



3
YEARS
GUARANTEE

MAGI 2



Energy-saving, electronic circulation pumps that meet the requirements of energy class A pumps.

The energy efficiency index or rate of MAGI series pumps is:

$$EEI \leq 0,23$$

which, in accordance with Commission Regulation (EU) No. 622 / 2012, is a reference criterion for: the most energy-efficient circulation pumps.

The MAGI series circulation pump is equipped with a permanent magnet motor and a differential pressure controller that automatically and continuously adjusts the pump capacity to meet the actual needs of the system. The pump control panel is located on top of the motor for ease of use by the user. Its dial shows the current electricity consumption. The set with the pump includes a set of unions with an adapter for connecting the cable.

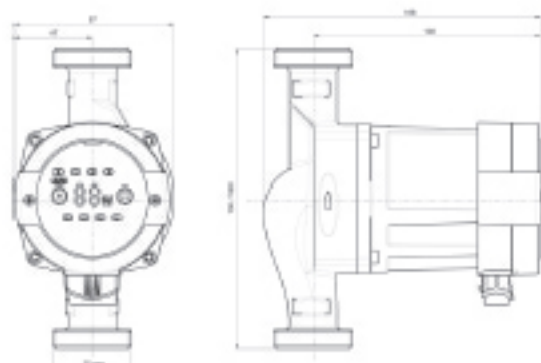
The pump has 8 operating modes:

- AUTO (factory setting) – Highest to lowest proportional pressure curve
- LPP / HPP – proportional pressure curves
- LCP / HCP – constant pressure curves
- I / II / III – curves of constant rotational speed.

Application:

The MAGI series circulation pump is best suited for the following systems:

- Constant temperature variable flow heating system
- Variable pipe temperature heating system
- Heating system with night mode
- Air conditioning system
- Industrial circulation system
- Domestic central heating system and domestic DHW system



SPECIFICATIONS		
Electrical supply	1~230 V +6%/-10%, 50 Hz	
Motor protection	No need for extra motor protection	
Ingress Protection Code	IP 44	
Insulation class	H	
Maximum ambient relative humidity	≤ 95%	
Maximum pressure in the central heating system	1 MPa	
Minimum inlet suction pressure depending on heating medium temperature	Medium temperature	
	≤ 85°C	0,005 MPa
	≤ 90°C	0,028 MPa
	≤ 110°C	0,100 MPa
EMC compliance	EN61000-6-1; EN61000-6-3	
Running pump sound pressure	43 dB (A)	
Allowable ambient temperature	0-40°C	
Maximum heating medium temperature	≤ 115°C	
Maximum heat of pump surface	2-110°C	
Fluid temperature range	2~+110°C	

Model	Operation mode (x1)	Head (m)	Flow (l/min)	Motor power (W)	Connector diameter (inch)	Connector spacing (mm)	Dimensions						
							L1	L2	B1	B2	H1	H2	G
MAGI 2 25-40/180	8	4	50	5-22	1½ / 1	180	90	180	52	99	129	169	1½"
MAGI 2 25-60/130	8	6	55	5-45	1½ / 1	130	65	130	52	99	129	169	1½"
MAGI 2 25-60/180						180	90	180	52	99	129	169	
MAGI 2 25-80/180	8	8	90	5-70	1½ / 1 2 / 1¼	180	90	180	52	99	129	169	1¼"
MAGI 2 32-80/180											2"		