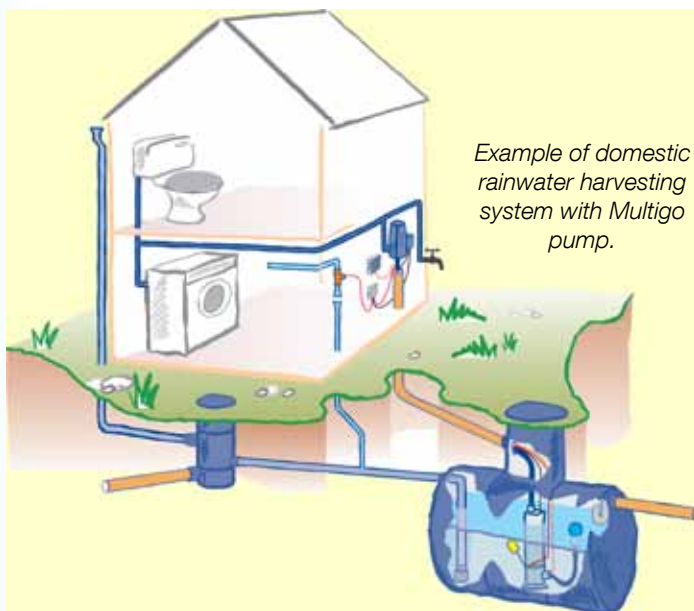


MULTIGO PRESSURE PUMPS

- ◆ Normal suction, multi-stage
- ◆ Submersible to 20m depth
- ◆ Water-cooled motor
- ◆ Stainless steel housing in AISI 304
- ◆ 1 1/4" bsp inlet and outlet
- ◆ 20m pre-fitted cable
- ◆ IP58 protection class
- ◆ Virtually silent
- ◆ Wide range of models available, both 1 & 3-ph.
- ◆ Rubber mounts for stability & anti-vibration
- ◆ Rot-proof lifting rope with stainless steel spring clip
- ◆ Can be fitted with fixed or floating suction filters



Multigo Series pumps can be used in a wide range of applications. Vertical multi-stage centrifugal units, they can be used as either submersible or surface pumps. The asynchronous 2-pole motor is cooled by the water being pumped, and double mechanical seals ensure long working life. Their excellent output characteristics makes the range particularly suitable for rainwater harvesting, and also for irrigation work, water features, and for pressure boosting in domestic and commercial situations. They are also excellent well pumps.



Example of domestic rainwater harvesting system with Multigo pump.

Suction filters

The use of fixed or floating suction filters are recommended with Multigo pumps for most applications. The suction filter fits to the 1 1/4" inlet; it protects the pump from drawing in any particles and improves the reliability of the installation. Standard models with or without non-return valves are designed for use with 1" suction hose. Larger models are also available for use with higher flow pumps. **For further details please see separate data sheet.**



Flexible System Design

Our comprehensive range of specialist items has been developed specifically for rainwater harvesting systems. Because our range consists of separate components, it has exceptional flexibility.

We stock equipment suitable for almost any system design, whether you're planning a system for a small house or a large housing development.

A wealth of experience

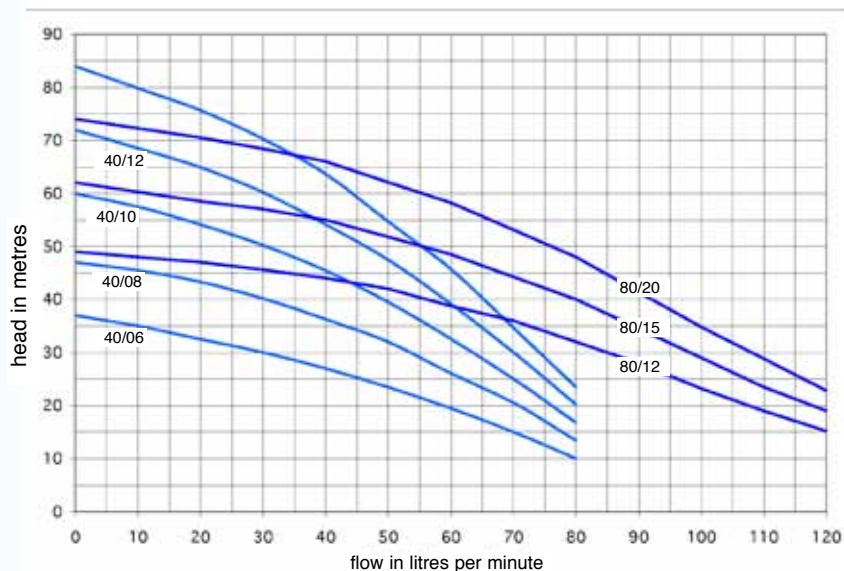
We have been supplying rainwater harvesting systems throughout the UK since 1995 and have accumulated vast experience in this specialist field. With our large stocks of equipment and our excellent technical expertise, we offer an unrivalled level of service to our clients.



We are founder members of the UK Rainwater Management Association.



We are the UK's sole agent and distributor of Wisy products for rainwater utilisation.



Multigo pump data

Output curves at: 2800 rpm
Water Temp: 20 deg. C
Output: ISO 2548

DIMENSIONS & WEIGHTS

Data for all models is given without pump connections.

Width: 150mm
Height: from 565 to 650mm
Depth: 170 mm
Weights: from 13.4 to 17.1kg

IMPORTANT

The pump should be protected with a 16 A fuse and isolating switch.

Model no.	P1 kW	P2 kW	Absorbed current (A)		Max head (m)	Pumping output in;							
						l/min	20	30	40	60	80	100	120
			1-Ph	3-Ph		cu.m/Hr.	1.4	1.8	2.4	3.6	4.8	6.0	7.2
40/06	0.80	0.45	3.4	n/a	37	With a pumping height of (m)	32.5	30.0	27.0	19.5	10.0		
40/08	1.00	0.60	4.3	1.9	47		43.3	40.2	36.3	26.1	13.4		
40/10	1.25	0.75	5.7	2.2	60		54.1	50.2	45.4	32.6	16.8		
40/12	1.42	0.90	6.8	2.4	72		64.9	60.2	54.5	39.2	20.2		
40/15	1.80	1.10	7.3	3.0	84		75.7	70.3	63.6	45.7	23.5		
80/12	1.33	0.90	6.4	2.3	49		47.0	45.6	44.0	38.8	32.0	23.2	15.2
80/15	1.80	1.10	7.5	3.1	62			57.0	55.0	48.5	40.0	28.0	19.0
80/20	2.50	1.50		3.5	74			68.4	66.0	58.2	48.0	34.8	22.8

PUMP CONTROL OPTIONS

A Multigo pump requires a means of control so that it switches on and off automatically. This can be done with a conventional control panel, or using a proprietary automatic switch device.

However, such units require a constant power supply in order that they can switch the pump on as soon as water is required. Hence they have a standby power consumption; this can be up to 15W per hour (or 131 kW per year!). Our Zeta 02 unit has been specially developed to address this problem and uses only 0.2W. Given that the unit remains in standby mode for most of the time, this adds up to a significant saving. The result is that the unit can pay for itself in as little as 7 years, and save up to 70kg in CO₂ emissions.

Alternatively pumps can be supplied with inverter drive controllers for variable speed operation, reducing energy consumption and providing improved efficiency.



*Zeta 02
Ultra low energy pump controller; uses only 0.2W of power in standby mode. Other controllers of this type use 8W - 15W continuously*



*Sirio Inverter Drive
Variable speed pump controller*

RAINHARVESTING SYSTEMS Ltd.



BISLEY, GLOS.

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