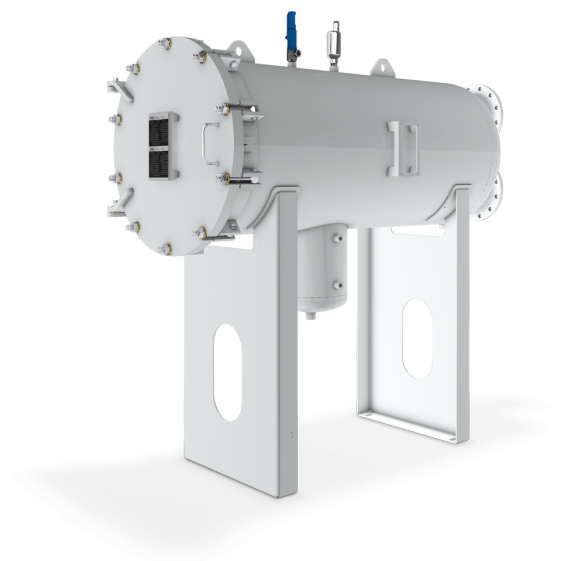


QUALIFIED TO SPECIFICATION EI 1581 7TH EDITION, CATEGORY C, TYPE S

The filter/water separator FW10-H is 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. The filter vessels incorporate flat sealed or threaded base coalescer elements and reusable separator elements



APPLICATION AREA

- Horizontal filter vessels for fixed installation

TECHNICAL DATA

- Design and construction: EI 1596 3rd Edition
- Design pressure: Designed to pressure requirements
- Flow rate: Up to 9500 lpm (2509 USgpm)

STANDARD DESIGN

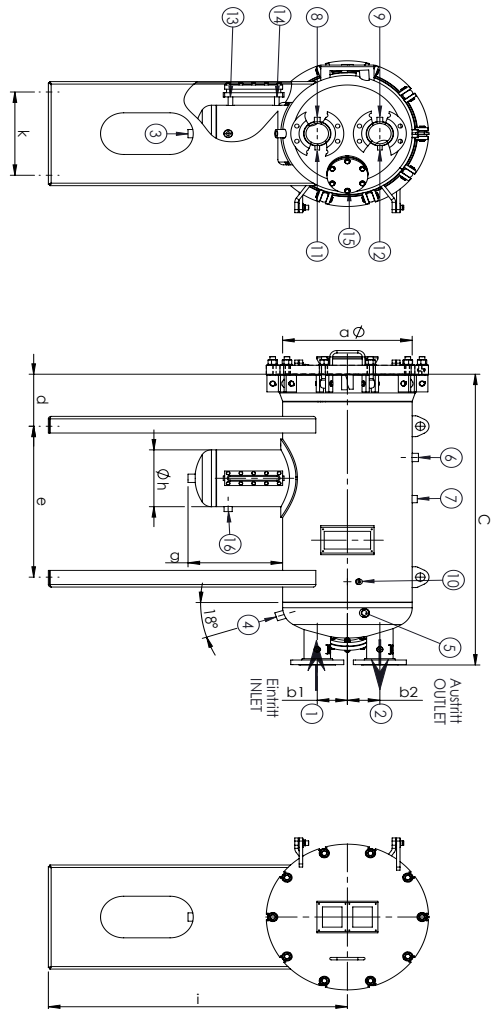
- Material: Carbon steel (other version on request)
- Interior: Epoxy coating according to EI 1541
- Exterior: Prime coated
- Cover seal: NBR (Buna-N)

RECOMMENDED ACCESSORIES

- Differential pressure gauge
- Manual drain valve
- Automatic air eliminator
- Pressure relief valve
- Sump heater
- Electronic sensors

Stand: 16.12.2021

FW10-H-Baureihe



Stützentabelle LIST OF NOZZLES			
Stütz- NOZZLE ENO	Nenngröße NOMINAL SIZE	Flanschtyp TYPE OF FLANGES	Bezeichnung NAME
1	gem. Tabelle ACC. TABLE	gem. Tabelle ACC. TABLE	Eintritt INLET
2	gem. Tabelle ACC. TABLE	gem. Tabelle ACC. TABLE	Ausrüht OUTLET
3	G 3/4"	Muffe / COUPLING	Entlüftung BRAIN
4/5	G 3/4"	Muffe / COUPLING	Restentlüftung RESIDUAL DRAIN
6	G 3/4"	Muffe / COUPLING	Auto. Entlüftung AUTO. DEAIRATION
7	G 1/2"	Muffe / COUPLING	Überdruck PRESSURE RELIEF
8-10	G 1/4"	Muffe / COUPLING	DIFF. Druck Messung DIFF. PRESSURE GAUGE
11/12	1/4" NPT	Muffe / COUPLING	Probeentnahme SAMPLE ROBE
13/14	DN 20	Muffe / COUPLING	Wasser Kondensatprobe WATER LEVEL GAUGE
15	DN 100	kont. / DESIGN	Handge- schraubter Druck Sensor (max. Ø50mm)
16	G 1/2"	Muffe / COUPLING	Sensor

