SIMOP
EQUIPEMENTS POUR L'ENVIRONNEMENT

Redonnons le meilleur à la terre

OIL SEPARATORS 5mg/l WITH TRIPLE SILT STORAGE (V300) WITHOUT BY-PASS POLYETHYLENE

CE
EN858-1

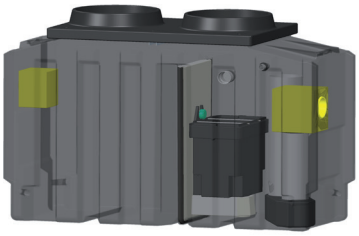
6690
30/06/2017

TECHNICAL DEFINITION

An oil spearator is designed to trap and store free hydrocarbons from run-off water. The silt storage unit traps suspended solids (sands, grawe ...).

These oil separators without by-pass and equiped with a silt storage V300 are ideal for treating water coming from washing sites for construction vehicles , construction and agriculture machinery, trucks, ...

Reminder:
The oil level alam is mandatory as additional piece of equipment except local authority exemptions.



Separator SH2/6690/03/00

Separator SH2/6690/08/00

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 > than 200µm.

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 ET 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

MANUTENTION - INSTALLATION

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

- Maximum height of the water table = outlet level.

- Device with PE frames: backfill without slab up to the PE frame level (without extension). Mandatory protection slab if extension.

- Device with manholes: 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 maintenace instruction E101 are available on our website.

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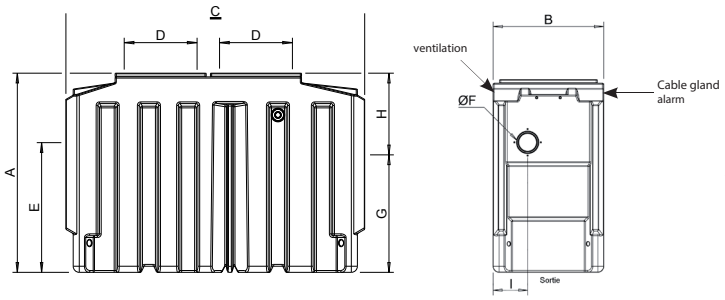
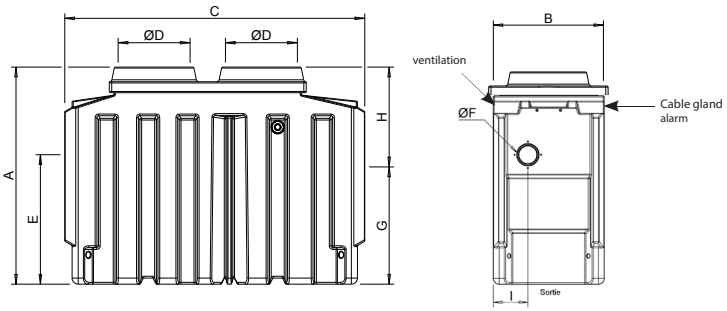
DEVICE WITH PE FRAME :

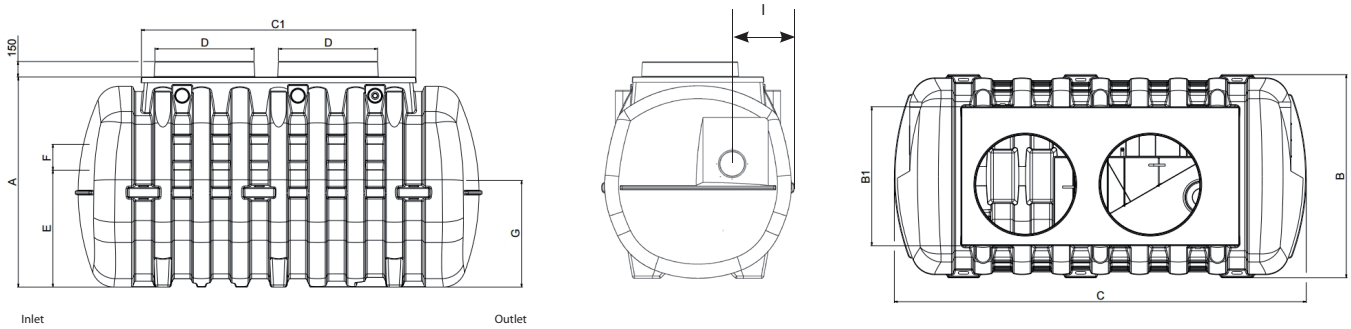


DEVICE WITH PE MANHOLE :



Reference	Treated flow (l/s)	Manholes nb	Frames nb	A	B	C	D	E	ØF	G	H	I	Silt storage volume (liters)	Oil retention volume (liters)	Weight (Kg)
SH2/6690/03	3		2	1630	940	2460	600x690	1050	160	950	680	320	1030	105	227
SH2/6690/03/00	3	2		1780	940	2460	600	1050	160	950	830	320	1030	105	237

Options :
ANH22/14310-N : Visual and sound oil level alarm with power supply 220V (only 1 oil sensor possible) - see technical sheet (TS) 4993
ANH22/14320 : Visual and sound oil level alarm with power supply 220V (3 sensors possible) - see TS 4982
ANH22/14506 : Oil alarm with power provided by solar panel (connection of up to 6 sensors installed on 2 different separators) - see TS 4981
OD2/105 : Sludge suction device
CA3/6394/10T : Anchoring straps 10T-10M + WINCH (provide 2)
SNB/14220 : Sensor detecting the sludge level



Reference	Treated flow (l/s)	Manholes nb	A	B	B1	C	C1	D	E	ØF	G	I	Silt storage volume (liters)	Oil retention volume (liters)	Weight (Kg)
SH2/6690/06/00	6	1	2030	1946	1330	2829	1532	950	1132	200	1032	628	2074	377	406
SH2/6690/08/00	8	2	2030	1946	1330	3580	2301	750 / 950	1132	250	1032	628	2561	499	504
SH2/6690/10/00	10	2	2030	1946	1330	3954	2676	950	1132	250	1032	628	3027	559	541

Options :
ANH22/14310-N : Visual and sound oil level alarm with power supply 220V (only 1 oil sensor possible) - see technical sheet (TS) 4993
ANH22/14320 : Visual and sound oil level alarm with power supply 220V (3 sensors possible) - see TS 4982
ANH22/14506 : Oil alarm with power provided by solar panel (connection of up to 6 sensors installed on 2 different separators) - see TS 4981
CA3/6394/10T : Anchoring straps 10 T - 10 M + WINCH (4 for the NS 6 - 6 for the NS 8 and 10)
OD2/107 : Sludge extraction DN80
SNB/14220 : Sensor detecting the sludge level

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