



RAINWATER HARVESTING

WISY MULTIMAT SYSTEM

- Complete rainwater harvesting package
- Reliable pressure pumping
- Automatic mains water top-up directly to the rainwater tank
- Innovative design with pump power supply and level control through one common cable
- Simple connections for rapid installation
- Suitable for use with almost any storage tank.



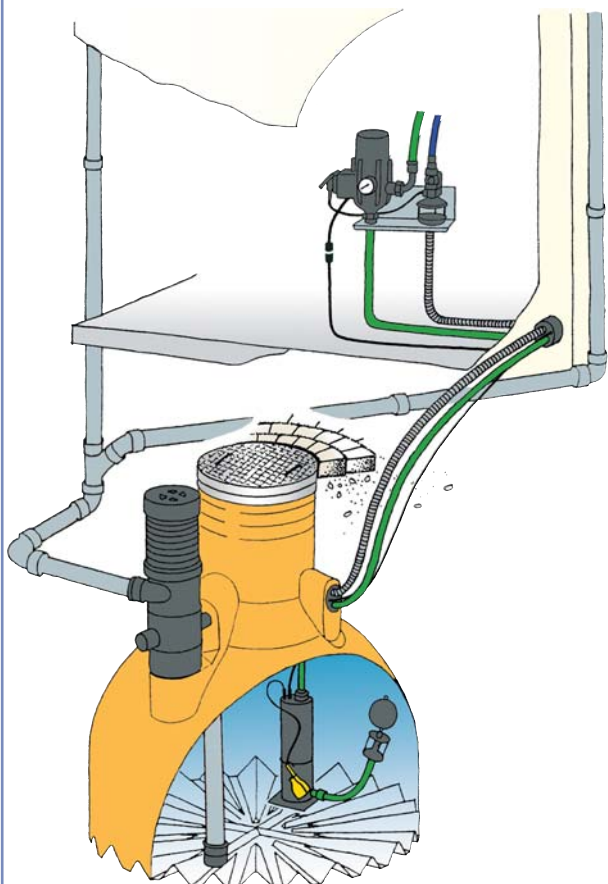
The Wisy Multimatt system includes:

Components to be fitted in the house

- Controlmatic flow controller; automatically switches pump on and off as required. Complete with pressure gauge.
- Mains water make-up assembly with solenoid valve and tundish to conform to UK water regulations.
- Stainless steel mounting bracket for wall fixing.
- Stainless steel flexible braided hoses for pumped supply and mains water connection.

Components to be fitted in the rainwater tank

- Multigo 40/08 multi-stage submersible pump. Maximum flow 80 l/m, maximum head 47m
- Floating fine suction filter; extracts water from the cleanest part of the tank.
- Pre-fitted and adjusted float switch to control mains water back-up supply.



Multimat system shown here with Wisy polyethylene rainwater tank.



WISY MULTIMAT RAINWATER HARVESTING SYSTEM

System components

The *Multimat* system is a complete rainwater harvesting package for domestic and small commercial use. It includes a main control unit to be housed within the building (e.g. utility room) and a submersible pump assembly to be located within the rainwater storage tank.



- The control unit consists of a pump controller and a mains water top-up device, both fitted to a stainless steel mounting bracket. The unit is fitted with a standard 3-core flex for connection to a power supply and is the only power connection that the system requires.

- The controller responds to any demand for water from an appliance (e.g. WC flush) and switches the pump on and off automatically when required. It is fitted with a pressure gauge and electrical socket for the lead from the solenoid valve. It also has a 5-core cable and waterproof connector to join with the cable from the pump.

- The mains water top-up device consists of a solenoid valve and stainless steel tundish to provide the type AA air gap required by the water regulations. The solenoid valve is activated by the float switch that is attached to the pump to provide the mains water backup supply at low level in the rainwater tank; thus giving a continuous supply should the stored rainwater be depleted.

- The submersible pump is a high quality multi-stage stainless steel unit giving a reliable supply at similar to mains pressure. The 22cm square baseplate provides great stability.

- A special float switch is attached to the pump. This operates when the water level in the tank becomes too low, and activates the solenoid valve on the top-up unit to deliver a small volume of mains water into the tank, sufficient to raise the water level by approximately 9cm. The pump is supplied with 15 metres of 5-core cable fitted with a waterproof connector to join with the cable from the controller.

- Also supplied is a floating suction filter equipped with 75cm flexible suction hose. This attached directly to the inlet port at the base of the pump. This allows the pump to extract water from below the surface without disturbing any sediment that may accumulate at the base of the tank.

NB continuous development may necessitate change in these details without notice E&OE



RAINHARVESTING · SYSTEMS

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