

MAGIO™

Work Your Magic

Heat & Cool Applications from -90°C to +300°C



Temperature Range

-90°C to +300°C

Heating Capacities

1kW, 2kW, or 3kW

Cooling Capacities

Up to 2.5kW

Flow Rate

16...31 liters/minute

Flow Pressure

3.5 psi to 13.3 psi

MAGIO Advantages

The Most **Powerful Adjustable Pump** on the Market

- ▶ Adjust the pump speed from 30% to 100% to get the flow and pressure you need. Our adjustable pressure suction pump helps to shorten your time-to-temperature and reaction times.

Exceptional **External Temperature Control**

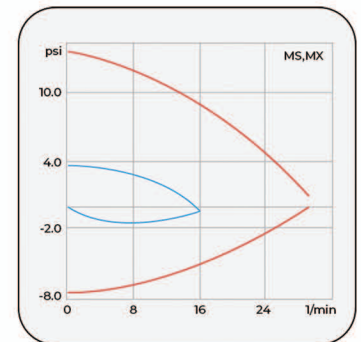
- ▶ Manage set-points and fluctuations across a broad range of temperatures with external measuring control, including Pt100 capabilities.

Easy-To-Read Displays, Tailored to Your Needs

- ▶ Get a high-resolution view of the data and information that matters to you. Choose from three different screen layouts based on the charts, graphs, and information you want to track at a glance.

Multiple Interfaces for Data Capture, Remote Operations & More

- ▶ Multiple interface options make remote control and data management easy, streamlining your operations and workflow.



■ lowest pump speed ■ highest pump speed



Refrigerated Circulators for -90°C to +200°C

The MAGIO MS circulators pair with various JULABO chillers, allowing you to select the cooling capacity you need for your application. Choose from: .3kW to 2.5kW of cooling at 20°C.

Only with MAGIO

- ▶ MAGIO offers the only 115V plug-and-play refrigerated circulator with up to 1.2kW of cooling power on the market.

Heating Circulators for +50°C to +300°C

The MAGIO circulators become powerful heating machines when mounted on a bath tank. The MAGIO MX 230V offers 3kW of heating power. The MAGIO MS comes in 115V with 1kW heating power or 230V with 2kW heating power.

Bridge Mounted Options for Bath Tanks up to 100 liters

- ▶ MAGIO MS-Z offers 1kW of heating @115V or 2kW of heating @230V; MX-Z offers 3kW of heating @230V.

Natural Refrigerant Options

- ▶ MAGIO MS-310F
- ▶ MAGIO MS-449F
- ▶ MAGIO MS-450F
- ▶ MAGIO MS-800F
- ▶ MAGIO MS-1200F
- ▶ MAGIO MS-1200FW
- ▶ MAGIO MX-1800F
- ▶ MAGIO MX-2500F
- ▶ MAGIO MS-1000FF

MAGIO Applications

Internal

- ▶ Distillation
- ▶ Environmental Simulations
- ▶ Material Testing
- ▶ Cannabis Decarboxylation
- ▶ Solvent Recovery
- ▶ Reagent Warming
- ▶ Sample Thawing
- ▶ Incubation


External

- ▶ Rotary Evaporators
- ▶ Jacketed Reactors
- ▶ Fermenters & bioreactors
- ▶ Viscometers
- ▶ Rheometers
- ▶ Photometers
- ▶ Refractometers
- ▶ Chromatography Column

Find your perfect MAGIO™

Contact your JULABO account manager for personalized product recommendations based on your application.

 sales@julabo.us

 610-231-0250 or 800-458-5226



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