

CLASS I HYDROCARBON SEPARATOR BY COALESCENCE WITH THREE SEPARATION CHAMBERS, AUTOMATIC CLOSURE DEVICE (ACD) AND OIL FILTER

REF: CHC-SH-L-3-FO; CHC-SH-L-3-F; CHC-SH-L-3-O

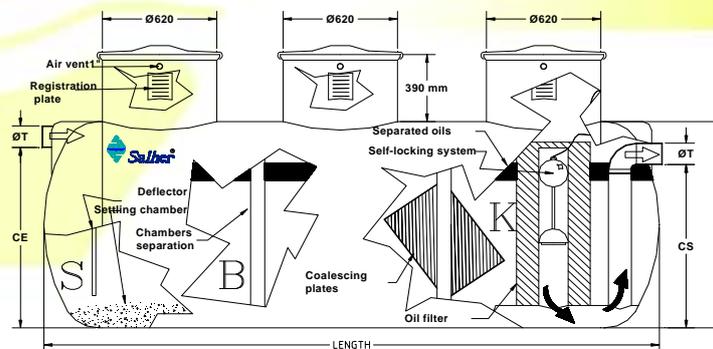
Application:

- Mineral oil, grease and hydrocarbon separation from water (gravity and coalescing separation) by density difference. This unit does not separate emulsified oil.

***NOTE:** For organic oil and grease removal (from vegetables and animals), please refer to grease separators (chapter n°1).*

Characteristics:

- Salher brand, model CHC-SH-L-3-FO (with filter and automatic closure device); CHC-SH-L-3-F (with filter); CHC-SH-L-3-O (with automatic closure device). Class I, outlet oil concentration smaller than 5 ppm.
- Designed according to DIN 1999 and UNE 858 Standards.
- Manufactured in Glass Fiber Reinforced Polyester (GFRP) with orthophthalic resins.
- Oil and hydrocarbon separation and solids settling chambers.
- Separated oil and hydrocarbon on the surface of water.
- Coalescing plates with a large specific surface area: $240\text{m}^2/\text{m}^3$.
- Oil filter and automatic closure device composed of a float and closing system.
- Oil removal through upper manholes.
- PVC inlet and outlet pipes. Outlet in the manhole to install a ventilation pipe.
- Optional: oil and hydrocarbon detection alarm.



FLOW [l/s]	CAPACITY [liters]	φ [mm]	LENGTH [mm]	φ PIPE [mm]	φ MANHOLE [mm]
5	3.200	1.200	3.340	125	620
7	4.500	1.400	3.200	160	620
10	7.500	1.400	5.150	160	620
15	11.000	1.700	5.180	160	620
20	18.000	2.000	6.120	200	620
25	22.500	2.000	7.850	250	620

FLOW (L/S) CAPACITY (L) DIMENSIONS (MM). FOR LARGER FLOWS, PLEASE CONSULT US