



All Types of  
Water & Sewage Pumping  
and Treatment Engineers

*The Pump People.*

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## Automatic mains water top-up for rainwater tanks with leak detection feature

The Top-Up Set manages the mains water top-up to a rain tank, so maintaining a minimum water level in your rain-water tank.

### Functions

The Level Probe senses tank water level. At low water level the solenoid valve opens. The Control Unit switches an optionally connected pump (not included) on and off, to save it from running dry.

Unlike inadequate "level switch & solenoid valve only" systems, the microprocessor controlled system ensures a smooth, continuous supply of water and prevents hysteresis of any connected pump. The Control Unit prevents the solenoid valve blocking, by testing it periodically (3 per wk).

The Control Unit alarms, shutting the solenoid valve, if the solenoid is open for over 30 minutes, due to a leak either in the tank or its' feeder pipe. This is vital to meet both water company requirements and save water.

A longer alarm delay and top-up dwell time can be set if necessary.

Includes a Tundish with unique integrated overflow. Unobstructed air gap to prevent pollution of potable water by backflow: meets BS EN13076.

### Installation Summary

Position the level probe in the tank at the appropriate height. Connect the mains water via the flexible braided hose to feed gravity-feed into the tank through the solenoid valve and tundish.

Plug the Control Unit in to a standard 240 V electric supply and optionally plug in a pump to the front panel.

### The set consists of:

- Control Unit - 97 x 163 x 62 mm, 0.5kg.
- Level Probe - 15m cable (extendable to 30m).
- Solenoid Valve - with 30cm braided hose and isolating valve (1/2" F BSP).
- Tundish with overflow c/w wall mounting bracket, anti-spray nozzle and elbow.
- Tundish Overflow - 39mm (external)
- Tundish Outlet - 50mm (external)
- Schuko plug adapter for pump connection

Fully complies with UK water regulations



Manufacturers reserve the right to change specifications without prior notice

Rain Water Top Up Set-June09

Visit our website for details of our full range of pumps and accessories. [www.amospumps.co.uk](http://www.amospumps.co.uk)