

## RAINWATER MANAGER 8-50 WITH CARGO PUMP FOR COMMUNITIES

6034

### 1 Technical definition

The PP58/18 manager is a complete control unit for rainwater harvesting systems. It incorporates a disconnection tank, a dual-pump device and permanent electronic control.

The control unit monitors the level in the storage tank and in the integrated bypass tank. Thanks to the cargo pump in the storage tank, rainwater is delivered to the bypass tank in proportion to demand.

The rainwater is then pumped to the relevant applications using the double pump. In the event of rainwater shortage or manual switchover, drinking water is automatically fed into the bypass tank in accordance with EN 1717. The AEP solenoid valve opens regularly to empty the disconnection tank, thus preventing stagnation in the drinking water pipe.

The manager is equipped with a color digital LCD screen which shows you at a glance all the operating conditions of the unit: operating mode, water level, pump(s) running, alarm, maintenance... In addition, thanks to your local network (wired or Wi-Fi), you can retrieve all this information on your smartphone, tablet or PC.

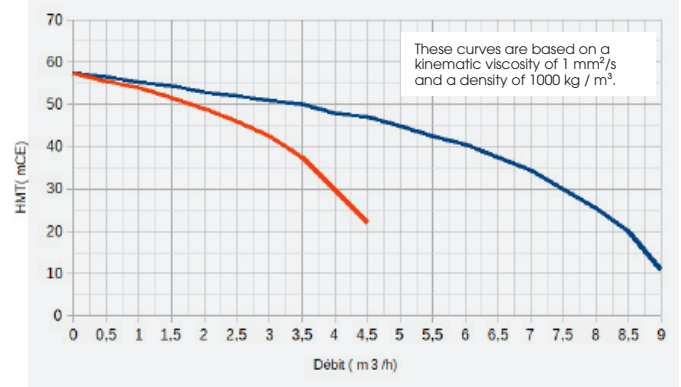
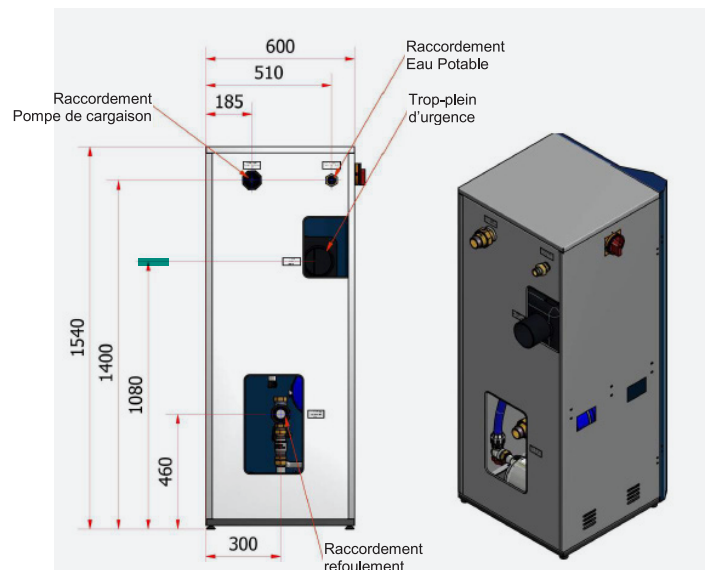


### 2 Features

- Dual horizontal multistage pumps for rainwater harvesting systems.
- Integrated connection to the drinking water network in accordance with EN 1717 (type AA)
- Electronic control management
- Maximum flow rate up to 9m<sup>3</sup>/h
- EP tank level indication
- Manual changeover to drinking water service possible
- Control and monitoring of cargo pump and solenoid valve
- Dry contact for alarm and maintenance operations

Equipment	Manager
Max. flow per pump (m <sup>3</sup> /h)	F13023
Max. flow, parallel operation (m <sup>3</sup> /h)	4.8
Max. potable water make-up flow rate* (in kWh)	9
Current (A)	58
Power input (kW)	9
Weight (kg)	16
Power supply	3.6
Width (mm)	141
Depth (mm)	665
Height in mm (without feet)	1.540 à 1.560
Pressure connection	1 1/2"
AEP connection	1"
Connection. Cargo pump	1 1/4"
Emergency overflow	100 mm OD
Backflow (useful vol.)	70 L
Disconnection type	EN 1717 - Type AA

\* requires at least 4 bar pressure



# RAINWATER MANAGER 8-50

WITH CARGO PUMP  
FOR COMMUNITIES

6034

## 4 Cargo pump

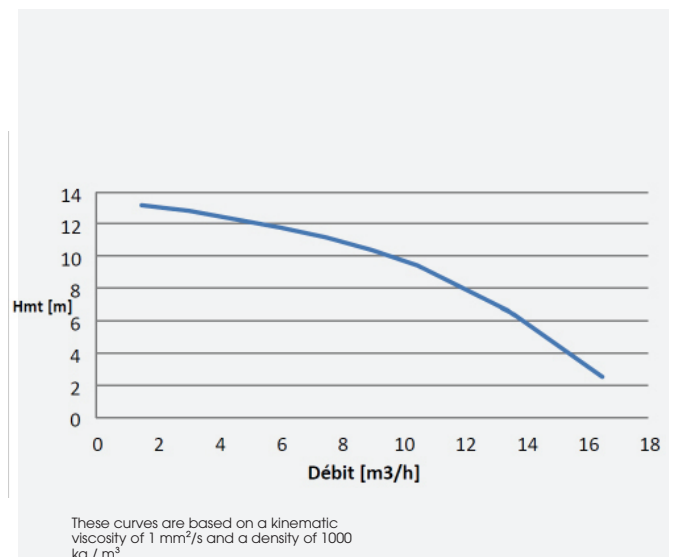
The submerged cargo pump is needed to bring rainwater or grey water to the manager. This water is pumped through the floating strainer to use the clearest water possible (above the bottom to avoid sediment, but about 15cm below the water surface to avoid pumping floating particles).

Water is thus pumped via the 1<sup>1</sup>/<sub>4</sub> reinforced PE pipe. Dry-run protection, which prevents damage in the event of prolonged operation without water, and pump start/stop are directly managed by the manager. For all this information on your smartphone, tablet or PC.

## 5 Features

- Corrosion-resistant submersible pump with integrated handle, safety float and cable for reassembly.
- 10m cable H 07
- 1m floating suction with 1<sup>1</sup>/<sub>4</sub> strainer included
- 2 m discharge pipe with 1<sup>1</sup>/<sub>4</sub> connections and 90° brass bend

Equipment	Cargo pump
Max. flow (m <sup>3</sup> /h)	16,5
Hmt max (m)	13,5
Power (W)	1100
Power supply	230 V / 50 Hz
Max. input current [A] [A]	3,52
Protective amperage [A]	6
Protection class	IP 68
Pressure connection	1 <sup>1</sup> / <sub>4</sub>
Suction connection	1 <sup>1</sup> / <sub>4</sub>
Elec. cable .	Shielded cable 10 m H 07 with safety socket



RAINWATER HARVESTING | AQUAMOP

Set reference	Designation
PP58/18	Rainwater manager 8-50 for communities with cargo pump