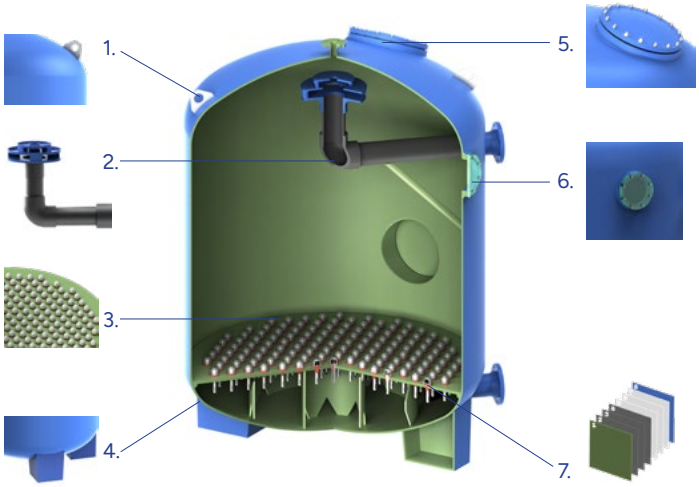
TN SERIES

Scan for more information

- Filters are designed according to DIN 19605 / 19643 / 18820 / EN 13121-3
- 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 (optional)
- 5-year warranty



1. Lifting lug made of stainless steel embedded in GRP
2. Special top diffuser for flat filter bed
3. GRP nozzle plate with high quality nozzles
4. Support legs for perfect standing
5. All openings, flanges and accessories can be positioned and oriented according to the client's specific needs
6. Acrylic sight glass DN200
7. Filter design and lamination according to DIN 18820

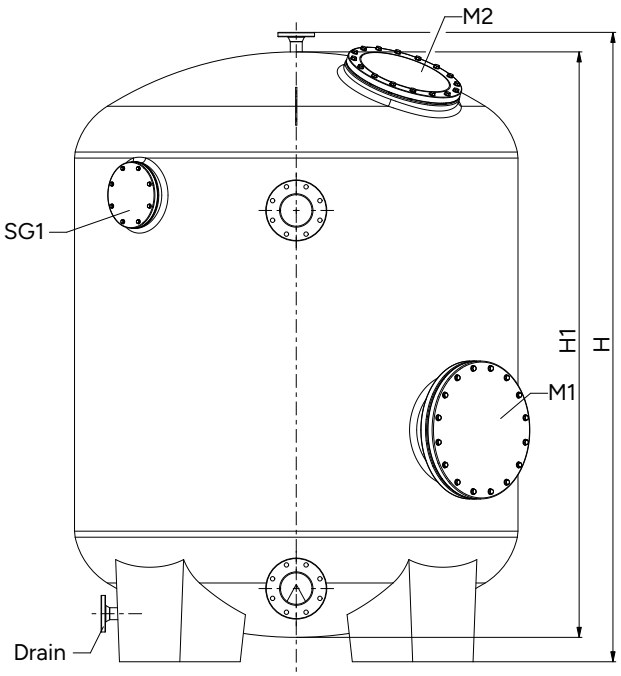
Chemical protective barrier made of combination of adequate resin, C-glass veil and glass fibres. Mechanical reinforcement made of combination of spray-up roving, woven roving and radial and helical filament winding.

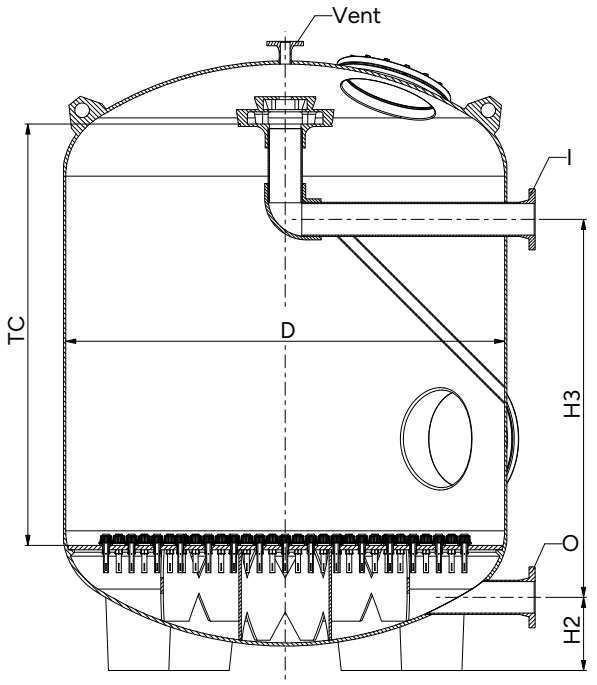
Technical details

- Maximum working temperature: 40°C
- Maximum working pressure: 2,5 bar
- Test pressure: 3,75 bar
- Sight glass height from nozzle plate: 1350 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	2250	2350	2420	2460	2560	2660	2760	2860	2960	3060
		H1	mm	2050	2150	2220	2260	2360	2460	2560	2660	2760	2860
		H2	mm	175	225	250	250	275	300	300	350	400	450
		H3	mm	1500	1525	1500	1550	1500	1550	1600	1550	1600	1600
		TC	mm	1700	1670	1700	1700	1710	1750	1800	1850	1875	1900
	1500	H	mm	2550	2650	2720	2760	2860	2960	3060	3160	3260	3360
		H1	mm	2350	2450	2520	2560	2660	2760	2860	2960	3060	3160
		H2	mm	175	225	250	250	275	300	300	350	400	450
		H3	mm	1800	1825	1800	1850	1800	1850	1900	1850	1900	1900
		TC	mm	2000	1970	2000	2000	2010	2050	2100	2150	2175	2200
M1			mm	400	400	400	400	400	400	400	400	400	400
M2			mm	200	200	300	400	400	400	400	400	400	400
I/O			DN	80	80	100	100	125	125	150	200	200	200
VENT			DN	40	40	40	50	50	50	50	65	65	65
DRAIN			DN	40	40	40	40	40	40	40	40	40	40
SG1			DN	200	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	253	301	349	423
PRICE	**1200**			**6.650 €**	**8.650 €**	**11.590 €**	**13.990 €**	**16.490 €**	**20.490 €**	**25.690 €**	**30.680 €**	**35.290 €**	**38.990 €**
	1500			**7.250 €**	**9.430 €**	**12.630 €**	**15.250 €**	**17.970 €**	**22.330 €**	**28.000 €**	**33.440 €**	**38.470 €**	**42.500 €**