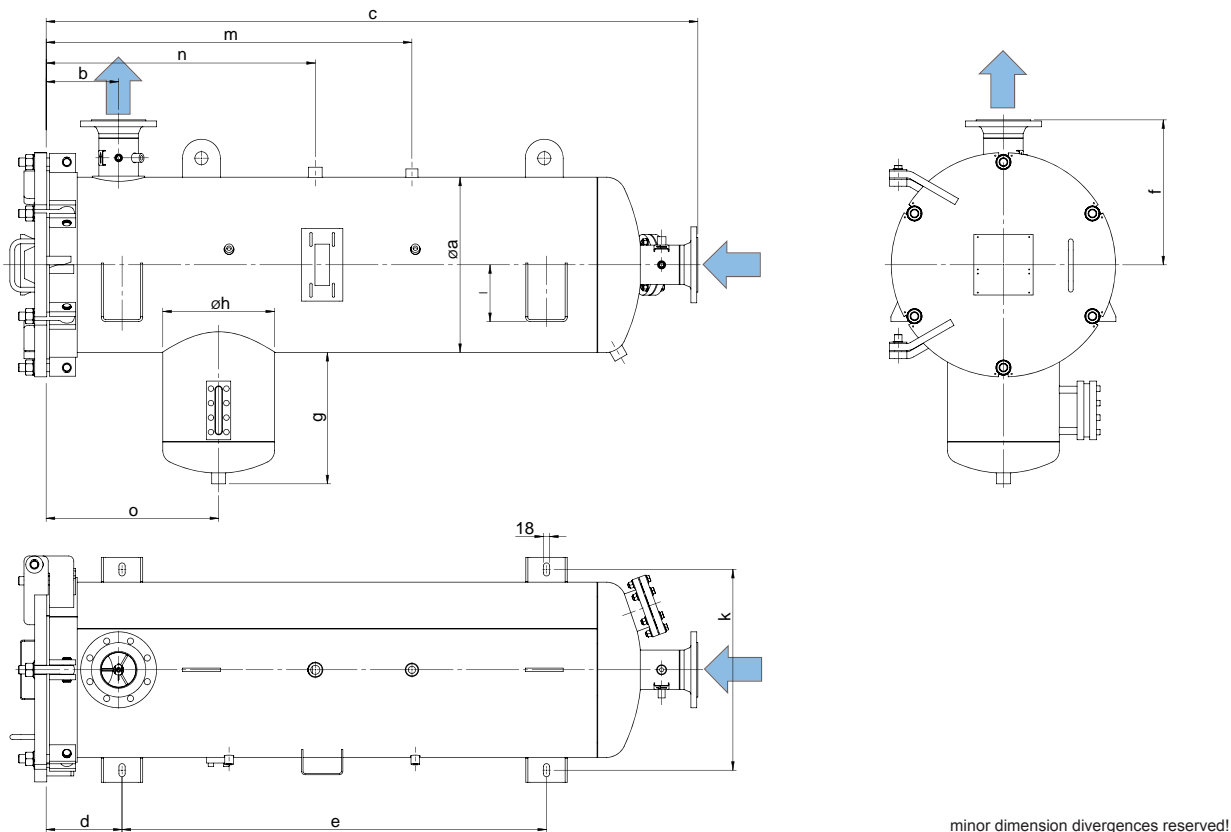
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## FW6-T Series

### Standard Design

- Made 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



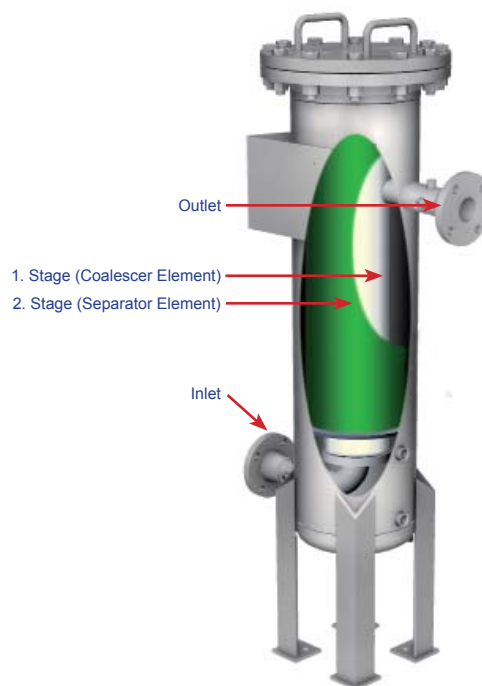
Type	In-/Outlet		Dimensions in mm												
	DIN	ANSI	Ø a	b	c	d	e	f	g	Ø h	k	l	m	n	o
FW6-T-2	DN 80	3"	356	220	1.666	220	1.050	340	~380	324	400	140	960	680	500
FW6-T-3	DN 100	4"	406	230	1.771	220	1.110	370	~380	324	450	150	1.040	760	500
FW6-T-4	DN 100	4"	457	230	1.856	220	1.200	397	~380	324	500	160	1.080	800	500
FW6-T-5	DN 100	4"	508	230	1.909	220	1.230	422	~380	324	550	170	1.060	780	500
FW6-T-7	DN 150	6"	559	330	2.086	220	1.400	462	~380	324	600	190	1.180	880	500
FW6-T-8	DN 150	6"	610	330	2.074	220	1.370	487	~380	324	650	190	1.250	950	500
FW6-T-9	DN 150	6"	660	340	2.092	220	1.370	511	~380	324	700	200	1.250	950	500

