

3 IN 1 TREATMENT PLANT WITH INCORPORATED SETTLING TANK-DIGESTER

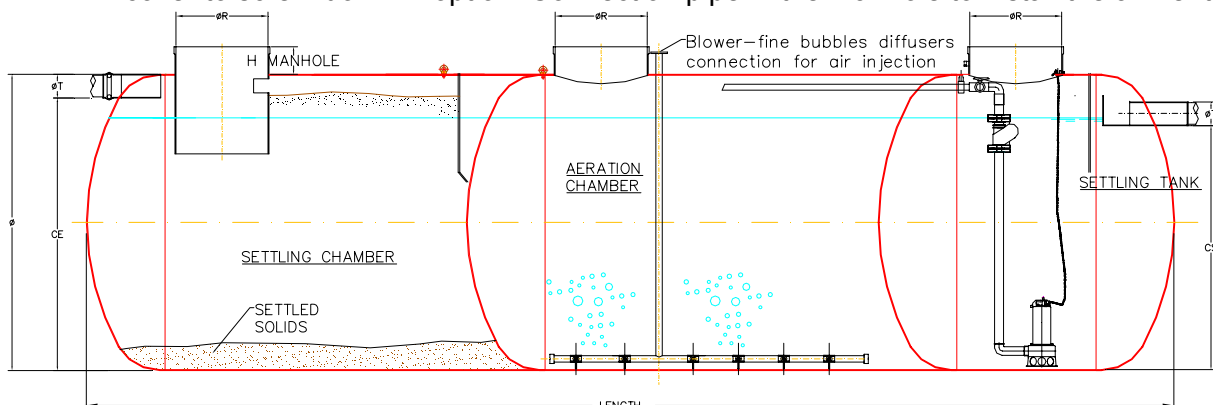
MODEL: CHC-FS-OXIREC-C

Function:

- Organic matter removal (BOD5). Primary and secondary treatment for small collectivities.

Characteristics:

- Manufactured by Salher, Model CHC-FS-OXIREC-C. Treatment plant fabricated in FGRP (Fiberglass Reinforced Polyester) with orthophthalic resin.
- Organic matter removal efficiency (BOD5) = 80 - 90%.
- Primary Settling tank-Digester.
- Oxygen transfer and homogenization by blower system and fine bubbles diffusers in EPDM.
- Compact settling tank with activated-sludge recirculation system by submersible pump.
- PVC inlet and outlet pipes. Access through manhole with upper cover in FGRP or cover to screw-down in option. Connection pipe in the manhole to install the air vent.



PE	TOTAL CAP.	DIAMETER	LENGTH	MANGHOLE Ø	Pipe	Aerator (KW)	Rec. Pump (KW)
20	6,50	1.400	4.500	620	125	0.55	0.55
25	8,00	1.400	5.480	620	125	0.55	0.55
30	10,00	1.700	4.740	620	125	0.55	0.55
35	11,00	1.700	5.180	620	125	0.55	0.55
40	13,00	1.700	6.060	620	125	0.55	0.55
50	16,00	2.000	5.490	620	125	1.10	0.55
60	20,00	2.000	6.760	620	160	1.10	0.55
75	25,00	2.250	6.740	620	160	1.10	0.55
100	32,00	2.250	8.490	620	160	1.50	0.55
125	40,00	2.250	10.510	620	200	1.50	0.55
150	48,00	2.250	12.510	620	200	2.20	0.55
175	57,00	2.500	12.110	620	200	2.20	0.55
200	65,00	2.500	13.730	620	200	3.00	0.55
250	80,00	3.000	11.900	620	250	3.00	0.55
300	95,00	3.000	14.030	620	250	3.00	0.55
300Court	95,00	3.500	10.560	620	250	3.00	0.55
350	110,00	3.500	12.100	620	250	5.50	0.55
400	125,00	3.500	13.680	620	250	5.50	0.55
450	145,00	4.000	12.320	620	250	5.50	0.55
500	160,00	4.000	13.520	620	250	7.50	0.55
550	175,00	4.000	14.700	620	315	7.50	0.55
600	190,00	4.000	15.900	620	315	7.50	0.55
650	210,00	4.000	17.490	620	315	7.50	0.55