HYDROCARBON SEPARATOR CE 5 MG/L
SLUDGE TRAP WITH DOWNSTREAM BYPASS
FLOW RATE GREATER THAN 50 L/S
POLYESTER

SIMOP
EQUIPMENTS FOR ENVIRONMENT

Give the best back to earth

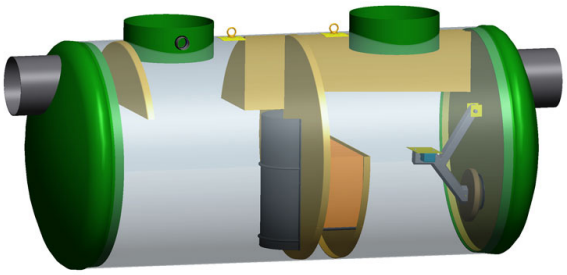
6670

1 Technical definition

- A range of separators designed to handle flows in excess of 50 l/s.
- Its cylindrical design is adapted to resist earth pressure and dimensions generating large flow rates.
- Fiberglass-reinforced polyester hydrocarbon separator, EN 858 compliant, with PVC inlet and outlet connections, and gravity flow. It is fitted with a silt trap and a polyethylene siphonic partition. This assembly blocks the waste in the sludge trap and directs the flow downwards.
- Coalescence in the separation zone separates the hydrocarbons. The polyethylene toggle-valve system with nitrile seal prevents hydrocarbons from being discharged.
- The downstream storm overflow directs the flow to be treated into the separator compartment. The downstream bypass diverts the surplus to the outlet in the event of exceptional rainfall events.
- Accessible manholes to EN 476
- Marking on the separator in compliance with EN standard 858.

Reminder the hydrocarbon level alarm is mandatory as additional equipment unless exempted by the local authorities.

CE



2 Technical advantages

- Customized sizing: tailored to site requirements
- Cleanable coalescent materials for easy maintenance
- Nitrile seal on obturator: resistance to most effluents loaded with hydrocarbons
- Choice of materials (polyester, PVC, PP): no corrosion

3 Maintenance

An annual inspection visit must be carried out in order to check the operation of the device.

It is recommended to empty the unit when the sludge reaches 50% of the useful volume of the sludge trap or when the hydrocarbons fill 80% of the retention capacity of the separator (see NF P16-442).

After each draining, the unit must be put back in water and the obturator must be checked for leaks.

General maintenance instructions E114 available on our website.

4 Handling - installation

Refer to the PHPRV-NC manual before handling and installing the separator.

5 CCTP type

CE 5 mg/l hydrocarbon separator with sludge trap, upstream bypass and curved bottoms in glass-fiber reinforced polyester from SIMOP or similar, reference SH3/6670 with coalescing polypropylene lamellar blocks and GRP bypass, in compliance with EN 858.

6 Options

Ladders, suction kits, quick-installation frames: Easy operation, quick installation

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