

TECHNICAL DEFINITION

Oil separator is a device designed to trap and store free hydrocarbons from run-off water. The silt storage unit traps suspended solids (sands, gravels...).

These oil separators without by-pass and equipped with a silt storage are designed to treat water from covered car parks, petrol stations, garages. For washing areas a complementary silt storage V200 must be provided to obtain a V300 volume.

Remainder:

The oil level alarm is mandatory as additional piece of equipment, unless dispensation from local authorities has been obtained.



OPERATION

The operation of the oil separator is based on the separation by density difference of insoluble pollutants contained in run-off water.

The silt storage compartment settles and traps suspended solids > 200 µm.

The coalescence system, with its large surface area, enables the concentration of free hydrocarbons which are bumping each other. Hydrocarbons rise then to the surface.

The sealing system (shutter) prevents from any risk of hydrocarbon release.

ADVANTAGES

- **PATENTED DESIGN IN ACCORDANCE WITH STANDARDS: EN 858-1 AND EN 858-2**
- **A 20 YEARS GUARANTEE TANK AGAINST CORROSION**
- **HELD IN A SALINE ENVIRONMENT**
- **RESISTS ON GROUND WITH A WATER TABLE UP TO OUTLET LEVEL**
- **LOW WEIGHT**
- **EASY HANDLING**
- **REMOVABLE COALESCENCE AND EASY MAINTENANCE**
- **EASY CONNECTIONS**
- **DEVICES HELD IN STOCK**

HANDLING - INSTALLATION

Refer to installation sheet PHPE before handling and installation the separator.

- maximum height of water table = outlet level.
- mandatory concrete slab.

MAINTENANCE

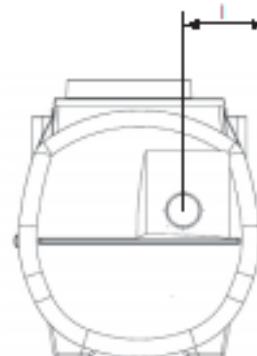
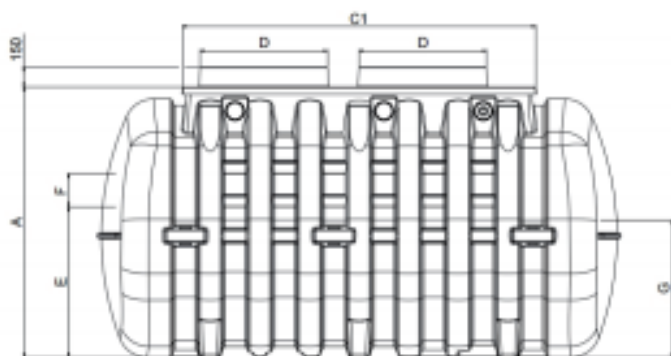
Ensure periodically that the ventilation is not obstructed. The drainage frequency must be adapted to sludge and oil volumes intercepted.

It is recommended to drain the device when the sludge level reaches 50% of the useful volume of the silt storage or when hydrocarbons rise 80% of the retention capacity of the separator (cf. NF P16-442).

Take advantage of the drainage to clean the coalescence and the sealing system.

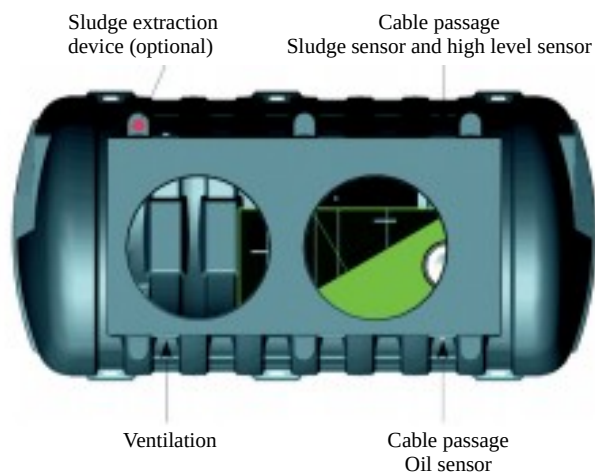
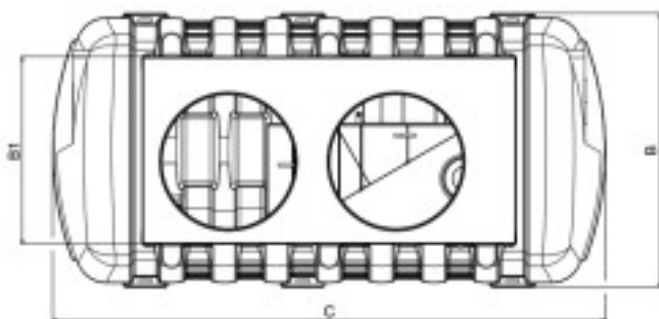
After each drainage, the device must be filled with water. Also check that the shutter floats.

General maintenance instructions E101 are available on our website.



Input

Output



Référence	Débit traité (l/s)	Nb d'amorces	A	B	B1	C	C1	D	E	ØF	G	I	Vol débourbeur (litres)	Vol. rétention hydrocarbures (litres)	Poids (Kg)
SH2/6647/20/00	20	1	2030	1946	1330	2829	1532	950	1132	200	1032	628	2074	377	406
SH2/6647/25/00	25	2	2030	1946	1330	3580	2301	750 / 950	1132	250	1032	628	2561	499	504
SH2/6647/30/00	30	2	2030	1946	1330	3954	2676	950	1132	250	1032	628	3027	559	541

Optional:

ANH22/14310-N: Visual and sound oil level alarm 220V (only 1 oil sensor possible) – see technical sheet (TS) 4993

ANH22/14320: Visual and sound oil level alarm 220V (3 sensors possible) – see TS 4982

ANH22/14506: Oil alarm with power provided by solar panel (connection of up to 6 sensors on 2 different separators) – see TS 4981

CA3/6394/10T: Anchoring straps 10T – 10M + WINCH (4 for NS 20; 6 for NS 25 and 30)

OD2/107: Extraction sludge device ND80

SNB/14220: Sensor detecting the sludge level