

BIOLOGICAL FILTER OR THRICKLING FILTER

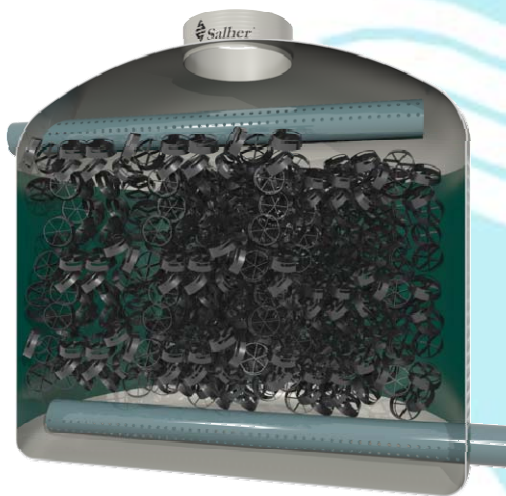
REF: CVC - FB

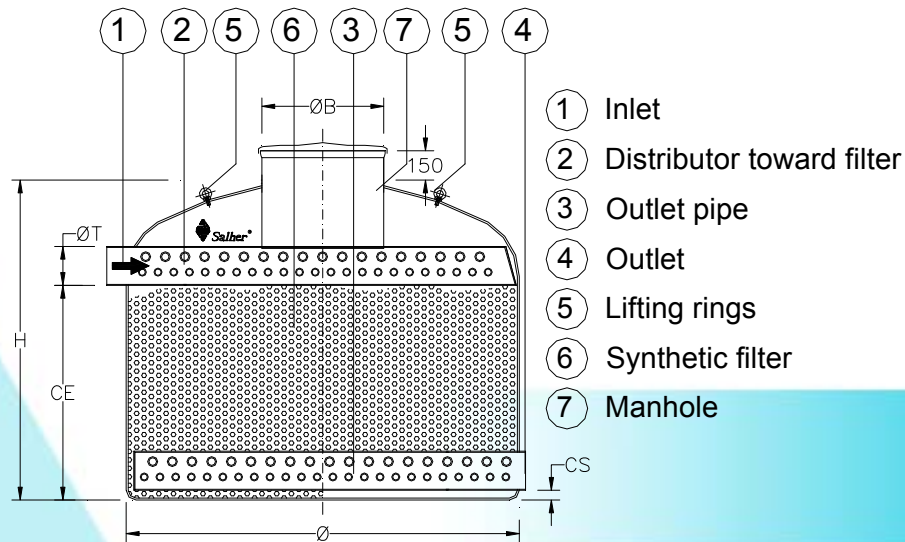
Application:

- Organic matter removal (BOD₅).

Characteristics:

- Salher brand, model CVC-FB.
- Manufactured in Glass Fiber Reinforced Polyester (GFRP) with orthophthalic resins.
- Organic matter removal efficiency: 80-90 % (BOD₅).
- Secondary treatment unit consisting in a biological filter with a fixed distributor, bottom draw-off and natural ventilation. Optional: rotary distributor.
- Filling up with synthetic materials and high porosity index (95%) and high specific surface area (140m²/m³).
- PVC inlet and outlet pipes.
- Manhole access with a GFRP cover for maintenance operations (only by authorized services).
- Outlet tube in the manhole to install a ventilation pipe.





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PE	CAPACITY [liters]	Ø [mm]	HEIGHT [mm]	Ø [mm] MANHOLE	Ø PIPE [mm]	INLET [mm]	OUTLET [mm]
5-10	500	1.000	750	400	125	570	50
15	750	1.000	1.070	400	125	890	50
20	1.000	1.000	1.320	400	125	1.200	50
25	1.250	1.400	950	400	125	680	50
30	1.500	1.400	1.110	400	125	840	50
35	1.750	1.400	1.270	400	125	1.000	50
40	2.000	1.700	1.050	400	125	700	50
45	2.250	1.700	1.160	400	125	810	50
50	2.500	1.700	1.270	500	125	920	50
60	3.000	1.700	1.490	500	125	1.104	50
70	3.500	1.700	1.710	500	125	1.360	50
80	4.000	2.000	1.480	620	160	1.040	50
90	4.500	2.000	1.640	620	160	890	50
100	5.000	2.000	1.800	620	200	1.360	50
125	6.250	2.500	1.530	620	200	980	50
150	7.500	2.500	1.880	620	200	1.270	50
175	8.750	2.500	2.030	620	200	1.570	50
200	10.000	2.500	2.290	620	250	1.780	50
300	15.000	3.000	2.410	620	250	1.640	50
400	20.000	3.000	3.120	620	300	2.340	50
500	25.000	3.500	2.750	620	300	2.000	50