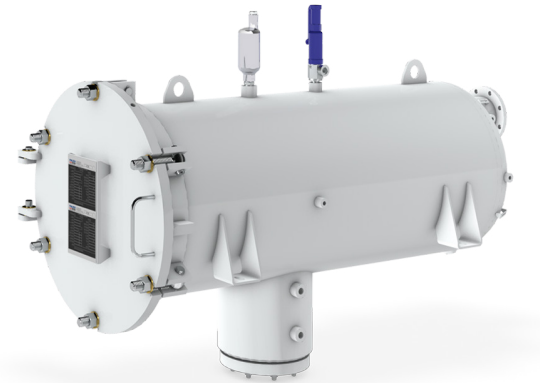


Qualified to specification EI 1581 6th Edition, Category C, Type S-LW

The filter/water separator FW10-H-T 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 mobile installation

Technical Data

- Design and construction: EI 1596 3rd Edition
- Design pressure: Designed to pressure requirements
- Flow rate: Up to 5026 lpm (1327 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)

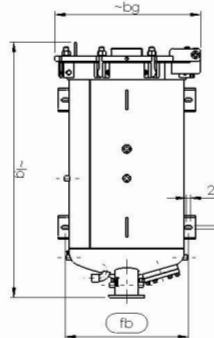
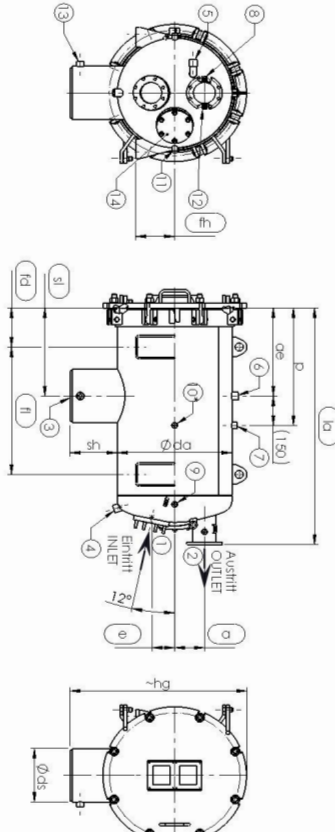
Recommended Accessories

