



Water & Sewage
Pumping and

The Pump People.

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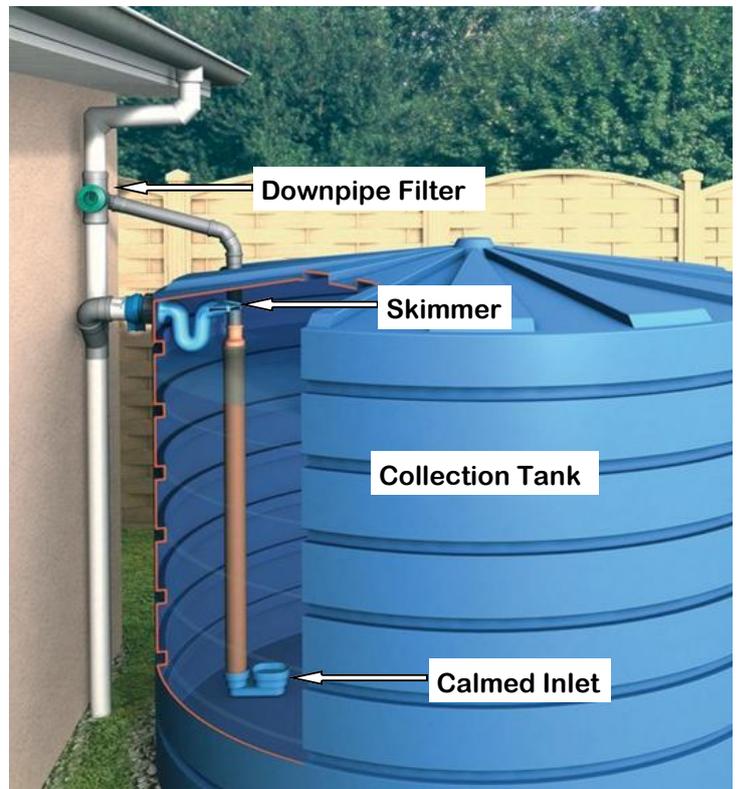
Rainwater Harvesting

Rainwater harvesting is a wonderful way to use this precious water resource which would otherwise be wasted - and it's free!

The average rainfall in the U.K. is over one metre per year.

The uses of an alternative water supply to costly "mains" are for car washing, garden watering, toilet flushing and many more.

The most costly item in any scheme is the collection tank. This should be as large as possible especially if garden watering is one item you value. This stored this water effectively rises in value when a "hose pipe ban" is enforced on "mains" users. Storage tanks above ground are cheaper than underground tanks as well as being much easier to install. See our sample price list later in this leaflet.



Roofs are the ideal first stage in collecting rainwater, but it should be remembered the rain has passed through our atmosphere and has

collected dust and other particles on the way down, as well as debris from the roof. We offer many pre-tank filters such as the Downpipe

Filter that is designed to remove the larger debris such as moss, leaves & twigs from the water before entering the tank via a Calmed Inlet. The calmed inlet allows the water to enter the tank without creating turbulence so the smaller debris particles in the bottom of the tank remain settled. A skimmer should be fitted to the tank as an overflow and to remove any floating debris, this water can then return to your existing drainage system.

Rainwater Harvesting Accessories



Downpipe Filter. Available in brown, grey, black & white to suit existing guttering. Each filter can handle 40 sq. metres of roof.



Calmed Inlet. Positioned on the base of the storage tank and keeps turbulence to a minimum.



Overflow and Skimmer. Skims off the floating debris by offering a large area and also acts as an overflow for the storage tank.

Sinus Filter. Fitted inside the storage tank if downpipe filters cannot be used. Can cope



Floating Footvalve. Can be fitted on the suction pipe of pumps to draw water from below the surface keeping the debris at the bottom out of



Mains Water Top Up Set. The Level Probe senses tank water level. At low water level the solenoid valve opens. The Control Unit switches a connected pump (not included) on and off, to save it from running dry. The Control Unit prevents the solenoid valve blocking, by testing it periodically (3 per wk).

The Control Unit alarms, shutting the solenoid valve, if the solenoid is open for over 30 minutes, due to a leak either in the tank or its' feeder pipe. This is vital to meet both water company requirements and save water.



