

HORIZONTAL HOUSEHOLD TREATMENT UNIT WITH SETTLING-DIGESTION CHAMBER AND BIOLOGICAL FILTER AND SECONDARY SETTLING TANK **REF: CHC-D-D**

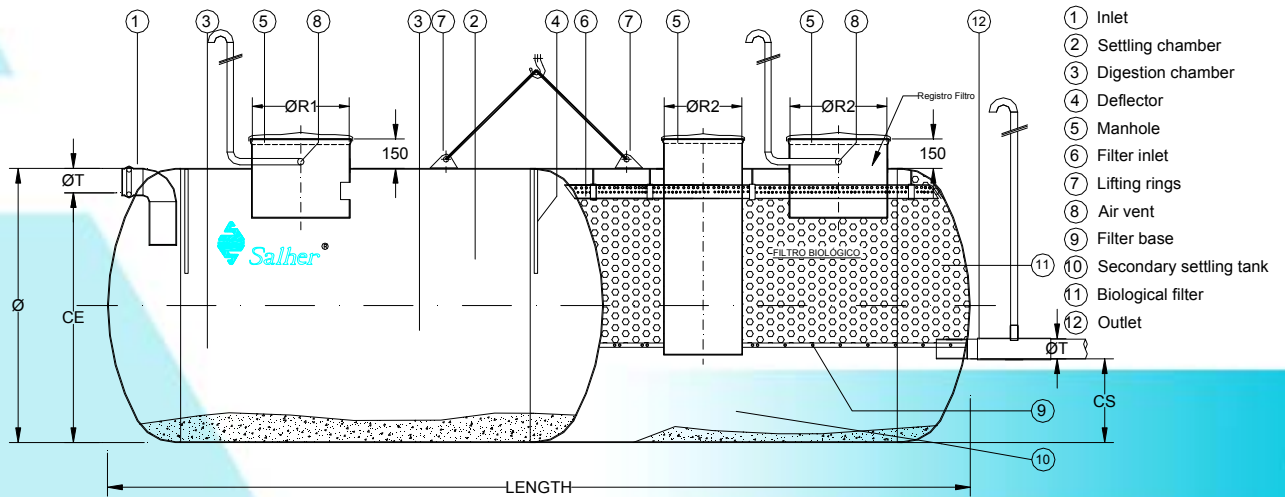
Applications:

- Organic matter removal (BOD₅).
- Suspended solids removal (SS).

Characteristics:

- Salher brand, model CHC-D-D.
- Manufactured in Glass Fiber Reinforced Polyester (GFRP) with orthophthalic resins.
- Suspended solids (SS) reduction efficiency: 80%.
- Organic matter (BOD₅) reduction efficiency: 85%.
- Primary treatment consisting in settling and anaerobic digestion processes.
- Secondary treatment takes place in the biological filter compartment provided with a fixed flow distributor, draw-off pipe in the bottom part and natural ventilation.
- Incorporated secondary settling tank (clarifier).
- Plastic filtering media with high porosity index (95%) and high specific surface area (140²/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]	LENGTH [mm]	Ø[mm] MANHOLE 1	Ø[mm] MANHOLE 2	Ø PIPE [mm]	INLET [mm]	OUTLET [mm]
25	4.950	1.400	3.492	500	400	125	1.275	638
30	5.940	1.400	4.151	500	500	125	1.275	638
35	6.930	1.400	4.789	500	500	125	1.275	638
40	7.920	1.700	3.827	620	500	125	1.575	788
45	8.910	1.700	4.267	620	500	125	1.575	788
50	9.900	1.700	4.707	620	500	125	1.575	788
60	11.880	1.700	5.576	620	500	125	1.575	788
70	13.860	1.700	6.445	620	620	125	1.575	788
80	15.840	2.000	5.438	620	620	125	1.875	938
90	18.000	2.000	6.100	620	620	125	1.875	938
90	18.000	2.250	4.970	620	620	125	2.125	1.063
100	20.000	2.000	6.750	620	620	160	1.840	920
100	20.000	2.250	5.450	620	620	160	2.090	1.045
125	25.000	2.000	8.300	620	620	160	1.840	920
125	25.000	2.250	6.700	620	620	160	2.090	1.045
150	29.700	2.500	6.550	620	620	200	2.300	1.150
175	34.650	2.500	7.562	620	620	200	2.300	1.150
200	39.600	2.500	8.563	620	620	200	2.300	1.150
225	44.550	2.500	9.565	620	620	200	2.300	1.150
250	49.500	2.500	10.587	620	620	200	2.300	1.150
275	54.450	2.500	11.588	620	620	200	2.300	1.150
300	59.400	2.500	12.600	620	620	200	2.300	1.150