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## Applications

For stationary installations at refineries, fuel storages, marine depots, as well as tank farms, according to EI 1581 5<sup>th</sup> 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 mobile and stationary applications
- Tested and approved acc. to EI 1581 5th edition, Cat. C, Type S
- Suitable for Jet A1, Jet A, other fluids on request
- Maximal flow rates up to 330 l/min
- Max. 15 ppm free water in the outlet stream
- Max. 0,26 mg/l (average) particles in the outlet stream

## Sample Identification

FW9-S-1/727

Series \_\_\_\_\_ Length of Coalescer Element in mm

Type	Coalescer Element		Separator Element		Maximum Flow Rate		Volume ≈ l	Weight ≈ kg <sup>-1</sup>
	Model	Qty.	Model	Qty.	Jet-A, Jet-A1 Cat. C, Type S			
	Model	Qty.	Model	Qty.	l/min	USGPM		
FW9-S-1/235	P.3-235	1	FW9-S-1(235)	1	83	22	30	40
FW9-S-1/279	P.3-279	1	FW9-S-1(279)	1	101	26	32	46
FW9-S-1/362	P.3-362	1	FW9-S-1(362)	1	134	35	37	55
FW9-S-1/467	P.3-467	1	FW9-S-1(467)	1	177	46	43	63
FW9-S-1/565	P.3-565	1	FW9-S-1(565)	1	217	57	48	70
FW9-S-1/727	P.3-727	1	FW9-S-1(727)	1	283	74	57	80
FW9-S-1/842	P.3-842	1	FW9-S-1(842)	1	330	87	63	90

\* Design in Stainless Steel acc. to AD-2000

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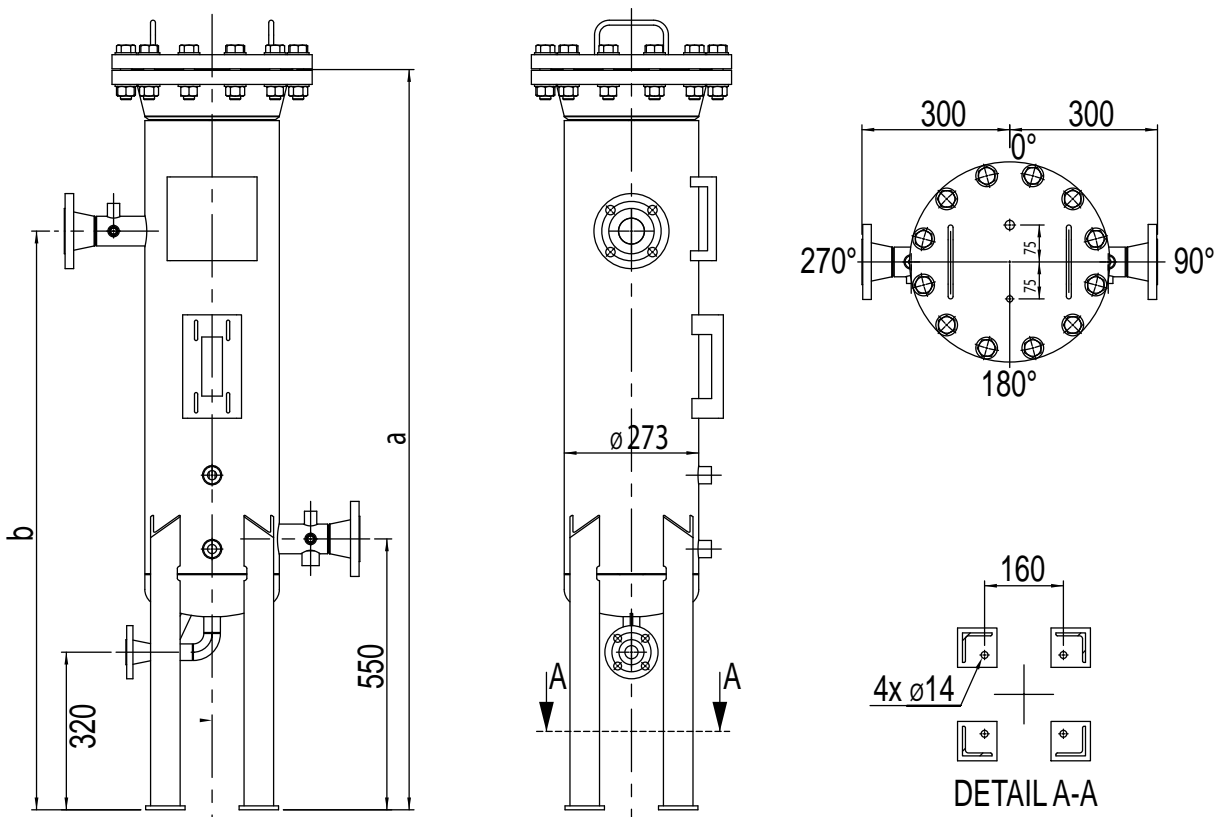


