

AQUAMOP EXTRA-FLAT 3 AND 5 M³
RAINWATER HARVESTING TANK
POLYETHYLENE (PE)
IN-GROUND OR ABOVE-GROUND INSTALLATION

6022-PLA

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). Extra-flat 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 |



Extra flat tank 3m³

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10 ANS



Extra-flat bowl 5m³

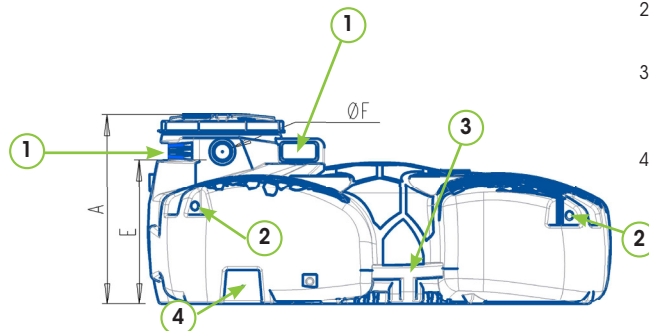
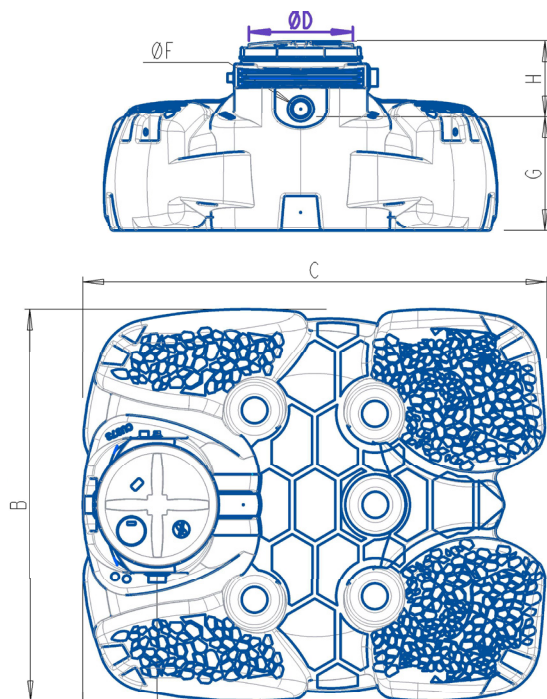
4 Installation

SIMOP extra-flat tanks can be installed above or below ground. In the latter case, please refer to the PHPEPLA installation instructions.

5 Fence

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

1. Fork passage
2. Handling rings/ anchorage belt
3. Handle for manual handling (3m³version only)
4. Drilling zone for twinning (2 zones available per tank)

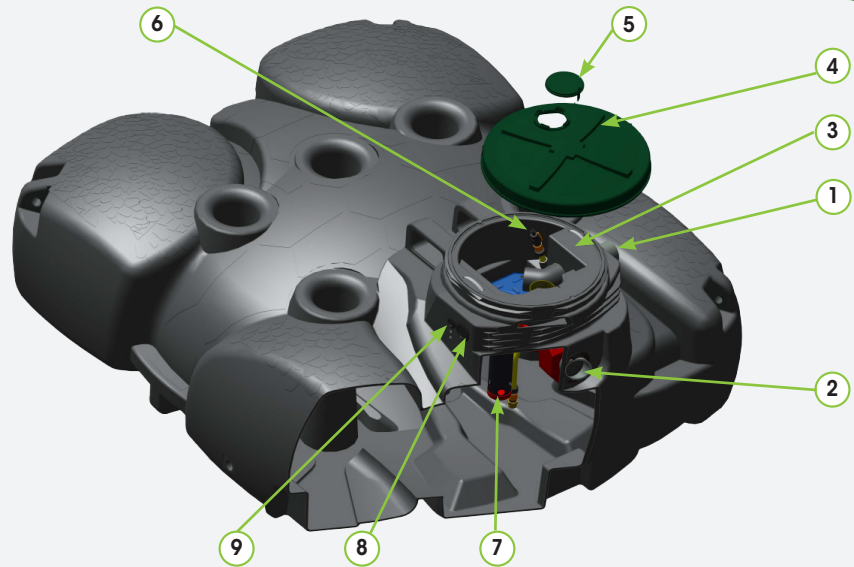


| Reference | Volume | A | B | C | Ø D | E (inlet thread) | Ø F | H | G (outlet thread) | Weight (Kg) |
|----------------|--------|------|------|------|-----|------------------|-----|-----|-------------------|-------------|
| CEPLAT/6022/03 | 3000 L | 1099 | 2280 | 2700 | 600 | 840 | 100 | 439 | 660 | 182 |
| CEPLAT/6022/05 | 5000 L | 1099 | 2280 | 3500 | 600 | 840 | 100 | 439 | 660 | 252 |

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1. DN100 inlet
2. DN100 outlet
3. Collector system with handles, including fixed 5mm filter and removable 1mm mesh basket
4. Screw-on lid
5. Access hatch for quick connection
6. Integrated discharge kit, quick-fit coupling with valve for connection to DN19 pipe for submersible pump with 1" thread.
7. Anti-burrow tube
8. Drilling with DN25/32 porthole seal for submerged pump electrical cable entry
9. Hole with DN50/63 porthole seal for suction tube passage (to be used if KPI-1/KASP6/KRAL32-1 kit is connected)



Supplied with delivery kit for sprinklers with quick-release coupling



6 Options





| | | |
|--------------------|--|--|
| PP58/06-1 | Submersible and surface pumps | See FT 6032 |
| 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 | |
| FDG12 | Simplified downspout filter | |
| FGU11 | UV filtration system | |
| RH2/6031 | Screw-on extension, can be cut to size, height 300mm |  |
| KITJUM50 | DN50 quick coupling kit | See FT 6022AC |
| KASP6 | Kit for connection to overhead pump via DN25 compression fitting, equipped with strainer and float at suction into tank |  |
| KRAL32-1 | 7m extension kit (can be cut to length if required) for OPAL POOLHOSE DN25 reinforced flexible PVC pipe, with 1" threaded compression fitting and 1" compression fitting. |  |
| KPI-1 | Discharge kit for submersible pump, connection to a 1" pump and discharge via a DN25 compression fitting, additional connection of the integrated discharge kit (quick coupling) to the 1" T |  |

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RAINWATER HARVESTING TANK

POLYETHYLENE (PE)

IN-GROUND OR ABOVE-GROUND INSTALLATION

| | Submersible pump (in tank) | | | Surface pump | Water manager |
|--|----------------------------|-----|-----------------------|--------------|---------------------------------------|
| | Watering | | | Watering | WC, washing machine, sprinkler system |
| | Quick coupling | Tap | Quick connector + tap | | |
| Integrated discharge kit (included)  | included | | included | | |
| KPI-1  | | | 1 | | |
| KRAL32-1  | | 1 | + | 1 | 1 |
| KASP6  | | | | + | + |
| | | | | 1 | 1 |

Example : I want to integrate a submersible pump in my tank for watering the garden. I'd like to connect both to a tap and from the quick connector built into my tank.

I'll need the following options:

- **Discharge kit (already included)**
- **KPI-1**
- **KRAL32-1**