

HT60-M3-C.U. High temperature circulator with cooling unit

JULABO high-temperature circulators make temperature applications up to +400 °C possible. Models with the type suffix "C.U." have a powerful cooling unit for connection of tap water. This makes temperature applications from +20 °C and quick cooling phases possible. Typical applications are reactors, autoclaves, distillation columns and mini-plant, technical or production facilities.



Product features

- Working temperature range up to 400 °C
- Self-optimizing ICC temperature controller
- Strong pumping capacity 18 l/min - 1.2 bar max
- Automatic air-purge allows easy filling
- Automated heat-up feature adjusts to external systems
- Bright MULTI-DISPLAY (LED) with display resolution 0.01 °C
- Backlit interactive 4-line LCD display
- Stand-by input for external emergency switch-off
- Integrated programmer stores up to 6 profiles (60 sections each)
- Electronic level indication
- ATC function for simple correction of temperature variations
- Tap water cooling for temperatures from 40 to 400 °C and rapid cooling
- Cooling capacity up to 15 kW (with tap water 20°C)
- Controlled cooling water supply for temperature applications from +40 °C
- High cooling capacity up to 15 kW (at +20 °C cooling water and +300 °C oil temperature)
- Rapid cooling
- Rapid temperature control i. e. of exothermic reactions

Performance values

208V/3PPE/60Hz (Without Plug)	
Heating capacity kW	6
Viscosity max. cST	30
Pump capacity flow rate l/min	14 ... 18
Pump capacity flow pressure bar	0.8 ... 1.2
Power A	19

Order 9800066.16
No.

Technical data

Available voltage versions

Other

Order No.	9 800 066	Classification	Classification III (FL)
Available voltage versions:		IP Code	IP 21
9800066.16	208V/3PPE/60Hz (Without Plug)		

Electronics	
Digital interface	RS232, RS485, Profibus optional
External pt100 sensor connection	integrated
Integrated programmer	6x60 steps
Temperature control	ICC
Temperature display	LED
Temperature setting	Keypad

Dimensions and volumes	
Weight kg	37
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	+40 ... +400
Temperature stability °C	±0.01 ... ±0.1
Ambient temperature °C	+5 ... +40
Temperature display resolution °C	0.01

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.