

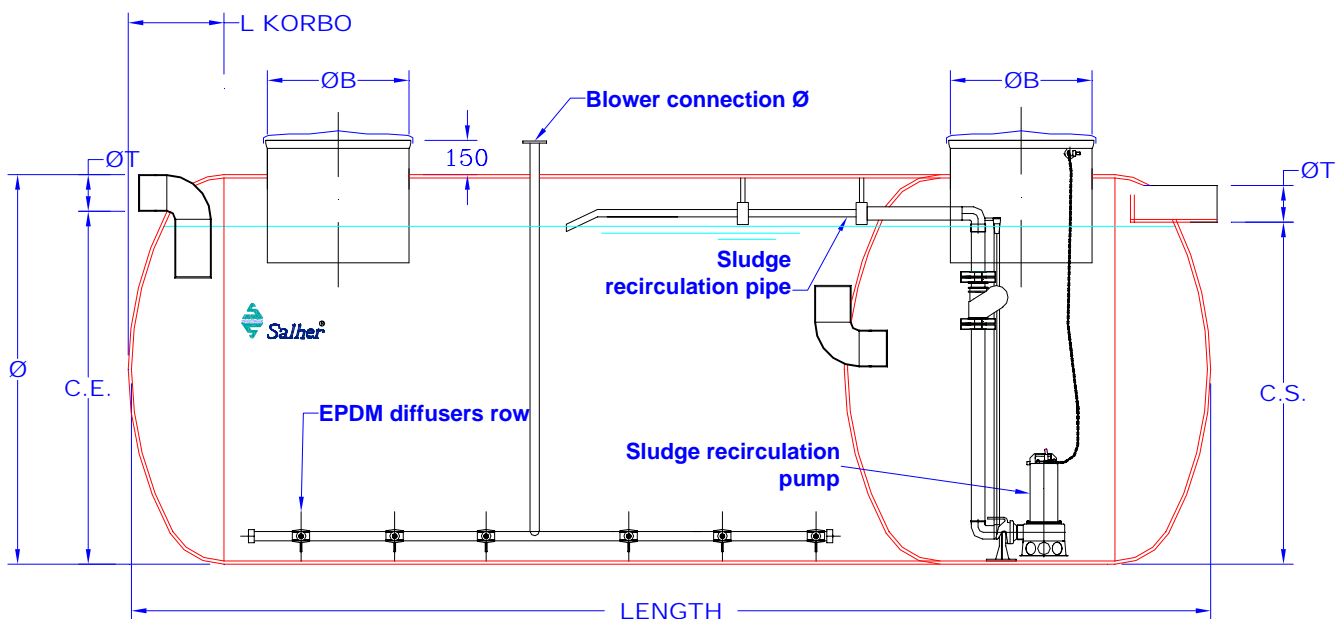
**LOW CHARGE ACTIVATED-SLUDGE TREATMENT PLANT WITH SETTLING TANK,  
 BLOWER, FINE BUBBLES DIFFUSERS AND SLUDGE RECIRCULATION SYSTEM**  
MODEL: CHC-OXIREC-C

**Function:**

- Organic matter removal (BOD5).

**Characteristics:**

- Manufactured by Salher, Model CHC-OXIREC-C.
- Made of Fiberglass Reinforced Polyester (FGRP) with orthophthalic resin.
- Organic matter removal efficiency (BOD5) = 80-90 %.
- Oxygen transfer mixed with liquor homogenization system through blower and fine bubbles diffusers.
- Compact settling tank with activated-sludge recirculation system with submersible pump.
- PVC inlet and outlet pipes.
- Access via manhole with upper 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]	INLET [mm]	OUTLET [mm]	PIPE Ø [mm]	Blower (KW)	REC. PUMP (KW)
25	5.000	1.400	3.520	1.275	1.225	125	0.55	0.55
30	6.000	1.400	4.160	1.275	1.225	125	0.55	0.55
40	8.000	1.700	3.850	1.575	1.525	125	1.10	0.55
50	10.000	1.700	4.740	1.575	1.525	125	1.10	0.55
75	15.000	2.000	5.160	1.875	1.825	160	1.50	0.55
75	15.000	2.250	4.200	2.125	2.075	160	1.50	0.55
90	18.000	2.250	4.950	2.090	2.040	160	1.50	0.55
100	20.000	2.000	6.760	1.840	1.790	200	1.50	0.55
100	20.000	2.250	5.450	2.090	2.040	200	1.50	0.55
150	30.000	2.500	6.600	2.300	2.250	200	2.20	0.55
175	35.000	2.500	7.600	2.300	2.250	200	2.20	0.55
200	40.000	2.500	8.630	2.300	2.250	250	3.00	0.55
225	45.000	2.500	9.650	2.300	2.200	250	3.00	0.55
250	50.000	2.500	10.680	2.300	2.200	250	3.00	0.55
300	60.000	2.500	12.710	2.300	2.200	250	3.00	0.55
350	70.000	2.500	14.750	2.300	2.200	250	3.00	0.55
400	80.000	3.000	11.900	2.750	2.650	300	3.00	0.55
500	100.000	3.000	14.730	2.750	2.650	300	5.50	0.55
550	110.000	3.000	16.150	2.750	2.650	300	5.50	0.55
550	110.000	3.500	12.100	3.250	3.150	300	5.50	0.55
600	120.000	3.500	13.200	3.250	3.150	300	5.50	0.55
700	140.000	3.500	15.200	3.250	3.150	300	7.50	0.55
750	150.000	3.500	16.270	3.250	3.150	300	7.50	0.55
800	160.000	3.500	17.310	3.185	3.085	300	Consult us	0.55
800	160.000	4.000	13.500	3.685	3.585	300	Consult us	0.55
900	180.000	4.000	15.000	3.685	3.585	300	Consult us	0.55
1.000	200.000	4.000	16.700	3.685	3.585	300	Consult us	0.55

EQUIPMENT DELIVERED WITH CONTROL PANEL.

PUMPS ARE REMOVABLE FROM THE EXTERIOR WITHOUT HAVING TO EMPTY THE TANK.

IN OPTION: SCREEN, PUMPING STATIONS, DISINFECTION SYSTEM, ACTIVATED-SLUDGE RECIRCULATION SETTLING TANKS, ETC.