



Aquawiser Domestic Direct Grey Water System

System suitable for usage in residential developments - £2,250 ex VAT

Application

- 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.



Underground Tank



AMCU



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

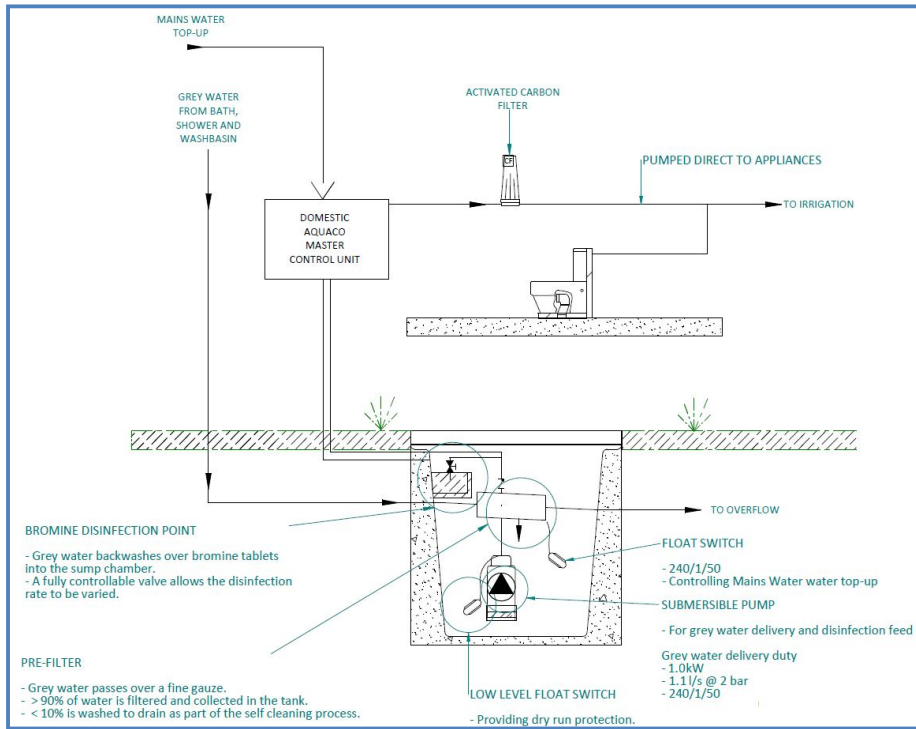
- System suitable for usage in domestic settings.
- All components are compact and modular.
- Integrated, automatic mains water top up system.
- 210 litre underground tank. Dimensions: 600 x 600 x 850mm.
- Storage tank fitted with pre-filter and bromine regulation system.
- Submersible pump with dry run protection.
- Max pumping head: 40m.
- Max pump discharge: 92 litres/min.
- Entire system runs on 240v/50Hz power supply.
- Includes 12 month warranty.
- Carbon Filter – Inlet and outlet both 3/4" NPTF
- Carbon Filter Dimensions: 571mm (height), Ø92mm
- Carbon Filter Micron Rating: 5µm – Cartridge Length 20"



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System Schematic and Pump Details



Pump Curve

