

## Aquawiser Domestic Direct Grey Water System

System suitable for usage in residential developments - £2,495 ex VAT

### Application

### System Schematic and Pump Details

- Collects, filters, disinfects and stores grey water collected from showers, baths and hand basins.
- Supplies water for WC flushing.
- Carbon filter included to allow reuse for irrigation.
- Complete domestic grey water recycling solution supplied ready for installation.
- Underground storage tank with a small above ground control unit, mains water top-up (to be mounted in a utility area) and a carbon filter.

### Benefits

- Small footprint – ideal when space is limited.
- Cost effective Code for Sustainable Homes points.
- Up to 50% savings on water bills.
- Reduced environmental impact.
- Continuity of water supply via integrated mains water top up system.
- Packaged system for easy installation.
- Internal pre-filter and bromine disinfection system reduces excavation footprint.
- Low maintenance and running costs.
- Full installation, operation and maintenance instructions and technical support from Aquaco.



AMCU

Aquaco Master Control Unit



Underground Tank

Submersible Pump



Carbon Filter

### Product description

The Aquawiser grey water recycling system consists of two main components:

**Underground Tank with Pre-Filter** – grey water enters the storage tank via the integral pre-filter. The tank contains a unique fully adjustable bromine disinfection chamber. A submersible pressure pump within this tank pumps water to the point of use.

**Aquaco Master Control Unit (AMCU)** – the high performance control unit is located inside the building and controls the operation of the grey water system. The unit is also fitted with a mains water top up system ensuring the tank is never empty and allowing continuity of supply to the property. If required, the system can be manually switched to mains water.

**Carbon Filter** – Carbon impregnated cellulose filter. This is the final stage of filtration and removes any fine particulates and turbidity. The unit uses a simple cartridge insert for easy replacement and a spare insert is shipped with each Aquawiser.

The complete system for the home consists of connection ready pre-installed components for easy installation saving time and money.

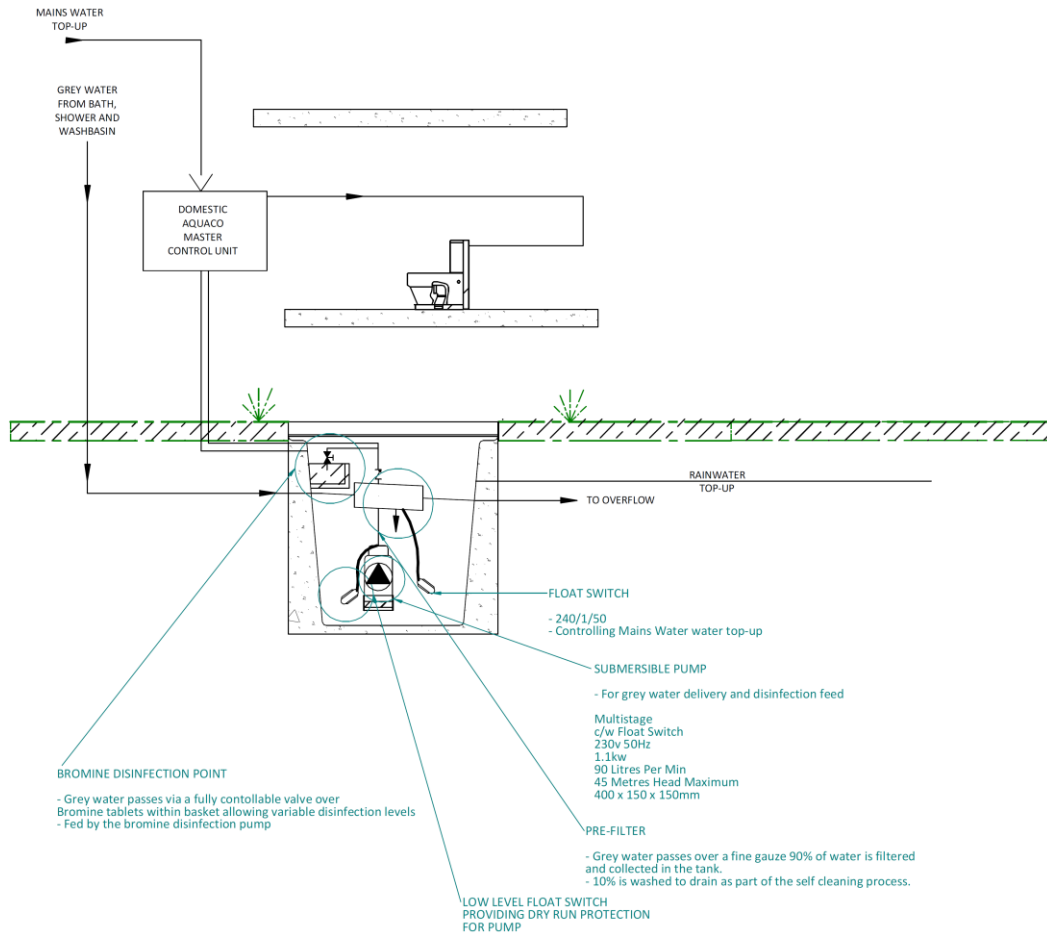
### Technical specification

- System suitable for usage in domestic settings.
- All components are compact and modular.
- Integrated, automatic mains water top up system.
- 210 litre underground tank. Dimensions: 600 x 600 x 850mm.
- Storage tank fitted with pre-filter and bromine regulation system.
- 90 Litres Per Min
- 45 Metres Head Maximum
- 1.1kw
- Entire system runs on 240v/50Hz power supply.
- Includes 12 month warranty.
- Carbon Filter – Inlet and outlet both ¾" NPTF
- Carbon Filter Dimensions: 571mm (height), Ø92mm
- Carbon Filter Micron Rating: 5µm – Cartridge Length 20"

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Pump Curve