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

Order Reference

6/2013

FW10-H-T-Baureihe



FW10-H-T-Baureihe

Modell	DWG	Separator	Qty.	Coalescer	Qty.	Max. Q		Sump **	Weight	In / Out	DIN	Øda	e	a	la	fd	fl	sh	Øs	fh	fb	sl	ae	p	hg	lg	bg
						[l/min]	[dm³]																				
FW10-H-T-2-559	CS 3013832 SS 3013833	60.4C4-559/D	1	P.4-559 P.7-559	2	570 518	105	7	130	DN80	406.4	80	115	880	150	450	157	273.0	213	350	300	300	450	636	972	577	
FW10-H-T-3-559	CS 3014123 SS 3014776	60.4C4-600/D	1	P.4-559 P.7-559	3	880 777	110	7	130	DN80	406.4	80	120	910	150	450	157	273.0	213	350	300	300	450	636	972	577	
FW10-H-T-3-842	CS 3014126 SS 3013837	60.4C4-842/D	1	P.4-842 P.7-842	3	1280 1222	140	7	142	DN80	406.4	80	120	1169	150	700	157	273.0	213	350	450	450	600	636	1261	577	
FW10-H-T-4-842	CS 3013663 SS 3013664	60.4C4-600/D	2	P.4-842 P.7-842	4	1700 1630	280	11	280	DN100	559.0	110	145	1208	200	650	231	273.0	190	600	450	450	600	862	1302	710	
FW10-H-T-4-1093	CS 3013665 SS 3013670	60.4C4-842/D	2	P.4-1093 P.7-1093	4	2280 2225	320	11	280	DN100	559.0	110	145	1459	250	800	231	273.0	190	600	500	500	600	862	1553	710	
FW10-H-T-4-1422	CS 3013666 SS 3013674	60.644-1093/D	2	P.4-1422 P.7-1422	4	2980 2872	405	11	305	DN150	559.0	110	145	1788	250	1100	231	273.0	190	600	600	550	700	862	1882	710	
FW10-H-T-5-842	CS 3013667 SS 3013671	60.4C4-727/D	2	P.4-842 P.7-842	5	2150 2037	312	14	308	DN100	610.0	125	165	1229	250	550	205	323.9	190	650	450	450	600	888	1326	765	
FW10-H-T-5-965	CS 3013838 SS 3013839	60.4C4-842/D	2	P.4-965 P.7-965	5	2500 2386	346	14	320	DN100	610.0	125	165	1352	250	700	205	323.9	190	650	500	500	600	888	1449	765	
FW10-H-T-5-1422	CS 3013668 SS 3013672	60.644-1093/D	2	P.4-1422 P.7-1422	5	3720 3591	477	14	380	DN150	610.0	130	165	1808	250	1100	205	323.9	190	650	550	550	700	888	1905	765	
FW10-H-T-7-1093	CS 3013840 SS 3013841	60.644-1188/D	2	P.4-1093 P.7-1093	7	3950 3895	518	16	413	DN150	660.0	140	185	1678	250	1000	230	323.9	200	700	550	550	700	963	1715	830	
FW10-H-T-7-1422	CS 3013869 SS 3013873	60.644-1226/D	2	P.4-1422 P.7-1422	7	5026 5026	596	16	432	DN150	660.0	140	185	1916	250	1200	230	323.9	200	700	550	550	700	963	2013	830	

Stütztafel / NOZZLE TABLE		Benennung	
Stützen NOZZLE	Nennweite NOMINAL SIZE	Flanschart TYPE OF FLANGES	NAME
1	SEE TABLE	SEE TABLE	Eintritt / INLET
2	SEE TABLE	SEE TABLE	Austritt / OUTLET
3	G 3/4	Konstruktion / DESIGNED	Entleerung / DRAIN
4/5	G 3/4	Mutter / COUPLING	Restentleerung / CHAMBER DRAIN
6	G 3/4	Mutter / COUPLING	Auto. Entleerung / AUTOM. AIR ELIMINATOR
7	G 1/2	Mutter / COUPLING	Überdruck / PRESSURE RELIEF
8/9/10*	G 1/4	Mutter / COUPLING	DP Messung / DP GAUGE
11/12	G 1/4	Mutter / COUPLING	Probentnahme / SAMPLING
13	G 1/2	Mutter / COUPLING	Wasserstandser / WATER PROBE
14	DN 100	Konstruktion / DESIGNED	INSPECTION (Øda= Ø559)

*Standard Anschluss "10" verschlossen
COUPLING "10" sealed

WATER DEFENSE SYSTEM: erforderlich / required

Technische Daten / TECHNICAL DATA

Berechnung, Herstellung / DESIGN CODE	AD2000
Max. zul. Betriebsdruck (PS) / MAX. ALLOW. OP. PRESSURE (PS)	10 bar
Prüfdruck (PT) / TEST PRESSURE (PT)	14.3 bar
Zul. Betriebsdruck (PS) / TEST PRESSURE (PS)	8 bar
Zul. Betriebstemperatur (TS) / MAX. ALLOWABLE OP. TEMP. (TS) CS	-10°C / +50°C
Zul. Betriebstemperatur (TS) / MAX. ALLOWABLE OP. TEMP. (TS) SS	-40°C / +50°C
Korrosionszusatz / CORROSION ALLOWANCE CS	1 mm
Korrosionszusatz / CORROSION ALLOWANCE SS	0 mm
Abnahme / APPROVAL	DGRL 2014/69/EU

*Other upon request. Please inquire.