

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		Bath	
Order No.	9 666 070	Bath tank	Stainless steel
Available voltage versions:			
9 666 070.16	230V/3PPE/60Hz (Without Plug)		
9 666 070.07	400V/3PNPE/50Hz (Plug 16A CEE)		
Cooling		Other	
Cooling of compressor	1-stage Air	Sound pressure level dbA	74
		Classification	Classification I (NFL)
		IP Code	IP 21
		Pump type	Immersion Pump
Electronics		Dimensions and volumes	
Temperature control	PID1	Weight kg	252
Temperature display	LED	Barbed fittings inner diameter	1"
Temperature setting	Keypad	Dimensions cm (W x L x 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		
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

Benefits



Precise

PID Temperature control with set control parameters, temperature stability $\pm 0.02 \dots \pm 0.2$ °C



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