## FW9-S Series

### Standard Design

- Made in stainless steel
- AD-2000 module H
- Design pressure: 16 bar
- Water Level Indicator (Z-3.5)
- Connections for:
  - Automatic air eliminator
  - Pressure relief valve
- Differential pressure measuring device (2-point)
- Sample probe connections on outlet and inlet

### Dimensions in mm for carbon steel vessel standard



Type	In-/Outlet		Dimensions in mm*		
	DIN	ANSI	Ø	a	b
FW9-S-1/235	DN 65	3"	273	1.000	675
FW9-S-1/279	DN 65	3"	273	1.050	725
FW9-S-1/362	DN 65	3"	273	1.130	805
FW9-S-1/467	DN 65	3"	273	1.235	910
FW9-S-1/565	DN 65	3"	273	1.335	1.010
FW9-S-1/727	DN 65	3"	273	1.500	1.175
FW9-S-1/842	DN 65	3"	273	1.620	1.295

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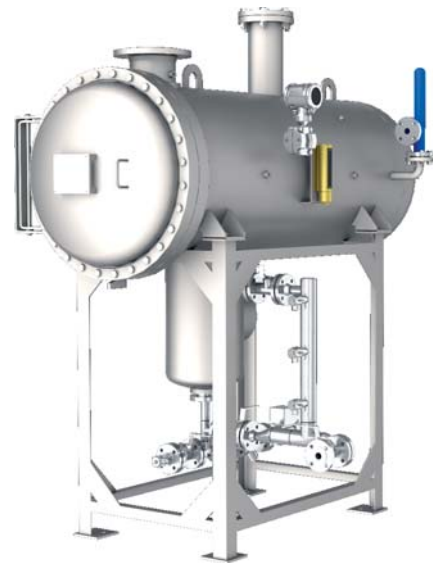


# FWE Series

## Applications

For stationary installations at refineries, fuel storages, marine depots, as well as tank farms, according EI 1581 6th Edition Cat. M.

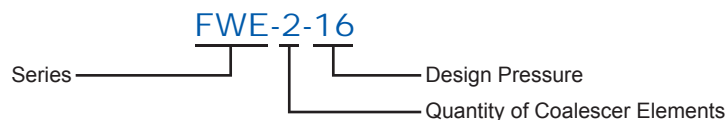
FAUDI Aviation Filter Water Separator Vessels are designed and built in accordance with the strict engineering guidelines and pressure vessel regulation of AD-2000.



## Technical Details

- For stationary applications
- Suitable for JP-4 and JP-8
- Vessel material acc. to customer request (carbon steel, stainless steel or aluminium)
- Maximal flow rates up to 4.000 l/min
- Max. 5 ppm free water in the outlet stream
- Max. 0,5 mg/l (average) particles in the outlet stream

## Sample Identification



Series	Coalescer Element		Separator Element		Maximale Flow Rate		Volume l	Weight* kg
	Model	Qty.	Model	Qty.	l/min	USGPM		
FWE- 3	D.1-842	3	890 13 73	1	600	158	This Series is re-engineering at the moment. Please contact us in case of any question	
FWE- 4	D.1-842	4	890 13 73	1	800	211		
FWE- 5	D.1-842	5	893 88 47	1	1.000	264		
FWE- 7	D.1-842	7	941 70 64	1	1.400	369		
FWE- 9	D.1-842	9	942 84 75	1	1.800	475		
FWE-11	D.1-842	11	888 54 51	1	2.200	581		
FWE-13	D.1-842	13	891 12 40	1	2.600	686		
FWE-17	D.1-842	17	941 59 02	1	3.400	898		
FWE-20	D.1-842	20	941 16 79	1	4.000	1.056		

