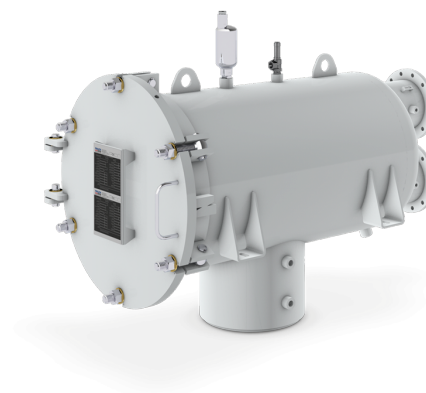


QUALIFIED TO SPECIFICATION EI 1581 7TH EDITION, CATEGORY M, TYPE S-M

The standardized filter/water separator FW24-HM-T is designed to be compliant with procedural guidelines, applicable legal regulations and requirements of the pressure vessel regulation AD2000. The filter vessels incorporate threaded base coalescer elements and reusable separator elements.



APPLICATION AREA

- Designed for hydrant dispensers and refuelers

TECHNICAL DATA

- Design and construction: EI 1596 3rd Edition
- Design pressure: Designed according to EN 12312-05
- Flow rate: Up to 3486 lpm (920 USgpm)

STANDARD DESIGN

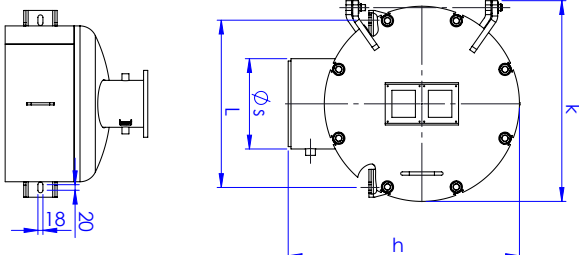
- Material: Stainless steel
- Interior: Stainless steel
- Cover seal: NBR (Buna-N) or FKM (Viton)
- Anti-vibration grid: According to EI 1596

RECOMMENDED ACCESSORIES

- Differential pressure gauge
- Manual drain valve
- Automatic air eliminator
- Pressure relief valve
- Sampling probe connections
- Electronic sensors

ORDER REFERENCE

Vessel	Coalescer Elements		Separator Elements		Flow Rates	
Model No.	Model	Quantity	Model	Quantity	lpm	USgpm
FW24-HM-T-6-770-10	MIL2.1-770-7	6	60.4C4-754-DMV	1	498	131
FW24-HM-T-12-770-10	MIL2.1-770-7	12	60.4C4-754-DMV	2	996	263
FW24-HM-T-19-770-10	MIL2.1-770-7	19	60.4C4-754-DMV	3	1577	416
FW24-HM-T-25-770-10	MIL2.1-770-7	25	60.4C4-754-DMV	4	2075	548
FW24-HM-T-31-770-10	MIL2.1-770-7	31	60.4C4-754-DMV	5	2573	679
FW24-HM-T-42-770-10	MIL2.1-770-7	42	60.4C4-754-DMV	6	3486	920



- (1) FW24-HM-T-6-770-10: G1/2"
- (2) Nicht bei / NOT WITH FW24-HM-T-6-770-10
- (3) Nur bei / ONLY WITH FW24-HM-T-6-770-10

Berechnung, Herstellung / DESIGN CODE

Max. zul. Betriebsdruck (PSI) / MAXWP (PSI)	10 bar
Prodruck / TEST PRESSURE	15 bar
Prodruck Betriebsdruck / TEST PRESSURE INLET CHAMBER	8 bar
Zul. Betriebstemp. min/max (°F) / TEMPERATURE MAX/MAX (°F)	-40°C / +50°C
Medium / MEDIUM	Je Fluid
Kategorie / CATEGORY	I
Antrichme / APPROVAL	DNV 2014/46/IEU

Modell	Art.Nr.	Separator		Coalescer		Max. Q [l/min]	Volume [dm³]	Weight [kg]	Inlet/ Outlet DN 28461	Øa [mm]	b [mm]	c [mm]	d [mm]	e [mm]	f [mm]	h [mm]	i [mm]	k [mm]	L [mm]	Øs [mm]	Øm [mm]
		Model	Qty.	Model	Qty.																
FW24HM-T-6-770-10	3014324	60-4C-75-4-DNV	1	ML2.1-770-7	6	488	55	71	DN 50 TW	273	1067	1150	75	80	80	498	147	441	300	168,3	410
FW24HM-T-12-770-10	3014327	60-4C-75-4-DNV	2	ML2.1-770-7	12	996	97	150	DN 80 TW	356	1092	1190	75	80	90	628	140	560	400	273	500
FW24HM-T-16-770-10	3014288	60-4C-75-4-DNV	3	ML2.1-770-7	19	1577	160	227	DN100 TW	457	1112	1215	75	110	100	728	160	665	500	323,9	600
FW24HM-T-25-770-10	3014325	60-4C-75-4-DNV	4	ML2.1-770-7	25	2075	200	266	DN150 TW	508	1145	1248	80	125	125	781	170	710	550	323,9	650
FW24HM-T-31-770-10	3014280	60-4C-75-4-DNV	5	ML2.1-770-7	31	2573	240	317	DN150 TW	559	1135	1244	80	140	140	832	190	720	600	323,9	700
FW24HM-T-42-770-10	3014331	60-4C-75-4-DNV	6	ML2.1-770-7	42	3486	288	339	DN150 TW	610	1150	1259	80	165	165	883	190	775	650	323,9	750