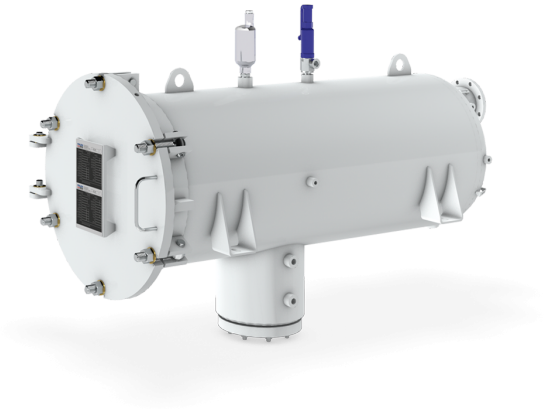
Filter/Water Separator
FW10-H-T SERIES

QUALIFIED TO SPECIFICATION EI 1581 7TH EDITION, CATEGORY C, TYPE S-LW. SUITABLE FOR CATEGORY M MILITARY APPLICATIONS.

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

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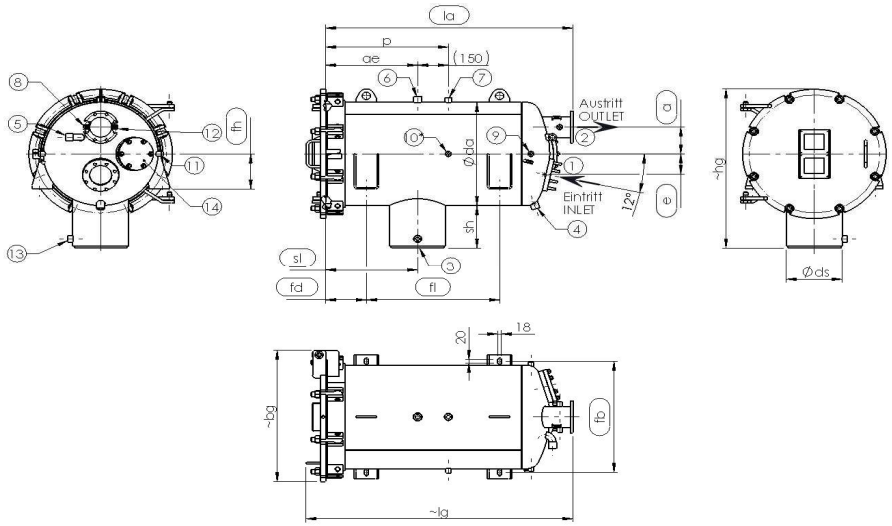
FW10-H-T-Baureihe



Stutzentabelle / NOZZLE TABLE

Stutzen NOZZLE	Nennweite NOMINAL SIZE	Flanschenart TYPE OF FLANGES	Benennung 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	Muffe / COUPLING	Restentleerung / CHAMBER DRAIN
6	G 3/4	Muffe / COUPLING	Auto. Entlüftung / AUTOM. AIR ELIMINATOR
7	G 1/2	Muffe / COUPLING	Überdruck / PRESSURE RELIEF
8/9/10*	G 1/4	Muffe / COUPLING	DP Messung / DP GAUGE
11/12	G 1/4	Muffe / COUPLING	Probeentnahme / SAMPLING
13	G 1/2	Muffe / COUPLING	Wasserstandsensor / 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)	15 bar
Prüfdruck Eintrittskammer / TEST PRESSURE INLET CHAMBER	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
Korrosionszuschlag / CORROSION ALLOWANCE CS	1 mm
Korrosionszuschlag / CORROSION ALLOWANCE SS	0 mm
Abnahme / APPROVAL	DGRL 2014/68/EU

FW10-H-T-Baureihe

Modell		DWG	Separator	Qty.	Coalescer	Qty.	Max. Q [l/min]	Volume [dm³]	Sump ** [dm³]	Weight [kg]	In / Out DIN 28461	Øda [mm]	e [mm]	a [mm]	la [mm]	fd [mm]	fl [mm]	sh [mm]	Øs [mm]	fh [mm]	fb [mm]	sl [mm]	ae [mm]	p [mm]	hg [mm]	lg [mm]	bg [mm]
FW10-H-T-2-559	CS SS	3013832 3013833	60.4C4-565/D	1	T.4-559 T.7-559	2	570 518	105	7	130	DN80	406,4	80	115	880	150	450	157	273,0	213	350	350	300	450	636	972	577
FW10-H-T-3-559	CS SS	3014123 3014776	60.4C4-600/D	1	T.4-559 T.7-559	3	860 777	110	7	130	DN80	406,4	80	120	910	150	450	157	273,0	213	350	350	300	450	636	972	577
FW10-H-T-3-842	CS SS	3014126 3013837	60.4C4-842/D	1	T.4-842 T.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 SS	3013663 3013664	60.4C4-600/D	2	T.4-842 T.7-842	4	1700 1630	260	11	260	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 SS	3013665 3013670	60.4C4-842/D	2	T.4-1093 T.7-1093	4	2250 2225	320	11	280	DN100	559,0	110	145	1459	250	800	231	273,0	190	600	500	500	650	862	1553	710
FW10-H-T-4-1422	CS SS	3013666 3013674	60.644-1093/D	2	T.4-1422 T.7-1422	4	2950 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 SS	3013667 3013671	60.4C4-727/D	2	T.4-842 T.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 SS	3013838 3013839	60.4C4-842/D	2	T.4-965 T.7-965	5	2500 2386	346	14	320	DN100	610,0	125	165	1352	250	700	205	323,9	190	650	500	500	650	888	1449	765
FW10-H-T-5-1422	CS SS	3013668 3013672	60.644-1093/D	2	T.4-1422 T.7-1422	5	3720 3591	477	14	360	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 SS	3013840 3013841	60.644-1188/D	2	T.4-1093 T.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	1775	830
FW10-H-T-7-1422	CS SS	3013669 3013673	60.644-1226/D	2	T.4-1422 T.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

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