

FL7006 Powerful recirculating cooler

The powerful FL models are suitable for a wide range of cooling tasks in industrial environments, such as removal of large process heat. 2 variants: Aircooled (FL) and water-cooled (FLW).

Your advantages

- · Ergonomic design and easy operation
- · Splash-proof keypad
- · Large, bright LED display
- Permissible temperature in return line +80°C
- · Easy filling from the top with hinged protective lid
- · Low liquid level protection with optical and audible alarm signal
- · Integrated stainless steel bath tanks
- · Removable ventilation grid
- Front drain
- No side vents, instruments can be placed right next to other equipment
- RS232 interface for PC connection
- IP class according to IEC 60529: 21
- · Alarm output, potential-free change-over contact (max. 30 VA)
- Pressure Indicator
- · By-pass valve to adjust pump pressure



Technical data

IP Code IP 21	i ecimicai data					
Available voltage versions: 9 666 070.16 230V/3PPE/60Hz (Without Plug) 9 666 070.07 400V/3PNPE/50Hz (Plug 16A CEE) Cooling Cooling of compressor 1-stage Air Classification IP Code Pump type Immersion Pump Electronics Temperature control PID1 Weight kg 252 Temperature display LED Barbed fittings inner diameter 1" Temperature setting Keypad Dimensions cm (W × L × H) 78 x 85 x 148 Filling volume I Pump connections G1¼" male Temperature values Setting the resolution of the temperature display "C Return flow temperature max. "C 80 Working temperature range "C -20 +40 Temperature stability "C ±0.5	Available voltage versions			Bath		
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9 666 070.07 400V/3PNPE/50Hz (Plug 16A CEE) Cooling Cooling of compressor 1-stage Air Sound pressure level dbA 74 Classification Classification I (Not Pick of Plance) IP Code IP 21 Pump type Immersion Pump Electronics Dimensions and volumes Temperature control PlD1 Weight kg 252 Temperature setting Keypad Dimensions cm (W × L × H) 78 x 85 x 148 Filling volume I 39 47 Pump connections G1¼" male Temperature values Setting the resolution of the temperature display °C 80 Working temperature max. °C 80 Working temperature range °C -20 +40 Temperature stability °C ±0.5	Available voltage versions:					
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Temperature stability °C ±0.5	Return flow temperature max. °C		80			
•	Working temperature range °C		-20 +40			
Ambient temperature °C 5 40	Temperature stability °C		±0.5			
	Ambient temperature °C		5 40			
Temperature display resolution °C 0.1	Temperature display resolution °C		0.1			



Performance values

230V/3PPE/60Hz (Without Plug)

230V/3PPE/60Hz								
Cooling capacity (Water Glycol)								
°C	20	10	0	-10	-20			
kW	7	6.4	5.1	3	1.55			

Refrigerant	R404A
Filling volume g	3000
Global Warming Potential for R404A	3922
Carbon dioxide equivalent t	11.766
Pump capacity flow rate I/min	60
Pump capacity flow pressure bar	0.5 6

400V/3PNPE/50Hz (Plug 16A CEE)

400V/3PNPE/50Hz Cooling capacity (Water Glycol) °C 20 10 0 -10 -20 kW 7 5.1 1.55 6.4 Refrigerant R452A Filling volume g 3920 Global Warming Potential for R452A 2140 8.389 Carbon dioxide equivalent t Pump capacity flow rate I/min 60 Pump capacity flow pressure bar 0.5 ... 6

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.



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.





Precise

PID Temperature control with set control parameters, temperature stability ±0.02...±0.2 °C