

MAGI-H

Energy-saving electronic circulation pumps
with A energy-efficiency rating.



Energy Efficiency Index for MAGI-H pumps is

EEI ≤ 0,23

The MAGI circulating pump is equipped with a permanent magnet motor and a pressure differences regulator for automatic and continuous pump capacity adjustment to the actual requirements of the system. The pump control panel is located on top of the motor for easier operation by the user. Current power consumption is displayed on its panel. The pump is supplied with union joints and cable adapter

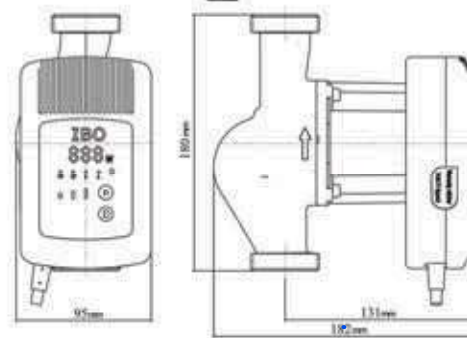
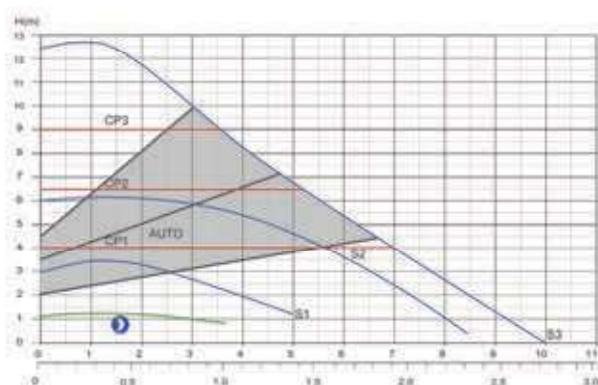
The pump provides 12 operating modes:

- **AUTO (factory setting)**
 - From highest to lowest proportional pressure characteristic curve
- **I / II / III**
 - Constant rotational speed curves
- **PP1/PP2/PP3/PP4**
 - Proportional pressure curves
- **CP1/CP2/CP3/CP4**
 - Constant pressure curves.

APPLICATION:

MAGI-H circulation pump is intended 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 hot water system.



TECHNICAL DATA

Supply voltage	1×230V +6%/-10%, 50Hz	
Motor protection	No additional motor protection is required	
Ingress Protection	IP 42	
Insulation class	H	
Maximum ambient relative humidity	≤ 95%	
Maximum central heating system pressure	1 Mpa	
Maximum suction-side inflow pressure depending on the heating medium temperature	≤ 75 °C	0.005 MPa
	≤ 90 °C	0.028 MPa
	≤ 110 °C	0.100 MPa
Compliance with the EMC standard	EN61000-4-4	
Operating pump sound pressure	43 dB (A)	
Permissible ambient temperature	0~+40°C	
Maximum heating medium temp.	TF110	
Maximum pump surface temperature	≤ 120°C	
Pumped liquid temperature range	2~+110°C	
Automatic venting function	YES	

PARAMETERS

MODEL	Operating mode (x1)	Head (m)	Flow (l/min)	Motor power (W)	Inlet/outlet diameter (inch)	Inlet/outlet spacing (mm)	Weight (kg)
MAGI H 25-120/180	12	12	160	14-185	1½ x 1	180	4,9
MAGI H 32-120/180	12	12	160	14-185	2 x 1½	180	5,1