SUBMERSIBLE AND SELF-PRIMING PUMP

SIMOP
EQUIPEMENTS POUR L'ENVIRONNEMENT

Redonnons le meilleur à la terre

6032

1 Technical definition

This new generation of pumps has been specifically designed with the best materials to avoid any long-term malfunction. The pump includes an integrated flow control and non-return valve. It can be installed as a submersible pump directly in the tank, or as a surface pump connected to the storage tank.

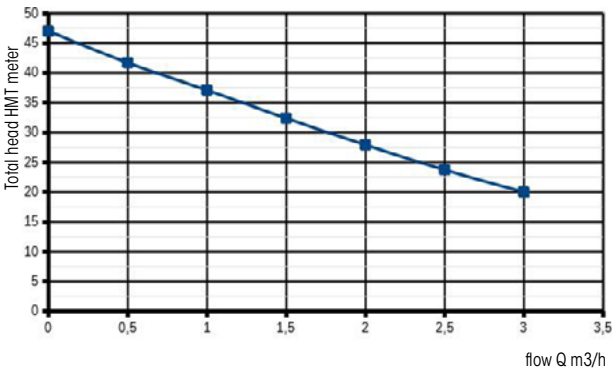
Connected to a tap or hose, it will automatically start when the applications are opened.

The pump's shell has been designed for easy handling and perfect stability at the bottom of a storage tank.

2 Equipment

Submersible or surface pump for rainwater harvesting tanks.
- 10 meters of HO7RNF cable with standardized plug (DIN 49441)
- Pump for outdoor applications (watering, washing, ...).
- Integrated dry-run protection.
- Integrated electronic flow regulator for automatic start and stop.
- Non-return valve and fixed strainer included
- 5 metres of nylon cord for handling.

Pressure curve



Technical specifications	
Max. pressure [m]	46
Max. flow rate [m3/h]	3
Power supply [V]	230
Max. input current [A] [A	3,52
Power	900 W
Dimensions [mm] (L x D x H)	477x226x200
Weight [kg]	13,5
Hydraulic connections	1''
Protection class	IP68

2 Assembly

See leaflet **M060**

Reference	Designation
PP58/06	Surface and submersible pump, including 3 and 15-meter hoses
PP58/06-01	Surface and underwater pump
PPKIT3ML	Flexible hose with connection, length 3 metres
PPKIT15ML	Flexible hose with 15-meter connection

Update 10-1-2025

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CONTROL MANAGER

1 Operation

The control unit is installed on the floor or on a wall bracket. In the event of rainwater shortage, drinking water is supplied to the building as required. The device switches to "drinking water" operating mode via a 3-way solenoid valve activated by a contact float in the rainwater tank. The device is supplied with drinking water via a proportional float valve in accordance with EN 1717.

The integrated disconnection tank is fitted with a 75 mm overflow outlet for connection to the drainage system.

The 15-ml hose kit supplied must not be extended under any circumstances. If the hose length between the pump and the Aquamop is insufficient, please contact our sales team.

The booster pump is started by pressure and stopped by flow, using a flow controller. In the event of dry running, the flow controller stops the pump.

COMPLIANT DISCONNECTION NF IN 1717

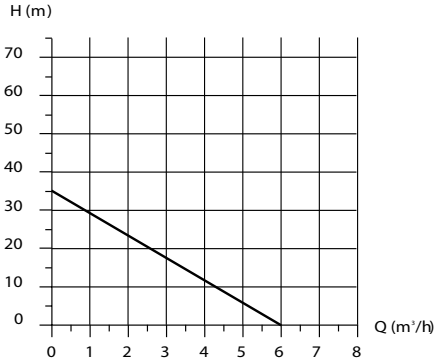
2 Installation

See leaflet **M070**

2 Equipment

- Self-priming multistage pump
- Flow controller with dry-running protection and volume-dependent shutdown
- Mains isolation to EN 1717 TYP AB
- 3-way 1" solenoid valve
- Drinking water supply via float valve
- Contact float with 20 m cable and adjustable counterweight
- Overflow 75 mm (outside diameter)
- 15 m adjustable hose for connection to AQUAMOP
- Switch for operating the manager on drinking water only (for tank maintenance, for example)

Pump curve



TECHNICAL SPECIFICATIONS	
DISCHARGE FLOW Q MAX	5$^{m3/h}$
MAX. DISCHARGE PRESSURE	3,6 bar
MAX. INSTALLATION HEIGHT	15 m
MAX. INSTALLATION DEPTH	8 m
CONNECTION VOLTAGE	230 V AC / 50 HZ
NOMINAL CONSUMPTION	max 800 W
PROTECTION CLASS	IP41
NOISE LEVEL	43 Db

TECHNICAL DIMENSIONS	
WIDTH	500 mm
HEIGHT	650 mm
DEPTH	240 mm
WEIGHT	22 kg

CONNECTIONS	
DRINKING WATER CONNECTION	3/4" (external thread)
PRESSURE PIPE	1" (inside thread)
SUCTION LINE	1" (inside thread)
EMERGENCY OVERFLOW	DN 70
CONTACT FLOAT	20 m (no underground cable)

REFERENCE	
PP58/11	Aquamop control manager supplied with 15-ml hose, "non-potable water" signage kit and installation instructions.

Be sure to read the instructions supplied with the pump before installation and use.
Caution! Never more than 12.5 meters between the tank and the operator (see DN25 suction pump curve).