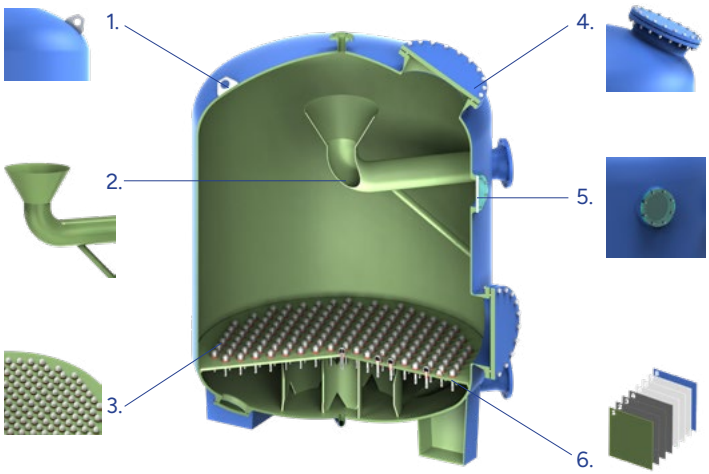
DIN SERIES

Scan for more information

- Filters are designed according to DIN 19605 / 19643 /18820 standards and constructed according to AD-Merkblatt N1 and BS 4994
- Diameter from 800 mm to 2600 mm
- Bed height 1200 mm and 1500 mm (standard)
- Filters are equipped with nozzle plate and high quality nozzles
- Flanges, internal components, piping and supporting legs are made from GRP
- Air connection (standard)
- Full drainage (standard)
- 5-year warranty



1. Lifting lug made of stainless steel embedded in GRP
2. GRP funnel with reinforcement beam
3. GRP nozzle plate with high quality nozzles
4. All openings, flanges and accessories can be positioned and oriented according to the client's specific needs
5. Acrylic sight glass DN200
6. Filter design and lamination according to DIN 18820

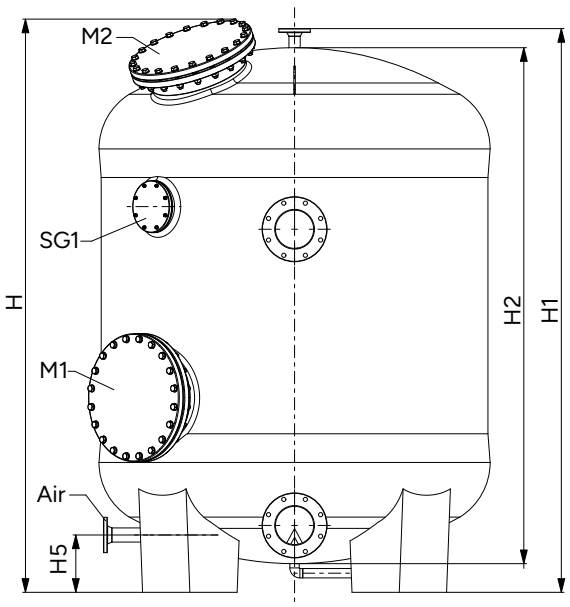
Chemical protective barrier made of combination of adequate resin, C-glass veil and glass fibres. Mechanical reinforcement made of combination of spray-up roving, woven roving and radial and helical filament winding.

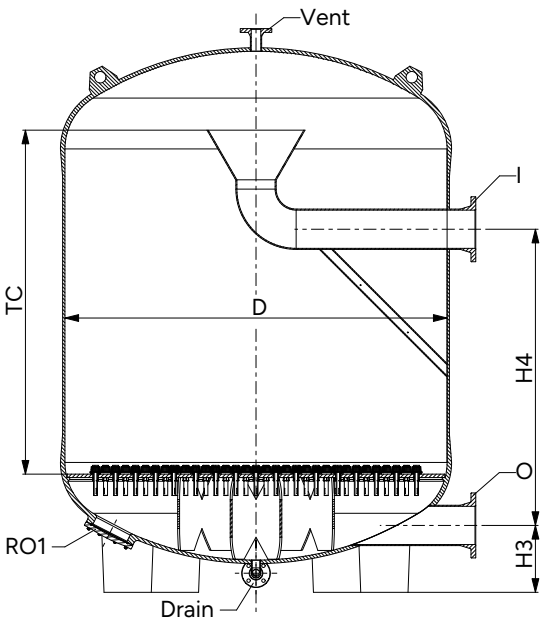
Technical details

- Maximum working temperature: 40°C
- Maximum working pressure: 2,5 bar
- Test pressure: 3,75 bar
- Sight glass height from nozzle plate: 1400 mm (filter media bed height 1200 mm)

Configuration options

- Cylindrical height increasing: +3% per 100 mm.
- Vinylester lining for ozone (concentration max. 1 ppm): +10%
- Other flanges dimensions on request
- Working pressure 4 bar: +25% (factor 1,25)
- Working pressure 6 bar: +40% (factor 1,40)
- External protective coating in RAL 5015. Other colours upon request with 5% surcharge





Diameter				800	1000	1200	1400	1600	1800	2000	2200	2400	2600
Filtration area (m^2)				0.50	0.79	1.13	1.54	2.01	2.54	3.14	3.80	4.52	5.31
Q Filt 30 (m/h) (m^3/h)				15	24	34	46	60	76	94	114	136	159
Q bw 50 (m/h) (m^3/h)				25	40	57	77	101	127	157	190	226	266
BED HEIGHT	1200	H	mm	2370	2470	2630	2720	2800	2920	3000	3120	3200	3300
		H1	mm	2350	2450	2550	2650	2750	2850	2950	3050	3150	3250
		H2	mm	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000
		H3	mm	225	275	300	300	325	350	350	400	450	500
		H4	mm	1600	1600	1550	1550	1500	1550	1550	1500	1500	1450
		H5	mm	225	250	250	250	300	300	300	350	400	400
		TC	mm	1750	1800	1800	1800	1800	1800	1800	1800	1800	1800
	1500	H	mm	2670	2770	2930	3020	3100	3220	3320	3420	3500	3600
		H1	mm	2650	2750	2850	2950	3050	3150	3250	3350	3450	3550
		H2	mm	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300
		H3	mm	225	275	300	300	325	350	350	400	450	500
		H4	mm	1900	1900	1850	1850	1800	1850	1850	1800	1800	1750
		H5	mm	225	250	250	250	300	300	300	350	400	400
		TC	mm	2050	2100	2100	2100	2100	2100	2100	2100	2100	2100
M1			mm	400	400	400	400	400	500	500	500	500	500
M2			mm	200	200	300	400	400	500	500	500	500	500
I/O			DN	80	100	125	125	150	200	200	200	250	250
VENT			DN	40	40	40	50	50	50	50	65	65	65
AIR			DN	40	40	50	50	50	65	65	65	80	80
DRAIN			DN	40	40	40	40	40	40	40	40	40	40
SG1			DN	200	200	200	200	200	200	200	200	200	200
RO1			DN	100	200	200	200	200	200	200	200	200	200
No of Legs			pcs.	4	4	4	4	4	4	4	4	4	6
No of Nozzles			pcs.	37	61	91	121	163	199	199	301	349	423
PRICE	**1200**			**6.990 €**	**9.090 €**	**12.190 €**	**14.790 €**	**17.290 €**	**21.590 €**	**26.990 €**	**32.290 €**	**36.990 €**	**40.990 €**
	1500			**7.620 €**	**9.910 €**	**13.290 €**	**16.120 €**	**18.850 €**	**23.530 €**	**29.420 €**	**35.200 €**	**40.320 €**	**44.680 €**