Water Filling Tundish. Part of a do-it-yourself "mains"

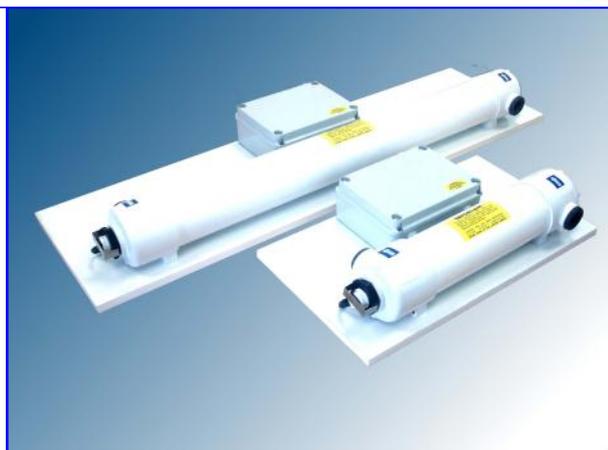
DEBRIS FILTRATION

For the removal of sand and other fine particles using the individual, hygienically wrapped, disposable filters inside the housing (right). Designed for the filtration of water prior to using rain water systems, horticultural irrigation schemes and other



ULTRA VIOLET DISINFECTION

- No chemicals added to water.
- Cannot be overdosed.
- Low running costs.
- Ease of installation.
- Ease of maintenance.



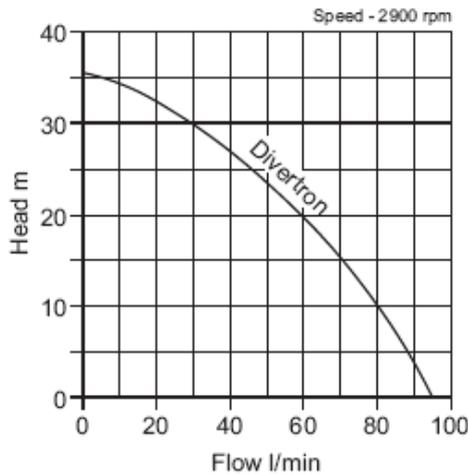
Pumps

Divertron Automatic Submersible Pump

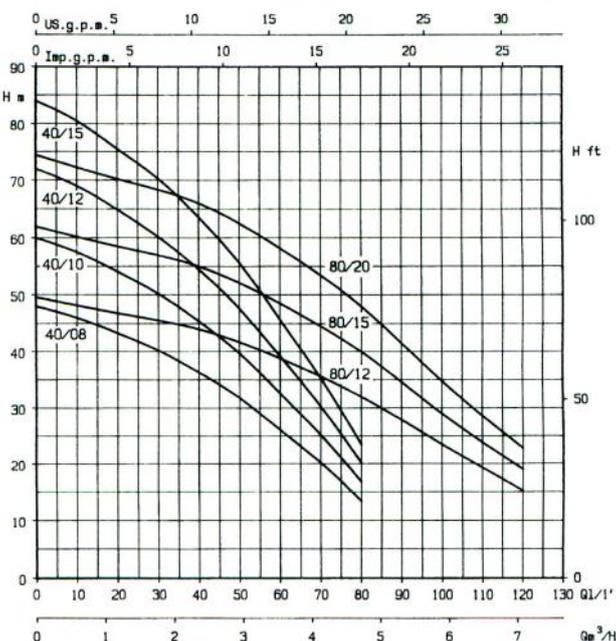


The **Divertron** is a multi-stage pump with integral electronics for high head use in domestic and industrial applications. This unique product is programmed to start and stop automatically when a valve or tap is opened or closed, while another programme will stop the pump automatically in the event of dry running thus protecting it from damage. It can be used with tap or a nozzle making it ideal for sprinkling and washing applications. It has a stainless steel shaft which is fitted with a lip seal. It has an integral starting capacitor, a non-return valve and is supplied with 15 metres of H07RN-F submersible rubber power cable.

- 25mm (1") outlet
 - automatic
 - medium head
 - 230 volts
- ✓ Irrigation
 - ✓ Potable water
 - ✓ Transfer



Idrogo 5" Submersible Pump



Pressure Sets

An extensive range of pressure sets can be assembled to meet the needs of individual



This is only part of the very extensive range of pumps and various control systems carried in-stock by Amos Pumps

The Idrogo range of multi-stage submersible pumps have the liquid end located under the motor allowing the motor to be cooled by pumped liquid. A float switch is incorporated with the motor enabling the pump to automatically switch off when the storage tank is empty.



Examples of Rainwater Storage Reservoirs



**220 Gallons or
1200 litres Capacity**

Height 1.3 metres or 4'3"
Diameter 1.14 metres or 3'9"



**300 Gallons or
1350 litres Capacity**

**Height 1.28 metres or
4'2"**
**Diameter 1.22 metres
or 4'**



**440 Gallons or
2000 litres Capacity**

**Height 1.5 metres or
4'11"**
**Diameter 1.41 metres
or 4'8"**



**670 Gallons or
3050 litres Capacity**

**Height 1.81 metres or
5'11"**
**Diameter 1.7 metres
or 5'7"**



**1200 Gallons or
5500 litres Capacity**

**Height 2.2 metres or
7'3"**
**Diameter 1.85 me-
tres or 6'1"**

**Using rainwater to
keep our green
spaces, greener.**

**Below ground tanks also available, details on request.
Ask prices with our sales office before ordering.**

Visit our website for details of our full range of pumps and accessories.