\* design in carbon steel

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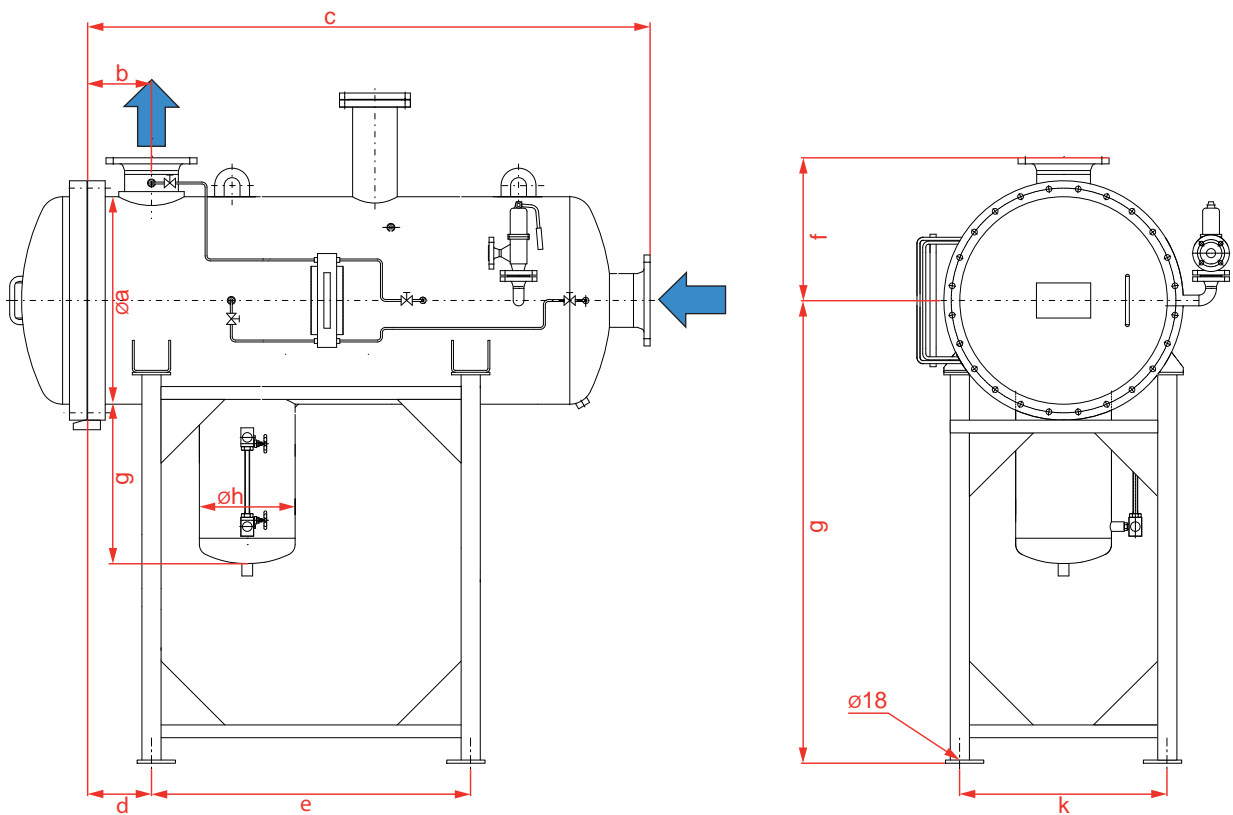


## FWE Series

### Standard Design


- Made in carbon steel
- Cover installation with hinge (left) and swing bolts
- Design acc. to 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



Model No.	Connections		Dimensions in mm*									
	DIN	ANSI	Ø a	b	c	d	e	f	g	Øh	k	l
FWE- 3	DN 80	3"	This Series is re-engineering at the moment. Please contact us in case of any question									
FWE- 4	DN 100	4"										
FWE- 5	DN 100	4"										
FWE- 7	DN 100	5"										
FWE- 9	DN 150	5"										
FWE-11	DN 150	6"										
FWE-13	DN 150	6"										
FWE-17	DN 200	8"										
FWE-20	DN 200	8"										

\* design in carbon

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# FWE-STS-M Series

## Applications

For stationary installations at refineries, fuel storages, marine depots, as well as tank farms, according to STS-M 126 and TL 4330-0001.

FAUDI Aviation Filter Water Separator Vessels are designed and built in accordance with the strict engineering guidelines and pressure vessel regulation of AD-2000.

