

MINIPRESS & PRESSCONTROL

AUTOMATIC CONTROLLER

PUMP ACCESSORY



PC1100



FEATURES & BENEFITS

Operates the pump in accordance with demand.

Loss of prime protection prevents the pump from running dry.

Preset controls means a maintenance free design.

Compact design.

Pre-wired 'plug and play' allows for easy installation.

Anti-cycling as Presscontrol keeps pump running down to 0.6 lpm.

Inbuilt check valve.

Clear and simple display / operator panel.

APPLICATIONS

- Domestic pressure system.
- Irrigation and garden water supply.
- Water transfer.

UNIT INFORMATION

Intelligent mix of hydraulic and electronic engineering placed in a control that monitors both pressure and flow to control the pump automatically. Dry-run protection provided through the detection of no flow.

OPERATING CONDITIONS

Suitable for use where pumping clean non-aggressive liquids without solids or fibres in suspension.

Fluid:	Water.
Maximum water temperature:	65°C.*
Minimum water temperature:	1°C.
Maximum ambient temperature:	40°C.
Maximum working pressure:	1000kPa.

CONSTRUCTION MATERIALS

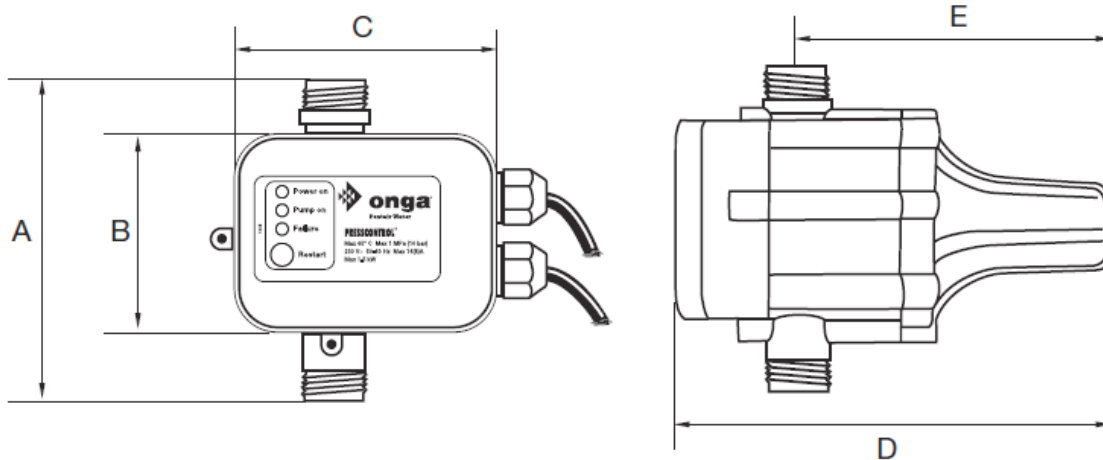
Component	Material
Housing	Glass filled Polyamide
Diaphragm	EPDM
Spring	Steel c72 UNI 3545
Flow valve	Brass OT 58 UNI 5705/65
Check valve	Glass filled Polyamide
Control box	Self extinguishing thermoplastic resin V0
Printed circuit	Vetronite

TECHNICAL DATA

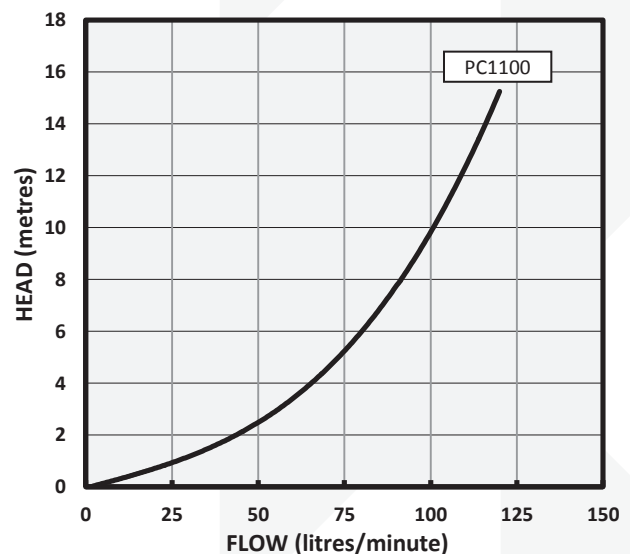
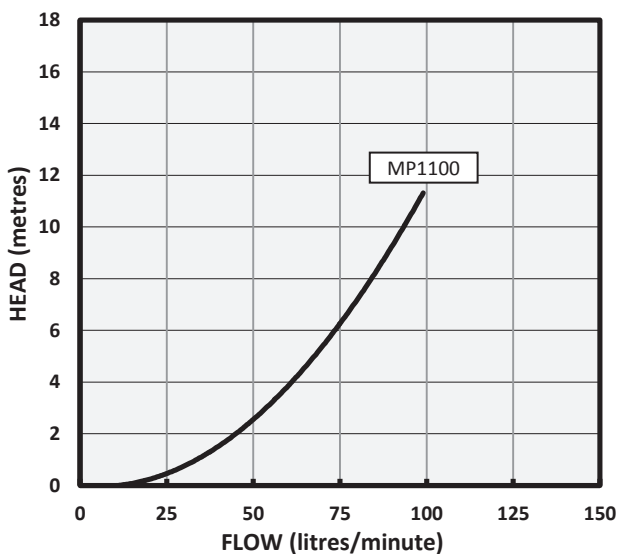
Type	P/No.	Voltage ± 10%	Frequency Hz	Max. current	Max. power kW	IP rating	Max. operating temp.	Max. operating pressure	Controller inlet	Controller outlet	Cut-in pressure
MP1100	707373	230	50-60	6	1.1	IP65	60°C	1000 kPa	1" BSP (male)	1" BSP (male)	150 kPa
PC1100	110680	230	50-60	8	1.5	IP65	65°C	1000 kPa	1" BSP (male)	1" BSP (male)	150 kPa
PC1100X2.2	110690	230	50-60	8	1.5	IP65	65°C	1000 kPa	1" BSP (male)	1" BSP (male)	220 kPa

DIMENSIONS

Type	A	B	C	D	E	Weight approx.	Packed L x W x H	Packed weight
MP1100	150 mm	98 mm	128 mm	195 mm	135 mm	0.9kg	200 x 155 x 170 mm	1.2 kg
PC1100	165 mm	95 mm	130 mm	225 mm	165 mm	1.4kg	230 x 170 x 180 mm	1.6 kg
PC1100X2.2	165 mm	95 mm	130 mm	225 mm	165 mm	1.4kg	245 x 180 x 200 mm	-kg



PRESSURE LOSS CURVES



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