

Watercare 3000

Domestic Rainwater Harvesting
Enclosed Mains Water Top Up System



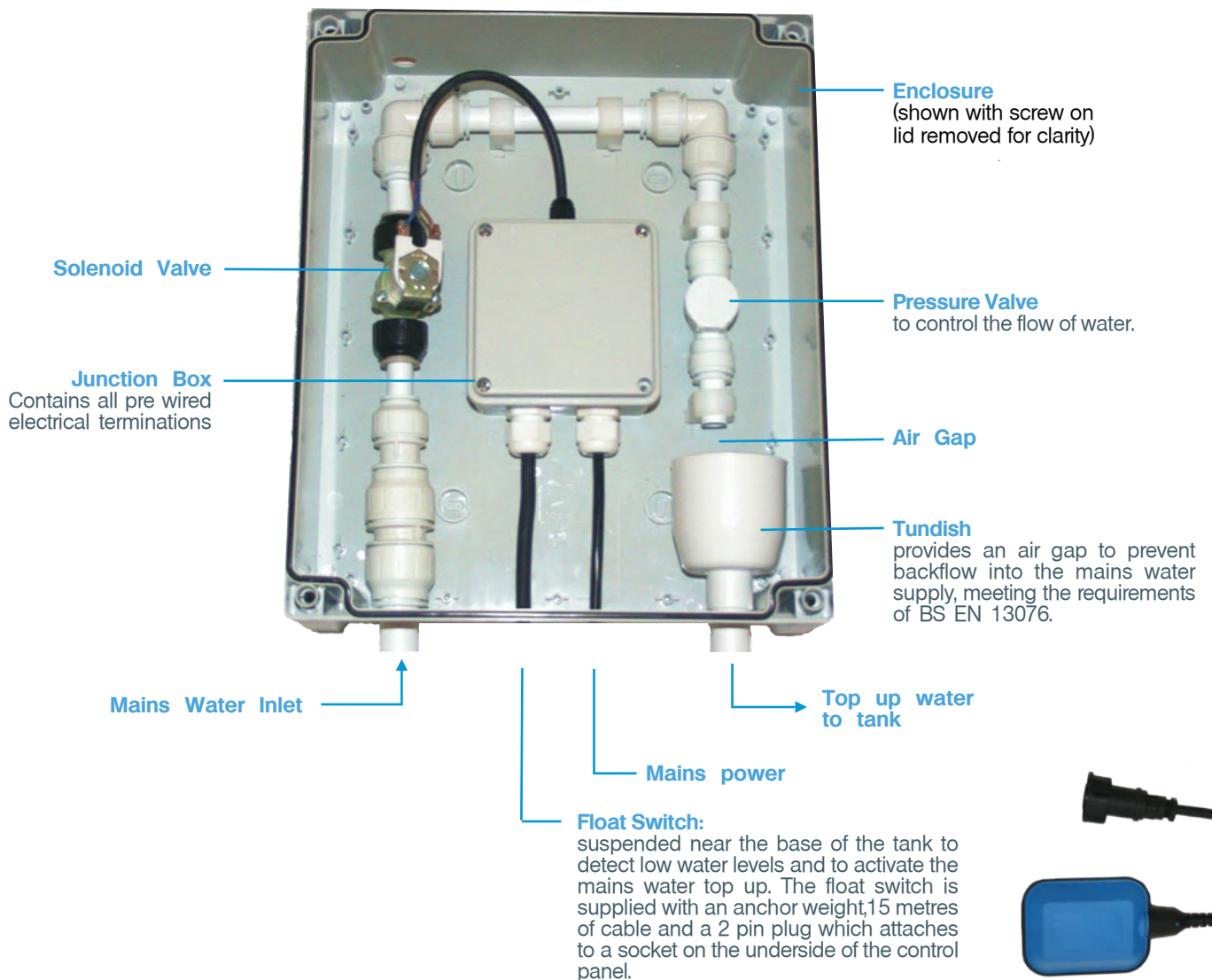
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DESCRIPTION

The Watercare 3000 Mains Water Top Up system is designed to ensure that your harvesting tank always has a continuous supply of water in order to keep all appliances functioning. This is achieved by installing a float switch inside the tank which is connected to the control unit. In the event that the tank runs dry, the float switch will drop and open the solenoid valve which allows mains water top up. When sufficient water has entered the tank, the float switch will rise and the solenoid valve will turn off the back up water supply. At this stage, the majority of the tank will be empty enough to receive the next rainfall.

In accordance with with UK Building Regulations, the Watercare 3000 incorporates an air gap where the mains water flows into the harvesting tank via. the tundish. This air gap prevents the possibility of rainwater flowing back into the mains water supply.

Self contained unit fitted inside an attractive enclosure.



Tel. 01274 510677

E-mail: info@orchardwatercare.co.uk

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General specification - Control Panel

Control Unit consists of:-

- Mains Water Inlet
- Mains water back-up solenoid valve
- Pressure valve (for monitoring water flow)
- Tundish
- Junction Box
- Water outlet with overflow

Technical specification - Control Panel

- Power supply: 240Vac, 50Hz
- Max. Liquid Temperature: 90° C
- Water connections: 19mm pipe
- Max. Pressure: 10Bar
- Material: ABS
- Degree of Protection: IP65
- Dimensions: 344 x 289 x 117mm

General specification - Float Switch

- Max. Contact Voltage: 250Vac
- Max. Contact Current: 15A
- Casing Material: Polypropylene
- External Length: 103mm
- External Width: 81mm
- Cable Material: CPE Synthetic Rubber
- Cable Length: 15 Metres
- Max. Operating Temperature: 70°C
- Specific Gravity: 0.9 to 1.3
- Max. Submerged Depth: 20 Metres

General specification - Solenoid Valve

- Coil Voltage: 12Vac or 230Vac, 50Hz
- Media Temperature: 90°C
- Ambient Temperature: +40°C
- Inlet Connection: 1/2" BSP
- Min. Operating Pressure: 0.2 Bar
- Max. Operating Pressure: 10 Bar
- Flow Rate: 1.7 cu.m/hour (1,700 litres/hour)



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This product has been approved as a suitable water saving device and added to the Government's water Technology List. Purchasers of this product may apply for a grant to help reduce their costs.

For further information, visit www.eca-water.gov.uk

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