

Redonnons le meilleur à la terre

DOKAC/DOK

6648

Technical Definition

An oil separator is a device designed to trap hydrocarbons in suspension in wastewater. It must be preceded by a silt storage unit which retains heavy matter.

Oil separators with bypass fitted with a coalescer are perfectly suited to treating water from covered car parks, petrol stations, garages.

Reminder: The oil level alarm, additional piece of equipment, is mandatory unless special derogation from the local authorities.

Maintenance

Periodically to ensure that the ventilation is not obstructed. Frequency must be adapted to drain sludge volumes and hydrocarbon intercepted. It is recommended to drain the appliance when the sludge reaches 50% of the volume of the sludge or oil occupy 80% of the retention capacity of the separator (see NF P16-442). Take advantage of the drain to clean the coalescence and the sealing system. After each discharge, the unit must be returned to water. Also check that the shutter fleet.

Operation

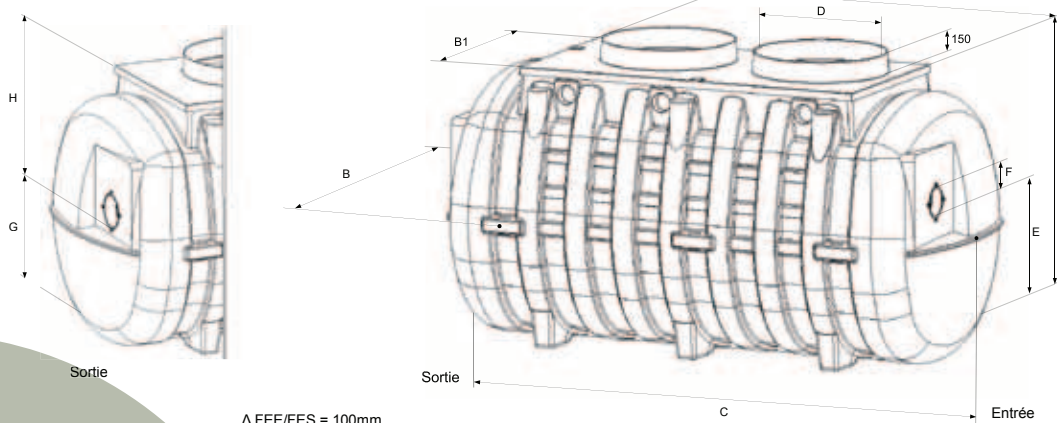
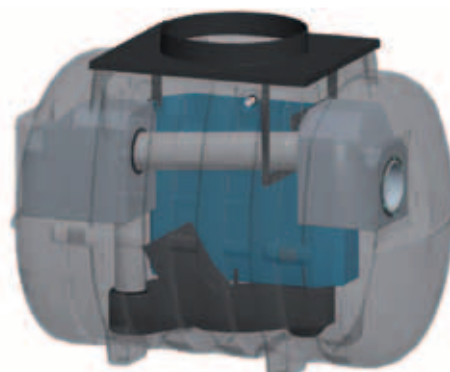
The operation of the oil separator is based on the separation by density difference insoluble pollutants contained in the runoff. The bypass system located at the entry box is used to regulate the flow (20% of treatment permissible flow). Compartment allows sludge to settle and trap suspended solids (> 200µm). Coalescence system with its large surface area allows free oil concentrate in promoting their collision. Oil then back to the closure system surface. Le avoids any risk of release of hydrocarbons.

Advantages

- Designed in accordance with: EN 858-1 and EN 858-2
- Tank with a 20 year anti-corrosion warranty
- Tested and 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

Installation

See sheet P060 for installation on page 58.



Reference	Flow rate to be treated(l/s)	Allowable flow rate (l/s)	Nb. manholes	A	B	B1	C	C1	D	E	F	G	H	Silt storage volume (liters)	Oil retention Volume (liters)
SH2/6648/20/00	20	100	1	2030	1946	1330	2829	1532	950	1132	315	1032	998	2074	377
SH2/6648/25/00	25	125	2	2030	1946	1330	3580	2301	750 / 950	1132	400	1032	998	2561	499
SH2/6648/30/00	30	150	2	2030	1946	1330	3954	2676	950	1132	400	1032	998	3027	559

Options :

ANH22/14320

Oil level alarm with power supply (refer to data sheet 4982 page 43)

ANH22/14506

Oil level alarm powered by solar panel (refer to data sheet 4981 page 42)

SNB/14220

Sludge layer sensor