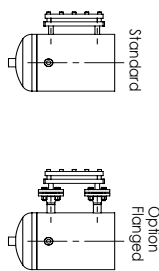
FW10-H-Baureihe - PN16 / class150

Modell	Separator	Coalescer	Max. Q		Volume	Weight	Anschluss/ CONNECTION	Øa	b1	b2	c	d	e	g	Øh	i	k
			Qv.	[l/min]	[usgpm]												
FW10-H-2-559-16	60.644.565 60.677.565	P.4-559 P.7-559	2	523 473	138 124	105	230	DN 80 SO- EN 1092-1	406.4	105	94.5	225	375	321	219.1	1130	250
FW10-H-3-559-16	60.644.565 60.677.565	P.4-559 P.7-559	3	785 709	207 187	137	290	DN 100 4" ANSI	457	120	98.2	225	375	386	219.1	1230	300
FW10-H-3-842-16	60.644.842 60.677.842	P.4-842 P.7-842	3	1197 1116	314 294	180	308	DN 100 4" ANSI	457	120	125	1262	250	600	386	219.1	1230
FW10-H-3-1093-16	60.644.1093 60.677.1093	P.4-1093 P.7-1093	3	1563 1524	412 402	226	330	DN 100 4" ANSI	457	120	125	1511	250	650	400	273	1230
FW10-H-4-727-16	60.644.565 60.677.565	P.4-727 P.7-727	4	1373 1237	362 326	247	431	DN 100 4" ANSI	559	130	140	1157	250	500	408	273	1290
FW10-H-4-965-16	60.644.727 60.677.727	P.4-965 P.7-965	4	1835 1742	484 460	302	457	DN 100 4" ANSI	559	130	140	1397	250	725	408	273	1290
FW10-H-4-1093-16	60.644.842 60.677.842	P.4-1093 P.7-1093	4	2084 2032	550 538	330	470	DN 100 4" ANSI	559	130	140	1517	250	850	408	273	1290
FW10-H-5-1093-16	60.644.1093 60.677.1093	P.4-1093 P.7-1093	5	2605 2540	688 670	407	562	DN 150 6" ANSI	610	150	165	1539	250	850	436	323.9	1345
FW10-H-5-1422-16	60.644.1093 60.677.1093	P.4-1422 P.7-1422	5	3208 3166	847 834	487	601	DN 150 6" ANSI	610	150	165	1864	300	1100	436	323.9	1345
FW10-H-7-1422-16	60.644.188 60.677.188	P.4-1422 P.7-1422	7	4749 4589	1254 1212	767	723	DN 150 6" ANSI	711	180	190	1800	300	1000	426	404.6	1390
FW10-H-8-1422-16	60.644.188 60.677.188	P.4-1422 P.7-1422	8	5238 5175	1392 1362	870	853	DN 200 8" ANSI	750	180	200	1890	300	1000	455	406.4	1440
FW10-H-10-1422-16	60.644.188 60.677.188	P.4-1422 P.7-1422	10	5809 5655	1531 1501	1143	1088	DN 200 8" ANSI	850	200	240	1910	300	1000	555	406.4	1610
FW10-H-12-1422-16	60.644.188 60.677.188	P.4-1422 P.7-1422	12	7888 7712	2079 2039	1298	1254	DN 250 10" ANSI	900	200	225	1910	325	1000	552	457	1605
FW10-H-13-1422-16	60.644.188 60.677.188	P.4-1422 P.7-1422	13	8720 8524	2287 2251	1461	1375	DN 250 10" ANSI	950	200	255	1910	325	1000	555	457	1675
FW10-H-17-1422-16	60.644.1290	P.4-1422 P.7-1422	17	9500 9150	2497 2417	1942	1769	DN 250 10" ANSI	1060	200	280	2040	350	1050	720	508	1850

*) Stutzen 10: - verschlossen
NOZZLE No. 10: - sealed

*) Øa ≥ 71mm:
- Deckelstutznung gewölbt / DISHED HAED

Water level indicator



Technische Daten TECHNICAL DATA

Bestandteil / Part	AD-2000 / ASME VIII-1
Max. zul. Betriebsdruck (PSI)	16 bar
MAX. ALLOWABLE OPERATING PRESSURE (PSI)	occ. Design code and approval
Prodruck / TEST PRESSURE	8 bar
TEST PRESSURE INLET CHAMBER	
zul. Betriebsdruck min/max (PSI)	-10°C / +50°C
ALLOWABLE OPERATING TEMP. MIN/MAX (°F)	
zul. Betriebsdruck min/max (PSI)	+40°C / +50°C
ALLOWABLE OPERATING TEMP. MIN/MAX (°F)	
Korrosionszulassung CS	1 mm
CORROSION ALLOWANCE CS	
Korrosionszulassung SS	0 mm
CORROSION ALLOWANCE SS	
APPROVAL	2014/68/EU (ASME VIII-1)