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: Air-cooled (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

Available voltage versions	
Order No.	9 666 070
Available voltage versions:	
9 666 070.16	230V/3PPE/60Hz (Without Plug)
9 666 070.07	400V/3PNPE/50Hz (Plug 16A CEE)

Bath	
Bath tank	Stainless steel

Cooling	
Cooling of compressor	1-stage Air

Other	
Sound pressure level dbA	74
Classification	Classification I (NFL)
IP Code	IP 21
Pump type	Immersion Pump

Electronics	
Temperature control	PID1
Temperature display	LED
Temperature setting	Keypad

Dimensions and volumes	
Weight kg	252
Barbed fittings inner diameter	1"
Dimensions cm (W × L × H)	78 x 85 x 148
Filling volume l	39 ... 47
Pump connections	G1¼" male

Temperature values	
Setting the resolution of the temperature display °C	0.1
Return flow temperature max. °C	80
Working temperature range °C	-20 ... +40
Temperature stability °C	±0.5
Ambient temperature °C	5 ... 40
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 l/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	6.4	5.1	3	1.55

Refrigerant	R452A
Filling volume g	3920
Global Warming Potential for R452A	2140
Carbon dioxide equivalent t	8.389
Pump capacity flow rate l/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