

AQUAMOP 3 TO 8 M3 FOR UNDERGROUND INSTALLATION RAINWATER HARVESTING TANK POLYETHYLENE (PE)

6022

1 Technical definition

The rainwater harvesting system collects and stores roof water, which is then made available to the user via a pumping system.

Collected water flows into the tank by first passing through a downspout filter and then the tank filter, which has a filtration fineness of less than 1 mm.

An anti-settling device prevents the heaviest fine matter from being resuspended after settling. When the tank is full, excess water is returned to the collection network or to an overflow. A pumping device is required for easy operation (optional). Tank made of linear medium-density polyethylene

2 Maintenance

- Inlet filter cleaning
- Check condition of suction strainer
- Emptying: complete emptying at the end of summer, with cleaning and suction of deposits at the bottom of the tank before refilling in winter.

3 Water requirements - A family with 4 children

Watering	30m ³ /year
WC	from 30 to 60m ³ /year
Cleaning/washing floors	3m ³ /year
Washing machine	from 11 to 18m ³ /year
Between 74 and 111 m3/year	



4 Fence

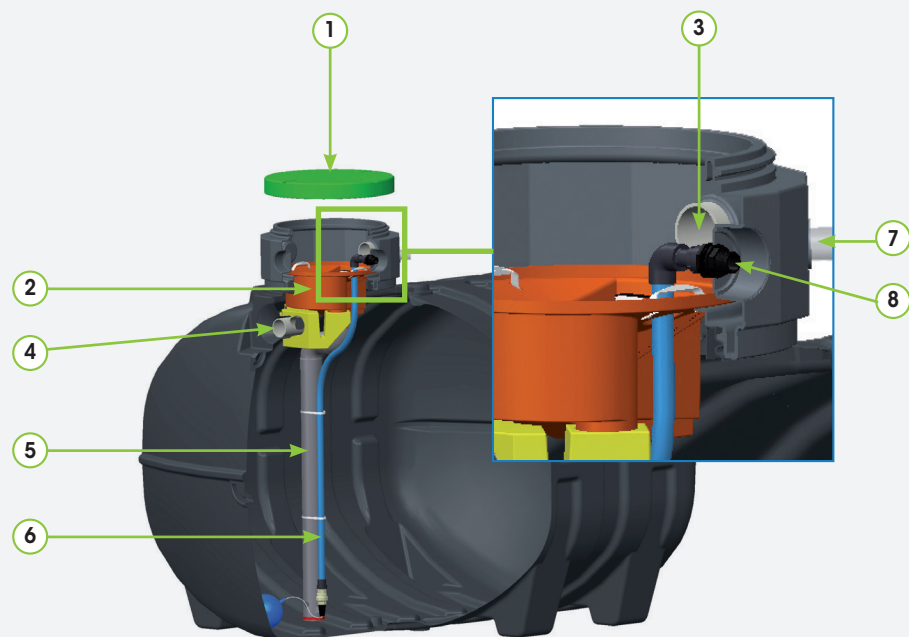
A reinforced concrete slab must be laid to ensure the passage of vehicles. If this is not possible, provide fencing around the structure.

5 Guarantee

- **Biennial warranty**. The vat room is covered by a 10-year anti-corrosion warranty.

RAINWATER TREATMENT | RAINWATER HARVESTING

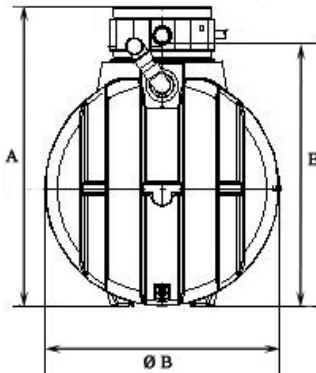
1. Screw-on lid
2. Collector system with filter handles
- INLET
4. Overflow
5. Anti-burrow tube
6. Suction tube with strainer and float
7. Submersible pump cable outlet DN50
8. 1" threaded wall feed-through for connection of a surface pump or manager (see options)



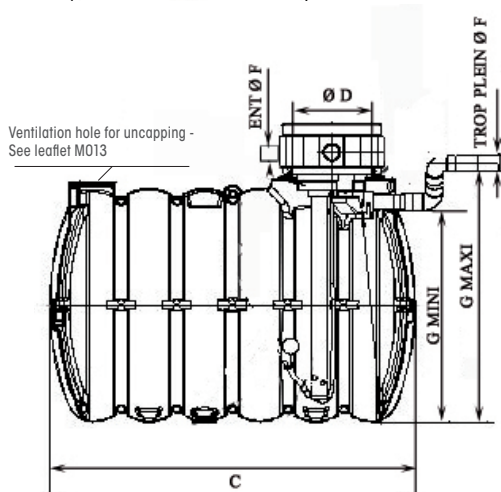
SIMOP

AQUAMOP 3 TO 8 M3 FOR UNDERGROUND INSTALLATION

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 ³
CA3/10/3T/3	Set of 3 3-ton anchoring belts for 8 m tank ³
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

Attention the height of the tank must be calculated in such a way that the height of the groundwater table does not exceed the level of the upper generatrix 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.

