

- Purifies Rain Water Using Nature's Sanitisers
- Ozone, Ultraviolet Light, Natural Filter Material
 & Activated Carbon No Chemicals
- Microprocessor Control No User Intervention





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Rainwater & Ozone

Rainwater is incredibly pure water and when properly harvested, is easily treated. Rainwater stagnates when it is stored; Ozone removes any odours and refreshes the water, leaving a fresh and pleasant tasting drinking water.

How it Works

As water is required by the house, the pump in the rainwater tank activates, pumping water through the Ozo-Pure™ unit for treatment. The water is first filtered through natural filter material where any contaminants are removed. Ozone is then added to the water. Ozone (O₃ made from the oxygen in water H₂O) is generated on the machine. Ozone is a broad spectrum sanitiser that treats bacteria and viruses and refreshes the water. After mixing and allowing contact time for the ozone and water, the ozonated water passes through a granular activated carbon and an instant-on ultraviolet light source. The carbon filter improves the taste, converts the Ozone (O₃) back to Oxygen (O₂), and gives a fresh, safe pleasant tasting drinking water. To maintain the quality of the water within the system during periods of low use, the Ozone will refresh the water occasionally, for a number of minutes. Periodically, the filters will automatically regenerate to clean themselves.

The OzoPure™ features automatic control; no user intervention is required.

Specifications - Ozo-Pure 30 & 50

<u>Controls</u>: Electrical control unit with MicroPLC, HMI digital display, on/off switch, system status, alarm indicator

<u>Inlet filter</u>: High efficiency polypropylene filter vessel, Clack[®] automatic filter valve, Natural filter material. Cleaning frequency adjustable 1 to 28 days

<u>Outlet filter</u>: High efficiency polypropylene filter vessel, Clack[®] automatic filter valve, granular activated carbon filter material. Cleaning frequency adjustable 1 to 28 days

Ozone: Electrolytic PEM generation, fully

automatic

Pipework: uPVC

UV: Instant on UV sanitiser

<u>Cabinet</u>: Mild steel epoxy-polyester powder

coated RAL 7035

Connections: 30: Inlet/Outlet: 3/4" BSP M

50: Inlet/Outlet: 1" M

Drain DN40mm to waste

Size: 30: 60cm W x 40cm D x 140cm H

50: 80cm W x 40cm D x 140cm H

Power: 240V / Single Phase / 50Hz

Max. Flow Rate: 30 LPM (Other sizes available: 50 LPM, 80 LPM, 120 LPM & Bespoke)



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