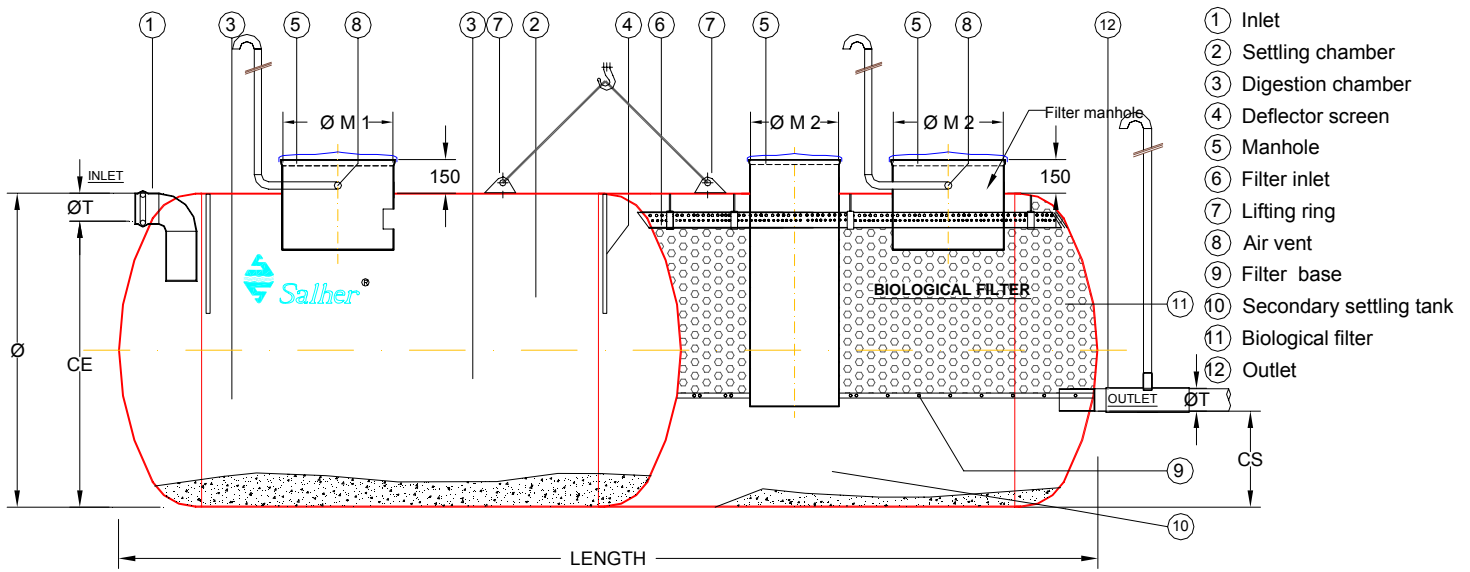


**HORIZONTAL TREATMENT PLANTS WITH SETTLING-DIGESTION CHAMBER,  
BIOLOGICAL FILTER AND SECONDARY SETTLING TANK**  
MODEL: CHC-D-D**Function:**

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

**Characteristics:**

- Manufactured by Salher, Model CVC-D-D
- Made of Fiberglass Reinforced Polyester (FGRP) with orthophthalic resin.
- Suspended solids (SS) removal efficiency: 80%.
- Organic matter removal efficiency: 85%.
- Primary treatment through settling-digestion process.
- Secondary treatment through biological filter supplied via stationary distributor with evacuation system in the bottom part and natural ventilation.
- Compact secondary settling tank
- Filling up with synthetic materials and high cavity index (95%) and large specific surface (240m<sup>2</sup>/m<sup>3</sup>).
- PVC inlet and outlet pipes
- Access for cleaning only to authorized service staff through manhole with cover in Fiberglass Reinforced Polyester (FGRP).
- Connection pipe located in the manhole to install the air vent (or possibility to install it in any other place).



POP/ EQV	CAPACITY [Liters]	Ø [mm]	LENGTH [mm]	MANHOLE 1 Ø [mm]	MANHOLE 2 Ø [mm]	PIPE Ø [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	160	1.575	788
60	11.880	1.700	5.576	620	500	160	1.575	788
70	13.860	1.700	6.445	620	620	160	1.575	788
80	15.840	2.000	5.438	620	620	160	1.875	938
90	18.000	2.000	6.100	620	620	160	1.875	938
90	18.000	2.250	4.970	620	620	160	2.125	1.063
100	20.000	2.000	6.750	620	620	200	1.840	920
100	20.000	2.250	5.450	620	620	200	2.090	1.045
125	25.000	2.000	8.300	620	620	200	1.840	920
125	25.000	2.250	6.700	620	620	200	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	250	2.300	1.150
225	44.550	2.500	9.565	620	620	250	2.300	1.150
250	49.500	2.500	10.587	620	620	250	2.300	1.150
275	54.450	2.500	11.588	620	620	250	2.300	1.150
300	59.400	2.500	12.600	620	620	250	2.300	1.150