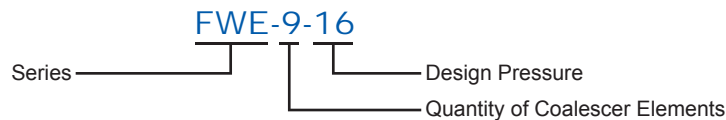


FILTER WATER SEPARATOR

## Technical Details

- For stationary applications
- Suitable for JP-4 and JP-8
- Vessel material acc. to customer request (carbon steel, stainless steel or aluminium)
- Maximal flow rates up to 4.000 l/min
- Max. 5 ppm free water in the outlet stream
- Max. 0,5 mg/l (average) particles in the outlet stream

## Sample Identification



Series	Coalescer Element		Separator Element		Maximale Flow Rate		Volume	Weight
	Model	Qty.	Model	Qty.	l/min	USGPM	l	kg
FWE-3	D.1-842	3	890 13 73	1	600	158	≈ 224	≈ 444
FWE-4	D.1-842	4	890 13 73	1	800	211	≈ 285	≈ 492
FWE-5	D.1-842	5	893 88 47	1	1.000	264	≈ 340	≈ 544
FWE-7	D.1-842	7	941 70 64	1	1.400	369	≈ 441	≈ 602
FWE-9	D.1-842	9	942 84 75	1	1.800	475	≈ 638	≈ 697
FWE-11	D.1-842	11	888 54 51	1	2.200	581	≈ 748	≈ 749
FWE-13	D.1-842	13	891 12 40	1	2.600	686	≈ 937	≈ 816
FWE-17	D.1-842	17	941 59 02	1	3.400	898	≈ 1.111	≈ 892
FWE-20	D.1-842	20	941 16 79	1	4.000	1.056	≈ 1.344	≈ 930

\*1 design in carbon steel

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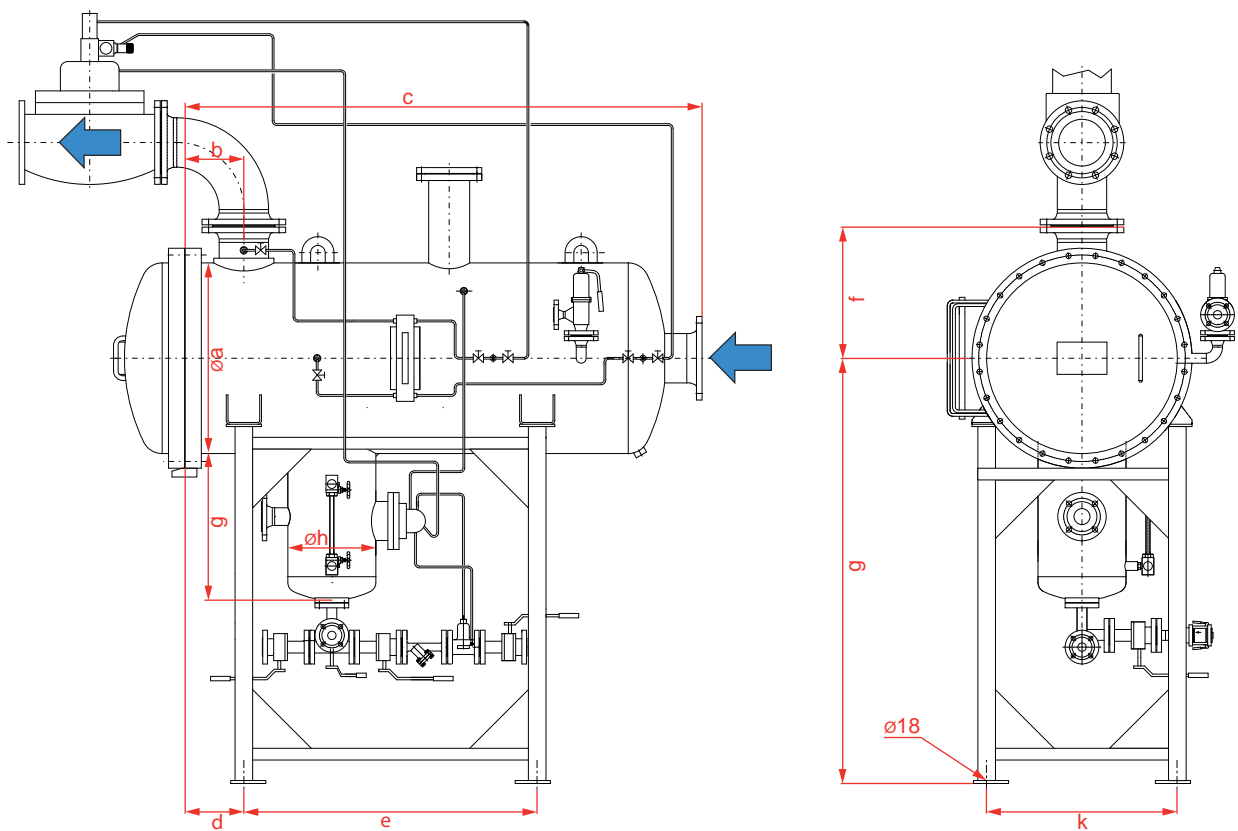


