



## RAINWATER HARVESTING

# MULTIGO PRESSURE PUMPS

- normal suction, multiple-stage
- submersible up to 20m depth
- motor cooled by water flow between outer and motor housings
- all housing parts stainless-steel CrNi 1.4301
- 1.25 inch suction and pressure connections
- 20 m connecting cable
- carrying strap with spring hook
- Protection Class IP 58, Operation type: permanent connection, internal condensator
- rubber feet for stability and vibration reduction
- 3 m rot-proof lifting cord with stainless steel spring clip
- low-noise
- can be fitted with floating or fixed suction filters



Multigo pump fitted with SAFF floating suction filter

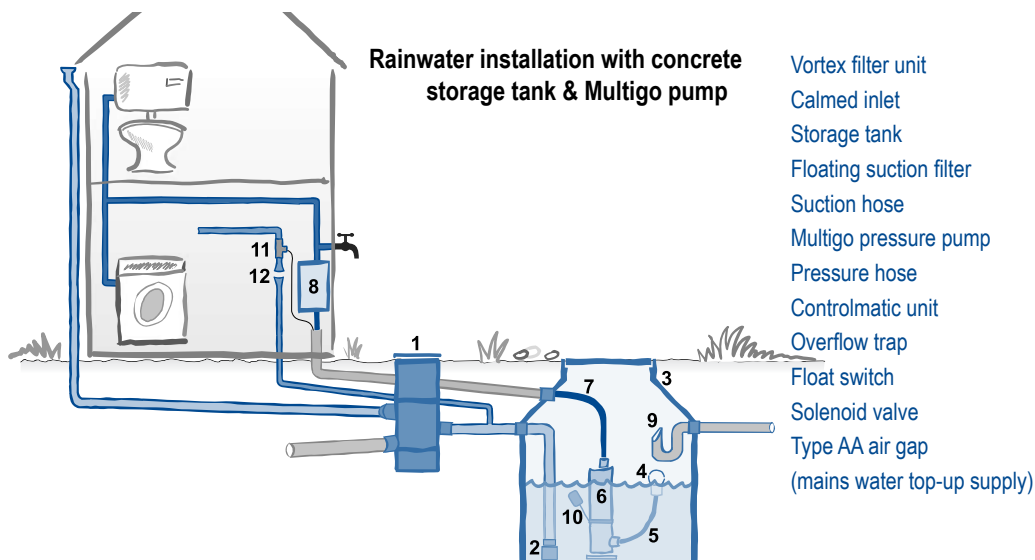


...with FAFF fixed suction filter

Multigo Series pumps satisfy many demands. The excellent output characteristics often makes the use of expensive double-pump installations for high water demand unnecessary.

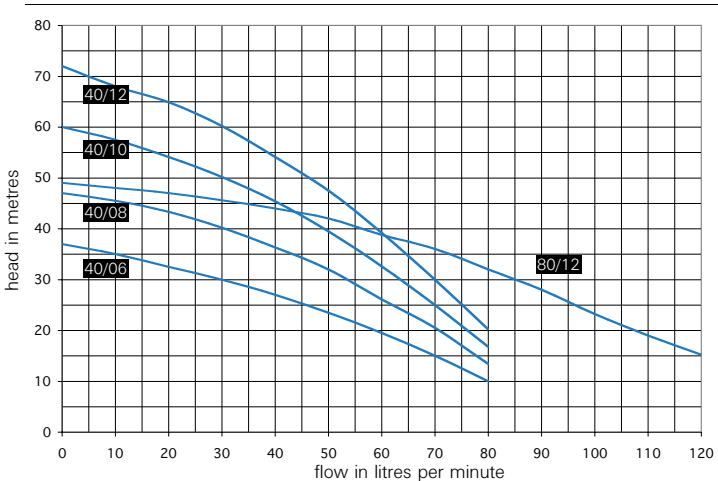
The use of fixed or floating fine suction filters with Multigo pumps are recommended. These are stainless steel units, the floating type being fitted with a polyethylene ball float. The suction

filter (separate data sheet available) 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.



## MULTIGO OUTPUT DATA

Multigo	P1 Input (kW)	P2 Output (kW)	Average current (A)	Maximum pumping height (m)	Pumping output in							
					l/min	20	30	40	60	80	100	120
					cu.m/h	1.4	1.8	2.4	3.6	4.8	6.0	7.2
40/06	0.80	0.45	3.4	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	47		43.3	40.2	36.3	26.1	13.4		
80/12	1.33	0.90	6.4	49		47.0	45.6	44.0	38.8	32.0	23.2	15.2
40/10	1.25	0.75	5.7	60		54.1	50.2	45.4	32.6	16.8		
40/12	1.42	0.90	6.8	72		64.9	60.2	54.5	39.2	20.2		



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

### DIMENSIONS & WEIGHTS

Data for all models is given without pump connections or Controlmatic switch

Width: 150mm  
 Height: from 565 to 650mm  
 Depth: 170 mm  
 Weights: from 15.0 to 17.1kg

### IMPORTANT

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

### CONTROLMATIC FLOW CONTROLLER

Multigo pumps are normally used with a flow controller, such as the 'Controlmatic' unit. This device automatically controls the pump by switching it on and off as required.

#### FEATURES INCLUDE:

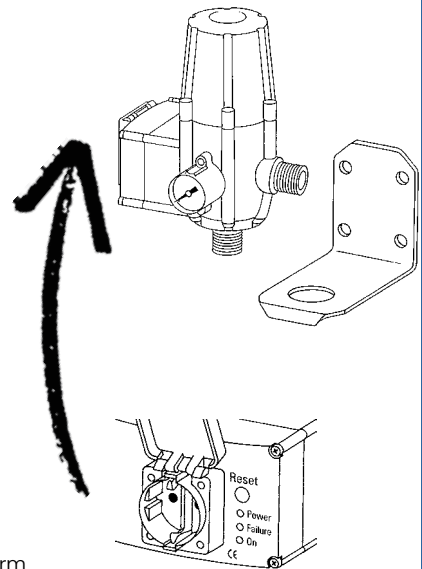
- integral dry-running protection
- integral non-return valve
- stainless steel wall bracket
- pressure gauge
- socket to accept the power lead from a Multigo pump

#### SPECIFICATIONS

Power supply:	230v	Starting pressure:	1.5 bar
Protection class:	IP44	Max. water temp:	60°C
Max. current:	10A	Max. flow:	10 m <sup>3</sup> /hr
Max. working pressure:	10 bar	Connections:	1" bsp
		Dimensions (cm):	16 x 17 x 23h

### OTHER PUMP CONTROL OPTIONS

When pumps are used in an indirect system, they are normally supplied with a single or dual pump control panel. These units can accept signals from float switches or pressure switches and have an integral fault indicator as well as volt-free contacts for an external alarm. These control panels can be integrated into a Building Management System.



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



RAINHARVESTING SYSTEMS

### Rainharvesting Systems Ltd.

The Green Shop  
 Cheltenham Road, Bisley,  
 Stroud, Gloucestershire GL6 7BX  
 Tel: 0845 223 5430  
 Fax: 01452 772008  
 E-mail: sales@rainharvesting.co.uk  
 Website: www.rainharvesting.co.uk

Distributor: