

# 3 TO 8M<sup>3</sup> UNDERGROUND RESERVOIR REGULATION AND/OR DES WATER STORAGE

POLYETHYLENE (PE)

**SIMOP**  
EQUIPEMENTS POUR L'ENVIRONNEMENT

*Redonnons le meilleur à la terre*

**6020**

## 1 Technical definition

Underground storage tank in non-food-grade black high-density polyethylene for effluent or run-off water, density 1. Screw-on lid. Tanks can be twinned (refer to optional twin kit).

## 2 Maintenance

The reservoir requires no special maintenance. It simply needs to be drained periodically.

## 3 Fence

In the absence of a self-supporting reinforced concrete slab, and if there is a risk of vehicle traffic, we strongly recommend fencing off the area around the structure.

## 4 Installation

Refer to installation instructions **P052**.

## 7 Control / storage

For systems with a regulation component, they limit the discharge of stormwater into the natural environment. In the event of intense rainfall, they help reduce the risk of overloading the downstream stormwater network (overflowing ditches, downspouts, flooding, etc.).

These systems blend in well with their surroundings, due to their small footprint.

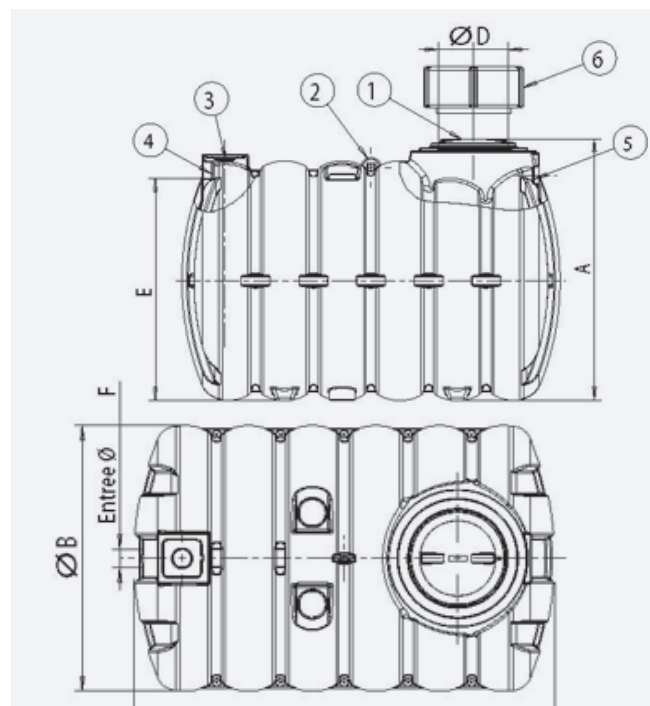
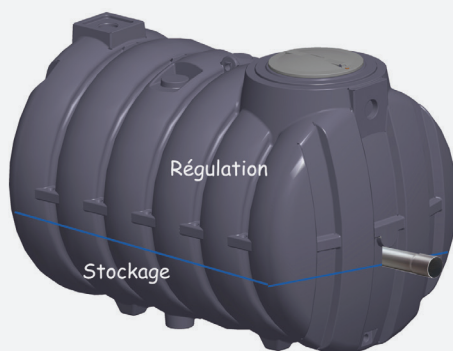
We offer tanks for regulation or combined storage and regulation. We can also adapt the output flow rate to suit your needs. Please contact us



GARANTIE  
CONTRE LA  
CORROSION  
JUSQU'À

**10 ANS**

Reference	Volume	A	ø B	C	ø D	E	ø F
CSR2/03000	3000 L	1608	1450	2265	450	1339	100
CSR2/04000	4000 L	1605	1870	2287	450	1364	100
CSR2/05000	5000 L	1740	1977	2390	450	1499	100
CSR2/06000	6000 L	2345	2202	2103	450	2034	100
CSR2/08000	8000 L	2345	2202	2701	450	2034	100



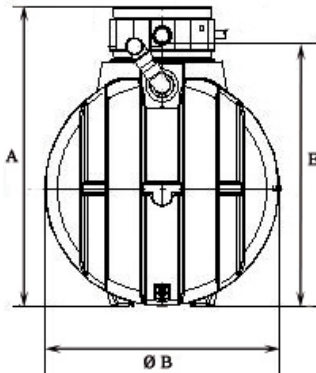
- 1 - CV400 screw-in buffer
- 2 - Lifting ring
- 3 - Vent ø 100 to be uncapped
- 4 - Inlet (pit delivered pierced)
- 5 - Overflow (to be uncapped if necessary)
- 6 - Extension (optional)

### Options

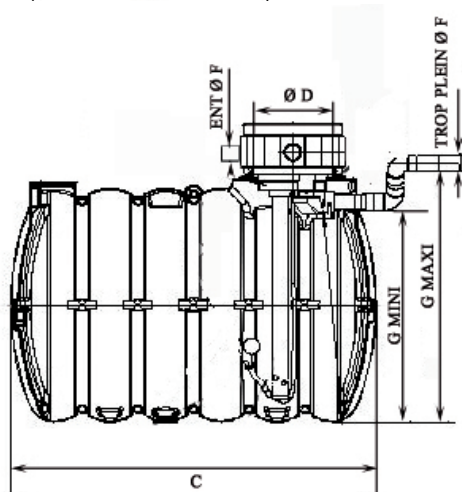
<b>RH2/5025EP</b>	Screw-on polyethylene extension. Height 250 mm
<b>CA3/10/3T/2</b>	Set of 2 3-ton anchoring belts for 3, 4, 5, 6 m tanks <sup>3</sup>
<b>CA3/10/3T/3</b>	Set of 3 anchoring belts for 8 m tank <sup>3</sup>
<b>OD2/106</b>	Suction device DN80
<b>Kit JUM26/34</b>	Kit for combining 2 tanks into 1

# 3 TO 8 M<sup>3</sup> UNDERGROUND RESERVOIR

RAINWATER HARVESTING TANK  
POLYETHYLENE (PE)



Reference	Volume	A	Ø B	C	Ø D	E	Ø F	G mini	G max (see ADN12 option)
CEP2/6022/03	3000 L	1854	1450	2265	490	1623	100	1310	1548
CEP2/6022/04	4000 L	1851	1810	2287	490	1621	100	1310	1548
CEP2/6022/05	5000 L	1986	1977	2390	490	1756	100	1445	1683
CEP2/6022/06	6000 L	2586	2202	2114	490	2361	100	2017	2225
CEP2/6022/08	8000 L	2586	2202	2700	490	2361	100	2017	2225



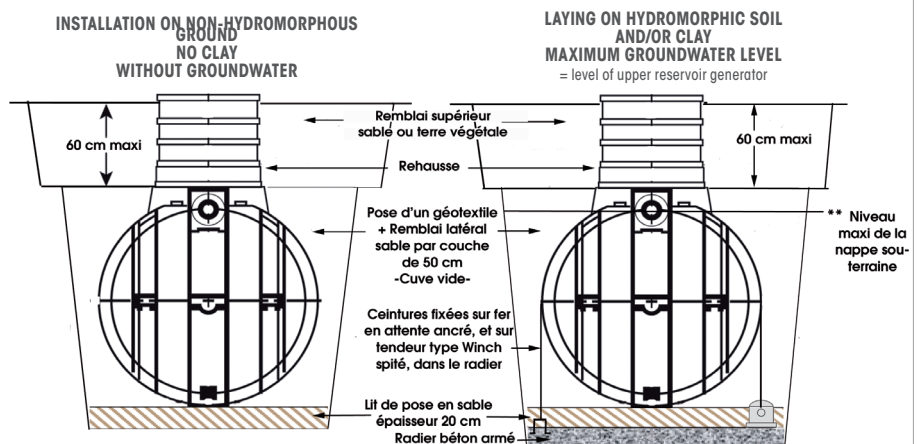
PP58/06	Pumping kit
PP58/11	Pumping kit with manager
CA3/10/3T/2	Set of 2 3-ton anchoring belts for 3, 4, 5 and 6 m pits <sup>3</sup>
CA3/10/3T/3	Set of 3 3-ton anchoring belts for 8 m tank <sup>3</sup>
DNA12	Output level adapter too full for low slopes
FDG12	Simplified downspout filter
FGU11	UV filtration system
RH2/5025EP	Manhole extension Ø 500 height 250 mm (only 1 extension possible)

## INSTALLATION

**Please note: the height of the tank must be calculated in such a way as to ensure that the height of the groundwater table does not exceed 1 meter above the bottom of the tank.**

Create a separate excavation for each tank and, if necessary, draw down the groundwater table until backfilling of the unit is complete.

The walls of the excavation must be approximately 50 cm all around the tank. The bottom of the embankment must be at least 4 m from the tank.



Just above the upper generatrix of the tank, create a self-supporting reinforced concrete slab supported on stabilized, undisturbed ground all around the excavation in the following cases:

1. In case of backfill more than 60 cm above the upper generatrix of the tank.
2. In case of punctual overload due to the passage of vehicles at less than 4 m from the edge of the excavation.
3. When using concrete sockets.
4. In case of overloads due to extreme climatic conditions.