## FW6-STS-M Series

### Standard Design

- Made in carbon steel, outside prime coated, inside epoxy coated acc. to MIL-C-4556
- Cover installation with hinge (left)
- AD-2000 module H
- Design pressure: 16 bar
- 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



Model No.	Connections		Dimensions in mm									
	DIN	ANSI	Ø a	b	c	d	e	f	g	Øh	k	l
FWE- 3	DN 80	3"	400	225	1.775	250	1.080	355	475	324	250	1.230
FWE- 4	DN 100	4"	450	225	1.797	250	1.080	385	475	324	300	1.230
FWE- 5	DN 100	4"	500	225	1.815	250	1.090	420	475	324	350	1.230
FWE- 7	DN 100	5"	550	247	1.880	250	1.125	440	475	324	400	1.230
FWE- 9	DN 150	5"	650	305	1.995	250	1.230	490	475	324	500	1.295
FWE-11	DN 150	6"	700	300	2.015	250	1.240	530	475	324	550	1.445
FWE-13	DN 150	6"	750	300	2.035	250	1.230	555	475	324	600	1.470
FWE-17	DN 200	8"	850	300	2.055	250	1.230	595	475	324	700	1.495
FWE-20	DN 200	8"	900	375	2.210	250	1.380	620	475	324	750	1.520

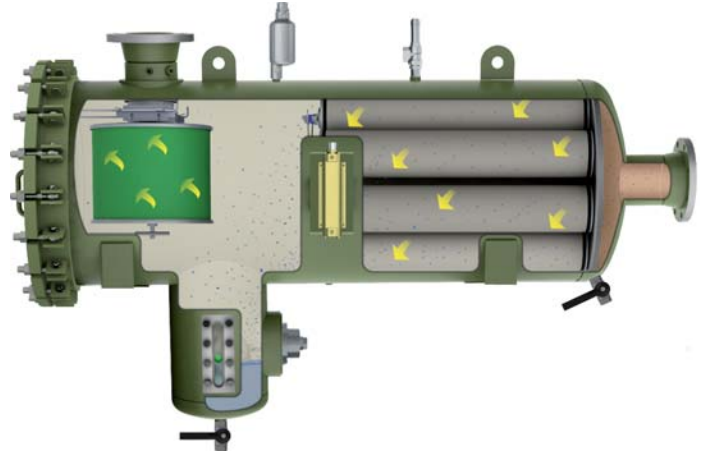
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# FWE-T Series

## Applications

For stationary installations at refineries, fuel storages, marine depots, as well as tank farms, according EI 1581 6th Edition Cat. M.

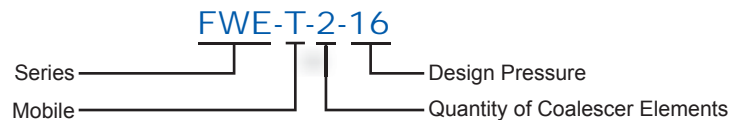
FAUDI Aviation Filter Water Separator Vessels are designed and built in accordance with the strict engineering guidelines and pressure vessel regulation of AD-2000.



## Technical Details

- For mobile applications
- Suitable for JP-4 and JP-8
- Vessel material acc. to customer request (carbon steel, stainless steel or aluminium)
- Maximal flow rates up to 4.000 l/min
- Max. 5 ppm free water in the outlet stream
- Max. 0,5 mg/l (average) particles in the outlet stream

## Sample Identification



Series	Coalescer Element		Separator Element		Maximale Flow Rate		Volume l	Weight* kg
	Model	Qty.	Model	Qty.	l/min	USGPM		
FWE-T-3	D.1-842	3	890 13 73	1	600	158	This Series is re-engineering at the moment. Please contact us in case of any question	
FWE-T-4	D.1-842	4	890 13 73	1	800	211		
FWE-T-5	D.1-842	5	893 88 47	1	1.000	264		
FWE-T-7	D.1-842	7	941 70 64	1	1.400	369		
FWE-T-9	D.1-842	9	942 84 75	1	1.800	475		
FWE-T-11	D.1-842	11	888 54 51	1	2.200	581		
FWE-T-13	D.1-842	13	891 12 40	1	2.600	686		
FWE-T-17	D.1-842	17	941 59 02	1	3.400	898		
FWE-T-20	D.1-842	20	941 16 79	1	4.000	1.056		

