

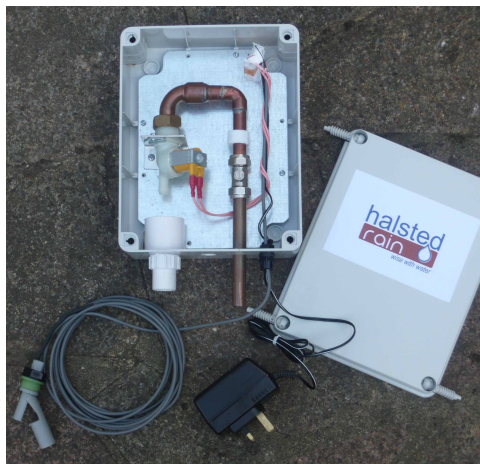
## Mains Water Top Up Valve for Rainwater Tanks

### Application

- Top up water supply control valve.
- The valve is designed to be connected to a mains water supply on a rainwater tank. It will provide a top up supply of water in the event of demand exceeding rain supply, whilst ensuring maximum rainwater storage for the next rainfall.
- If the rainwater level drops below a pre-set level, the valve will open to raise the water level 10 cm using mains water.

### Electrical Top Up Valve

This 'plug and play' product takes the complexity out of installing a solenoid valve and float switch activated mains water top up systems for rainwater harvesting.



- Plug in controls with 24v power supply
- No complex rewiring of float switches and solenoid valves
- Float switch externally mounted on the rainwater tank
- All parts including tundish contained in a sturdy insulated box
- Pressure reducing valve to regulate incoming mains

Follow these guidelines to install the top-up unit in the best location;

- Within a metre of a 230V AC RCD protected wall socket to connect the power supply plug
- Inside the building where it is protected from frost or freezing temperatures
- Accessible to a mains water supply
- Within 3 metres of the rainwater tank
- Above the top of the rainwater tank so that the mains water flows by gravity into the tank.

A component kit is also offered containing the recommended solenoid valve, float switch and tundish to self configure an electrical top up valve for connection to a 230v power supply.

## Mechanical Top Up Valve

To avoid the use of energy or when a power supply is not readily available, then this mechanical valve is an ideal top up unit. The valve is simple to install either inside or above the tank with the cord and operating weight hanging freely in the stored rainwater.

- Cold mains pressure water connection.
- Inlet 20mm 3/4" BSP male
- Minimum inlet pressure 55 kPa (8 P.S.I.).
- Maximum inlet pressure 1000 kPa (150 P.S.I.).
- Maximum water temperature 60°C.
- Supplied with inlet strainer.

Follow these guidelines to install the top-up unit and ensure proper operation.

- Do not restrict inlet water flow.
- Not to be modified.
- Valve must be installed horizontally.
- Overflow discharge must be visible.
- Overflow and air gap to comply with regulations.
- The minimum water level is easily set at any height during installation by adjusting the cord length.
- Cord must hang freely.



## About Halsted Rain

Halsted Rain is a supplier of urban rainwater harvesting solutions. We offer a range of products including tanks, filters, pumps and accessories specifically designed for above ground rainwater collection and utilisation systems that can be installed in a confined space. Our products are ideally suited for installation on domestic and light commercial property particularly as a retrofit solution.

### Contact Details

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