



Aquawiser Domestic Indirect Grey Water System

System suitable for usage in residential developments - £1,995 ex VAT

Application

- Collects, filters, disinfects and stores grey water collected from showers, baths and hand basins.
- Supplies water for WC flushing.
- Complete domestic grey water recycling solution supplied ready for installation.
- Underground storage tank with carbon filter and a header tank for gravity distribution and mains water top-up.

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.

Product description

The *Aquawiser* GW210 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 header tank.

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*.

Header Tank – a low level float switch in the header tank calls the processed grey water from the underground storage as required. If there is insufficient processed grey water available, a second low level float switch operates the mains water top-up via a suitable air gap.

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



Underground Tank



Submersible Pump



91 Litre Header Tank



Carbon Filter

Technical specification

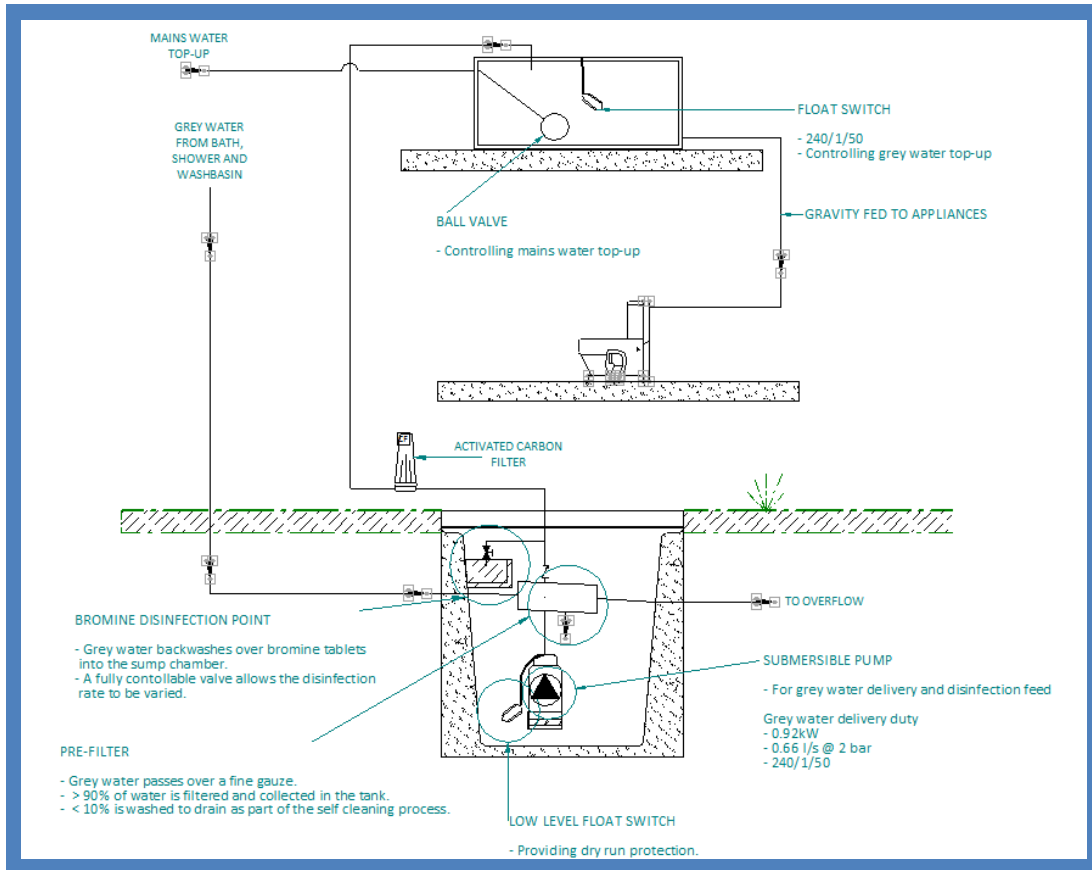
- System suitable for usage in domestic settings.
- All components are compact and modular.
- Integrated, automatic mains water top up system.
- 210 litre underground tank. Dimensions: 600 x 600 x 850mm.
- 91 litre header tank. Dimensions: 615 x 380 x 590mm.
- Storage tank fitted with pre-filter and bromine regulation system.
- Submersible pump with dry run protection.
- Max pumping head 40m.
- Max pump discharge 0.83 litres/sec.
- 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"



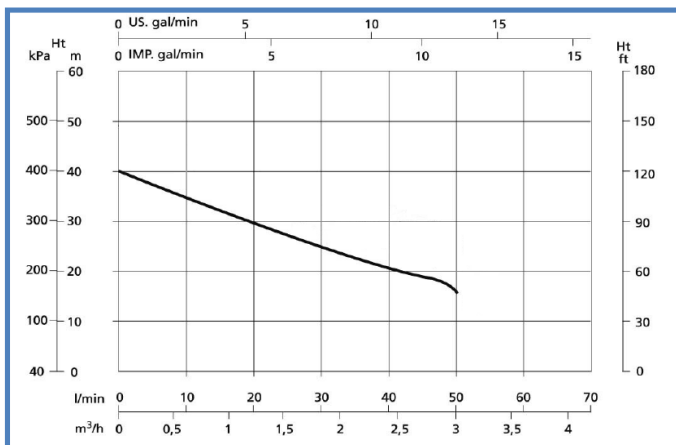
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System Schematic and Pump Details



Pump Curve



Efficiency

