

CLASS I HYDROCARBON SEPARATOR BY COALESCENCE, BUILT-IN SETTLING TANK, AUTOMATIC OBTURATOR AND BY-PASS SYSTEM (DERIVATION)**MODEL: CHC-SH-L-O-BP****Fonction:**

- Mineral oil, grease and hydrocarbon separation from water by density difference and coalescence; it does not separate emulsified oils and hydrocarbon.
- Regulation and derivation system of the outflow is specially designed to be installed on large superficies: Overflowing water which gathers in the separator is separated and directly conducted outside, so that the separator only treats the flow for which the equipment was initially created for.

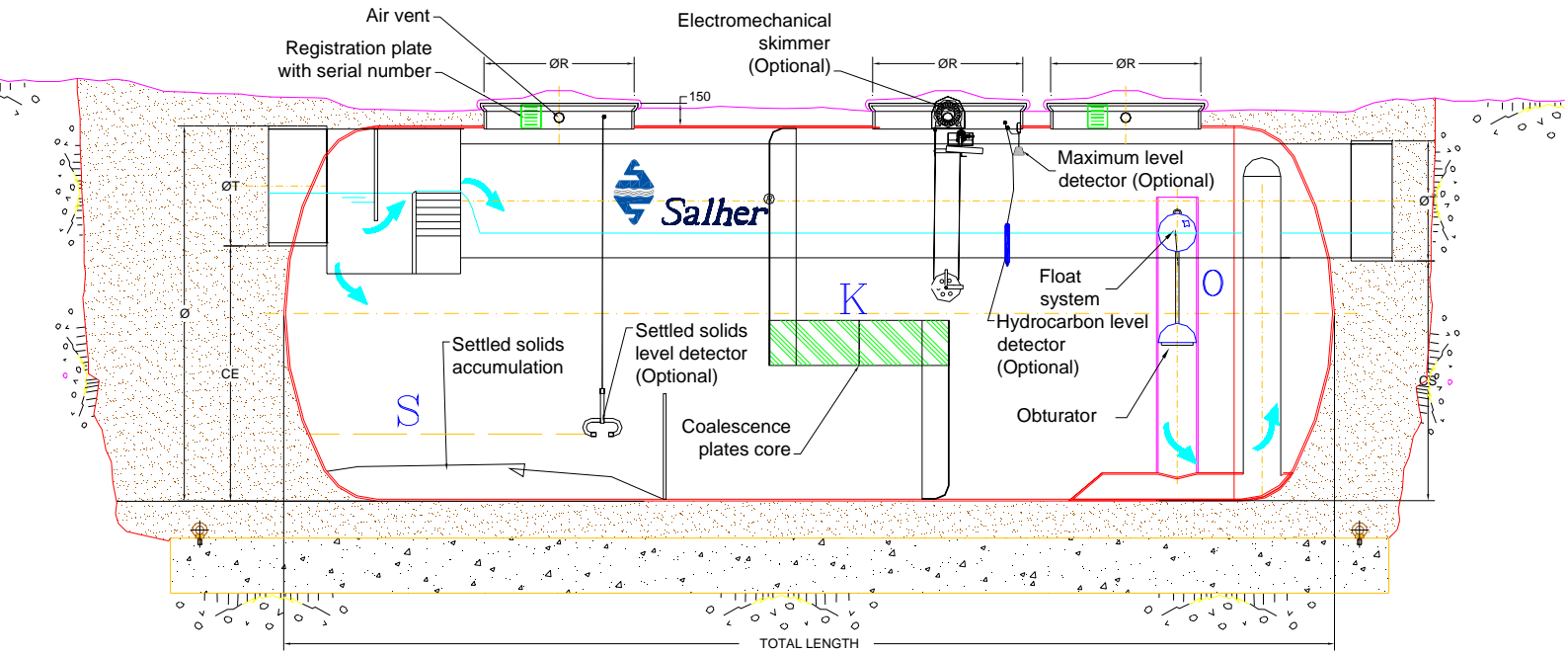
NOTE: For organic oil and greases removal (from vegetables and animals) please refers to: Grease Separator Chamber.

Characteristics:

- Manufactured by Salher, Model CHC-SH-L-2-O-BP Class I, outlet smaller than 5 ppm.
- Built-in sand and solids settling tank.
- Flow regulation system and by-pass with overflowing water outlet.
- Designed according to the UNE-EN 858 standard.
- Made of FGRP (Fiberglass Reinforced Polyester) with orthophthalic resin.
- Oil and hydrocarbon separation and solids settling chamber.
- Separated oil and hydrocarbon gather on the surface of water
- Coalescence plates with a large specific surface: $340\text{m}^2/\text{m}^3$.
- Automatic floating obturator with self-locking system.
- Oil removal through upper manhole.
- PVC inlet and outlet pipes. Manhole with air vent to install the ventilation pipe.

In Option:

- Oil and hydrocarbon detection alarm.
- Oil maximum level alarm.
- Maximum level alarm in case of clogging.
- Mechanical skimmer to remove separated oils.
- See flow regulators for separators with higher flows.



NOMINAL FLOW [l/s]	MAXIMUM FLOW [l/s]	CAPACITY [liters]	Ø [mm]	LENGTH [mm]	PIPE Ø [mm]	MANHOLE Ø [mm]
5	30	3.000	1.400	2.200	250	620
10	40	6.000	1.700	2.950	315	620
15	50	9.000	1.700	4.300	315	620
20	100	12.000	1.700	5.620	315	620
40	200	24.000	2.000	8.000	400	750
50	250	30.000	2.250	8.000	400	750
80	300	40.000	2.500	8.620	500	750
100	350	45.000	2.500	9.650	500	750
150	500	50.000	2.500	10.700	600	750
200	700	60.000	3.000	9.000	700	750
250	825	80.000	3.000	11.850	800	750

FLOW (L/S) CAPACITY (L) SIZE (MM) FOR LARGER FLOW PLEASE CONSULT US