

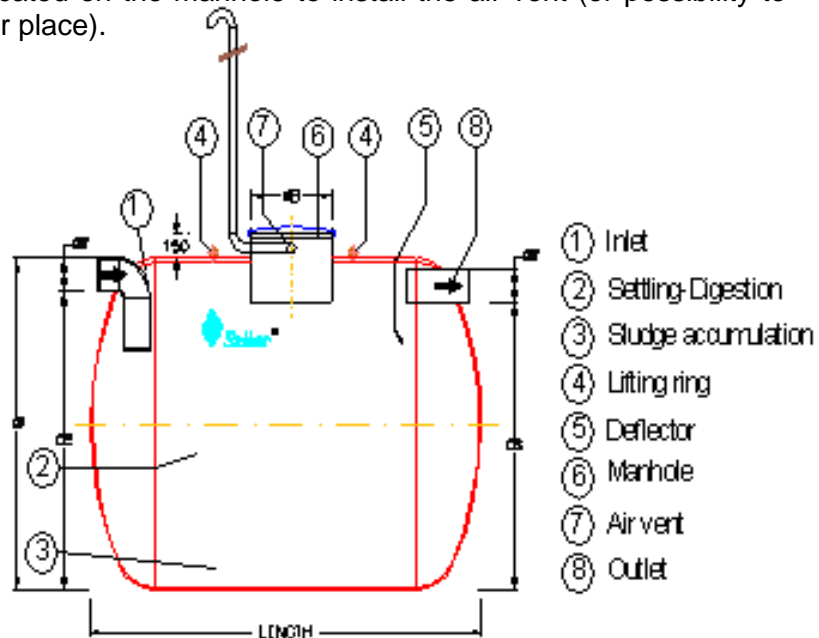
SETTLING-DIGESTION SYSTEM: HORIZONTAL SEPTIC TANK
MODEL: CHC-FS

Function:

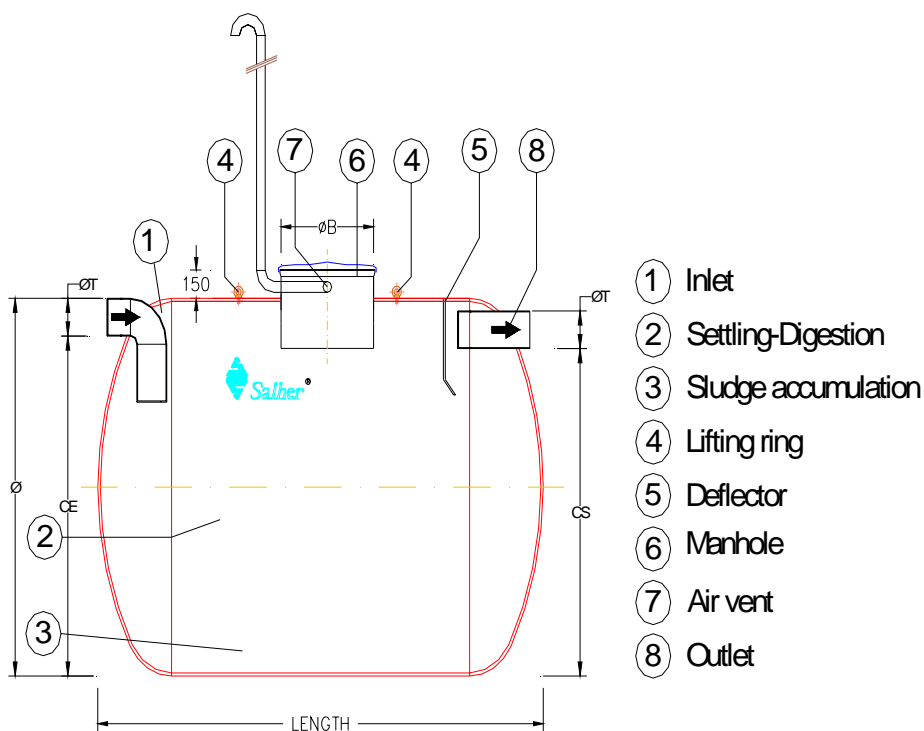
- Remove suspended solids (SS).

Characteristics:

- Manufactured by Salher, Model CHC-FS.
- Made of Fiberglass Reinforced Polyester (FGRP) with orthophthalic resin.
- Suspended solids removal efficiency: 65-70%.
- Organic matter removal efficiency: 30-35% BOD5.
- Settling, digestion and floating particles separation chamber.
- PVC inlet and outlet pipes.
- Access for cleaning purpose through the manhole with upper cover made of Fiberglass Reinforced Polyester. For authorized operating staff.
- Connection pipe located on the manhole to install the air vent (or possibility to install it in any other place).



POP/EQUIV	CAPACITY	Ø	L	MANHOLE Ø	PIPE Ø	CE	CS
50	7.500	2.000	2.790	620	160	1.840	1.790
60	9.000	2.000	3.280	" "	160	1.840	1.790
70	10.500	2.000	3.750	" "	160	1.840	1.790
80	12.000	2.000	4.230	" "	160	1.840	1.790
90	13.500	2.000	4.700	" "	160	1.840	1.790
100	15.000	2.000	5.190	" "	200	1.800	1.750
125	18.750	2.500	4.320	" "	200	2.300	2.250
150	22.500	2.500	5.090	" "	200	2.300	2.250
175	26.250	2.500	5.850	" "	200	2.300	2.250
200	30.000	2.500	6.620	" "	250	2.250	2.150
225	33.750	2.500	7.380	" "	250	2.250	2.150
250	37.500	2.500	8.140	" "	250	2.250	2.150
275	41.250	2.500	8.910	" "	250	2.250	2.150
300	45.000	2.500	9.670	" "	250	2.250	2.150



POP/ EQUIV	CAPACITY	Ø	LENGTH	MANHOLE Ø	PIPE Ø	CE	CS
325	48.750	2.500	10.440	" "	250	2.250	2.150
350	52.500	2.500	11.200	" "	250	2.250	2.150
375	56.250	2.500	11.960	" "	250	2.250	2.150
400	60.000	2.500	12.730	" "	300	2.185	2.085
425	63.750	2.500	13.490	" "	300	2.185	2.085
425	63.750	3.000	9.150	" "	300	2.685	2.585
450	67.500	2.500	14.260	" "	300	2.185	2.085
450	67.500	3.000	9.910	" "	300	2.685	2.585
475	71.250	2.500	15.020	" "	300	2.185	2.085
475	71.250	3.000	10.520	" "	300	2.685	2.585
500	75.000	2.500	15.780	" "	300	2.185	2.085
500	75.000	3.000	11.190	" "	300	2.685	2.585
550	82.500	3.000	12.280	" "	300	2.685	2.585
600	90.000	3.000	13.340	" "	300	2.685	2.585
650	97.500	3.000	14.400	" "	300	2.685	2.585
700	105.000	3.000	15.460	" "	300	2.685	2.585
750	112.500	3.000	16.520	" "	300	2.685	2.585
800	120.000	3.000	17.580	" "	300	2.685	2.585
850	127.500	3.000	* 19.600	" "	300	2.685	2.585
900	135.000	3.000	* 19.700	" "	300	2.685	2.585
950	142.500	3.000	* 20.760	" "	300	2.685	2.585
1.000	150.000	3.000	* 21.830	" "	300	2.685	2.585