

## Product data sheet

# HT30-M1-C.U. High temperature circulator with cooling unit

2-zone technique for working temperatures up to 400 °C



### Product Features

- ✓ Self-optimizing ICC temperature controller
- ✓ Strong pumping capacity 18 l/min - 1.2 bar max
- ✓ Automatic air-purge allows easy filling
- ✓ Backlit interactive 4-line LCD display
- ✓ Electronic level indication
- ✓ Integrated programmer for 6 x 60 program steps
- ✓ High heating capacity for short heat-up times
- ✓ Integrated programmer stores up to 6 profiles (60 sections each)

## Performance values

230V/50Hz (Schuko Plug - CEE 7/4 Plug Type F)

Heating capacity kW	3
Viscosity max. cSt	30
Pump capacity flow pressure l/min	14 ... 18
Pump capacity pressure bar	0.8 ... 1.2
Power consumption A	15
Voltage Tolerance %	230V   ±10

Order number including voltage version (230V/50Hz) 9800035.03

## Technical data

Available voltage versions

Order No. 9800035

Available voltage versions:

9800035.13 230V 60Hz (Nema N6-20 Plug)

9800035.03 230V 50Hz (Schuko Plug - CEE 7/4 Plug Type F)

## Electronics

Interfaces Profibus optional, RS232, RS485

External pt100 sensor connection integrated

Integrated programmer 6x60 steps

Temperature control ICC

Temperature display LED

Temperature setting Keypad

## Dimensions and volumes

Filling volume expansion vessel l 1

Internal usable expansion volume l 1.5

Weight kg 35

Total dimensions cm (W x L x H) 43 x 23 x 58

Filling volume l 2

Pump connections M16x1 male

## Temperature values

Working temperature range °C <sup>1</sup> +40 ... +400

Temperature stability °C ±0.01 ... ±0.1

Ambient temperature °C +5 ... +40

Temperature display resolution °C 0.01

<sup>1</sup> Bath fluids available for working temperatures up to +350°C.

## Other

Classification Classification III (FL)

IP Code IP 21

## All Benefits



### 100% Checked.

100% testing. 100% quality. Each JULABO Circulator undergoes thorough quality testing before leaving the factory.



### Green technology.

Development consistently applied environmentally friendly materials and technologies.



### Control of the external application

External Pt100 sensor connection for precise measurement and control directly in the external application



## JULABO. Quality.

Highest standards of quality for a long product life.



## Quick start.

Individual JULABO consultation and comprehensive manuals at your disposal.



## Satisfied customers.

11 subsidiaries and more than 100 partners worldwide guarantee fast and qualified JULABO support.



## Services 24/7.

Around the clock availability. You can find suitable accessories, data sheets, manuals, case studies, and more at [www.julabo.com](http://www.julabo.com).