CLASS I HYDROCARBON SEPARATOR BY COALESCENCE, COMPACT WITH ADJUSTABLE SKIMMER AND BUILT- IN STORAGE TANK

REF: CHC-SH-L-X-K

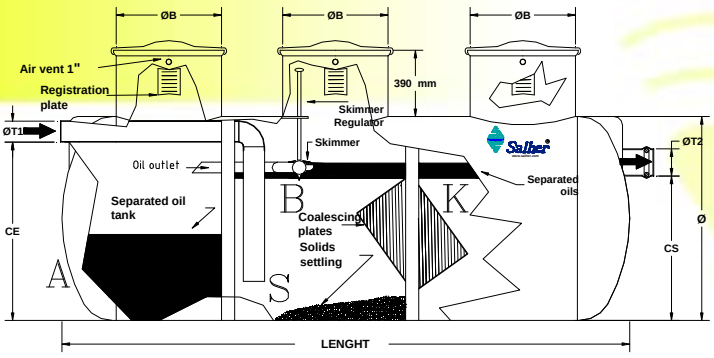
Application:

- 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 chapter nº1: Grease Separators.

Characteristics:

- Salher brand, model CHC-SH-L-X-K. 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 separation, solids settling and oil storage chambers.
- Coalescing plates with a large specific surface area: 240m^2/m^3.
- Manually adjustable oil skimmer for the separated oil collection.
- Built-in storage chamber for the separated oil. Oil extraction through the upper manhole.
- PVC inlet and outlet pipes. Outlet in the manhole to install a ventilation pipe.
- Optional: oil detection alarm.



T1: INLET
S: SETTLING CHAMBER
A: OIL STORAGE CHAMBER
B: SEPARATING AREA
K: COALESCING PLATES
M: MANHOLES
T2: OUTLET
Ø: DIAMETER
L: LENGTH

FLOW [L/S]	TOTAL CAPACITY [liters]	CAPACITY K [liters]	CAPACITY S-B [liters]	CAPACITY A [liters]	Ø [mm]	L [mm]	Ø T1-2 [mm]	Ø MANHOLE [mm]
3	1.800	600	600	600	1.000	2.480	110-125	2x500
5	3.200	1.900	600	700	1.200	3.340	125-160	620
7	4.500	2.400	1.200	900	1.400	3.200	125-160	620
10	7.000	3.000	2.250	1.750	1.400	4.900	160-200	620
15	11.000	4.000	4.250	2.750	1.700	5.180	160-200	620
20	14.500	6.000	5.000	3.500	2.000	5.000	200-250	620
25	18.000	8.000	5.500	4.500	2.000	6.120	250	620

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