\* design in carbon steel

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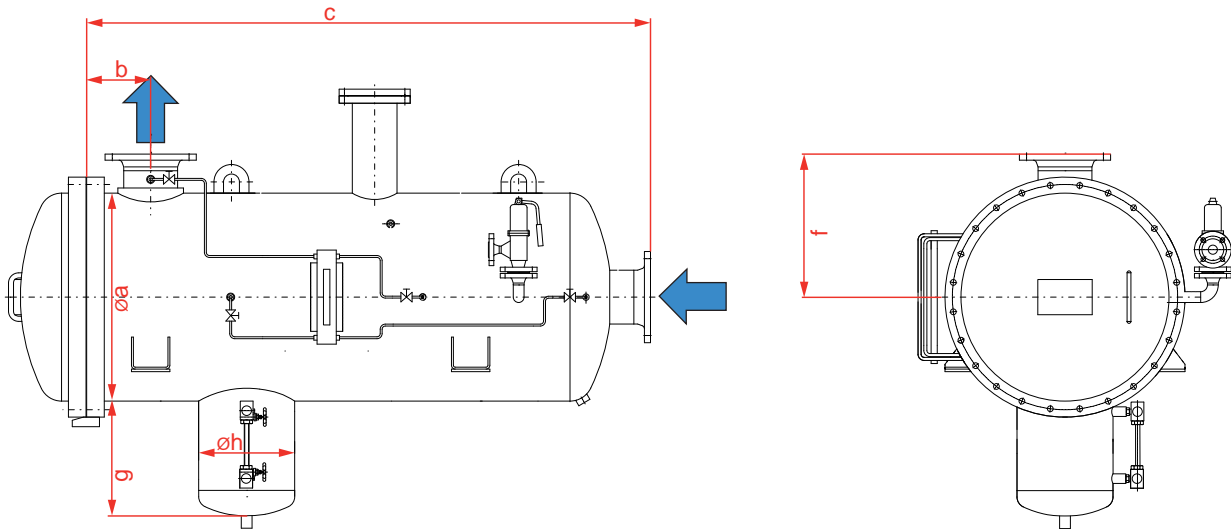


## FWE-T Series

### Standard Design

- Made in carbon steel
- Cover installation with hinge (left) and swing bolts
- Design acc. to 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	Øh	k	l	
FWE-T- 3	DN 80	3"	This Series is re-engineering at the moment. Please contact us in case of any question										
FWE-T- 4	DN 100	4"											
FWE-T- 5	DN 100	4"											
FWE-T- 7	DN 100	5"											
FWE-T- 9	DN 150	5"											
FWE-T-11	DN 150	6"											
FWE-T-13	DN 150	6"											
FWE-T-17	DN 200	8"											
FWE-T-20	DN 200	8"											

\* design in carbon

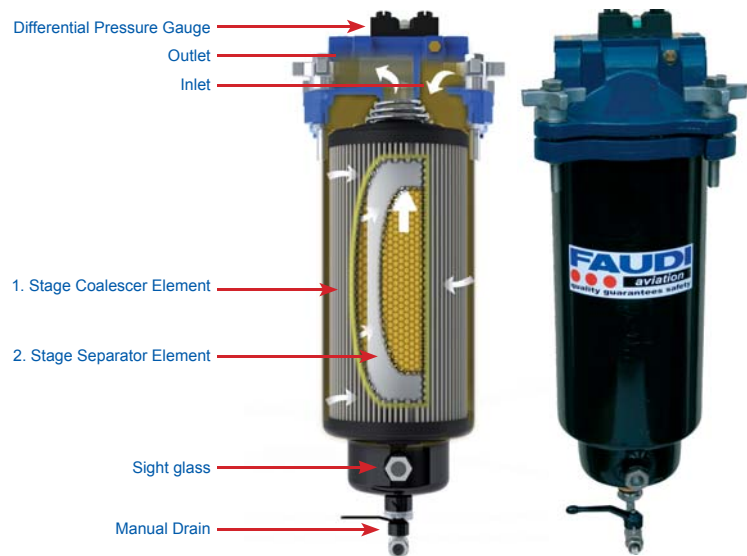
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# VFC Series

## Description

Approved and tested according to EI 1581 5<sup>th</sup> edition, Category C, Type S & S-LW and Category M, Type S.

The vertical filter water separator Type VFC-1 fascinates by high economic efficiency as well as an easy installation and servicing.



