

# 3P Top-Up Set

## Electronic Mains Cold Water Top-Up Controller

- **Microprocessor Controlled**
- **15 metre Probe Cable**
- **Solid State Level Sensing**
- **Limits Top-up Duration to Prevent Accidental Wastage**
- **Optional Pump Isolation During Top-up**
- **Complies Fully With UK Water Regulations**



## Features

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

The 3P Top-Up Set manages the mains water top-up to a rain tank, so maintaining a minimum water level in your rainwater tank.

### Functions

The Level Probe senses tank water level. At low water level the solenoid valve opens. The top-up cycle continues until the water level covers the level probe and then continues for a further 1 minute. This avoids adding an unnecessary amount of water, but ensures enough is added to prevent excessive top-up cycles.

The Control Unit can optionally switch off a pump during the top-up cycle. Any pump of up to 10 amps can be connected to the front socket of the controller to use this feature. This function is useful where flow from the pump may be high as it will prevent dry-running.

Unlike electromechanical systems, microprocessor control ensures a reliable supply of water with safeguards against over-run in the event of a component failure.

The solenoid valve is maintained in serviceable condition by a brief intermittent activation (3 per week) even when a top-up is not needed.

If the top-up cycle exceeds 30 minutes, an alarm will show and the unit will halt operation until reset. This is vital to meet both water company requirements and avoid undue costs. A longer alarm delay and top-up dwell time can be set if necessary.

Includes 3P Tundish with unique integrated overflow to meet the requirements of 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.

Connect the Control Unit to mains power and optionally plug in a pump to the front panel.

## Items Included:

- 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).
- 3P 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
- The set provides maximum siting flexibility