## Applications

- Airfield refuelling cars
- Helicopter refuelling
- stationary and mobile fuelling units on small airfields/airports
- Refuelling of small aircrafts
- Filtration of diesel on low flow rates
- Filtration of heating oil
- Refuelling of small ships and barks

## Fuels

- Kerosine (Jet Fuel)
- Military Jet Fuels
- AVGAS
- Diesel (other type of element)

## Technical Details

VFC-1/254-10	Micron rating (µm)	max. Flow Rate (l/min)				max. Differential Pressure (bar)
		Kerosine		JP4, JP5, JP8	Diesel	
Coalescer-/Separator Type		Cat. C, Type S	Cat. C, Type S-LW	Cat. M, Type S		
CS6-254-1	1	71	89	-	29	1.1
MCS6-254-1	1	-	-	52		1.1

VFC-1/355-10	Micron rating (µm)	max. Flow Rate (l/min)				max. Differential Pressure (bar)
		Kerosine		JP4, JP5, JP8	Diesel	
Coalescer-/Separator Type		Cat. C, Type S	Cat. C, Type S-LW	Cat. M, Type S		
CS6-355-1	1	110	136	-	45	1.1
MCS6-355-1	1	-	-	74		1.1

- Design Pressure: 10 bar
- Design Temperature: -10°C to +50°C

## Maintenance & Inspection

- Vessel cover with Quick Opening for easiest Maintenance

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## VFC Series

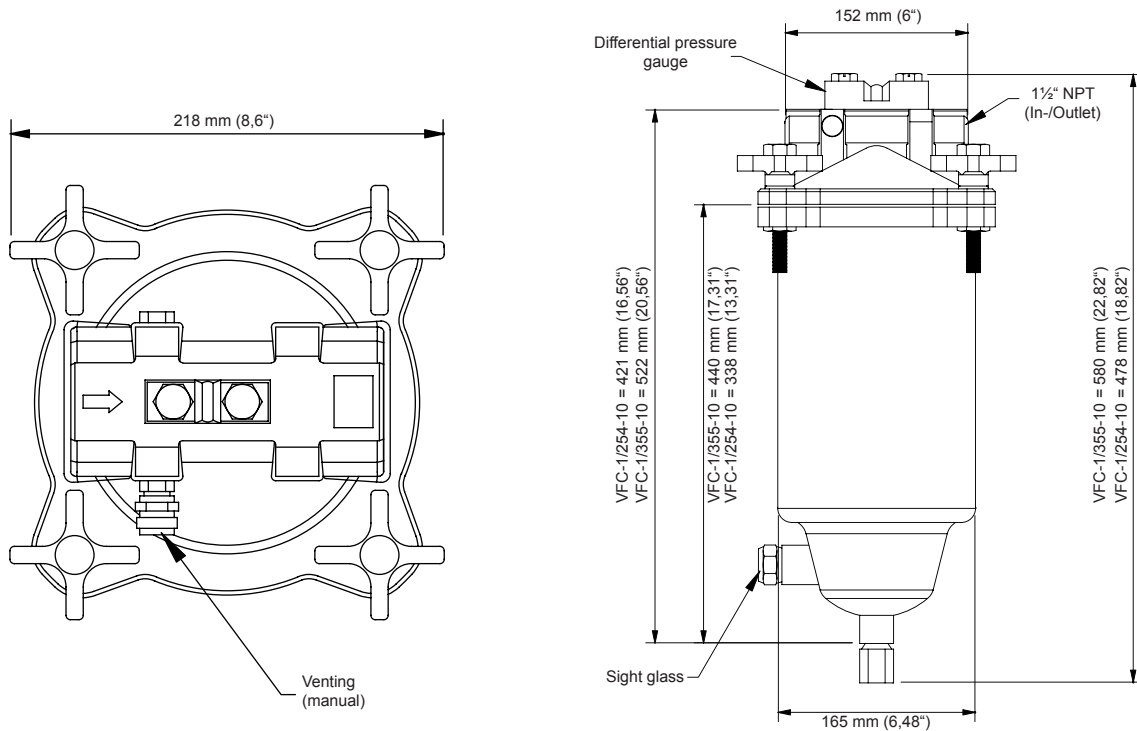
### Standard Design

- Head of vessel made from die-cast aluminium
- Vessel made from carbon steel (painted)
- Design pressure 10 bar on +50°C
- Vessel cover with quick opening
- In-/Outlet 1 ½" NPT
- Manual water drain
- Sight glass
- Manual venting
- Differential Pressure Gauge
- Inclusive 1 ea CS6-254-1 or CS6-355-1



Coalescer/Separator-Element

### Dimensions



Spare Parts	Quantity	Article No.
VFC-1/254-10	1	3 002 985
VFC-1/355-10	1	3 003 986
Differential pressure gauge	1	3 002531
O-Ring for differential pressure gauge 20,5 x 3 (Viton®)	2	3 003 830
O-Ring for differential pressure gauge 9,52 x 1,78 (Viton®)	2	3 003 831
Sela 158x5,3 (BUNA-N) or	1	3 005 251
Seal 158x5,3 (VITON®)	1	3 005 252
Coalescer-/Separator Type CS6-254-1		3 003 983
Coalescer-/Separator Type CS6-355-1		3 003 984
Coalescer-/Separator Type MCS6-254-1		3 004 519
Coalescer-/Separator Type MCS6-355-1		3 004 507

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