

FL2506 Powerful model in tower version

The FL models shown here have higher cooling capacity, powerful circulating pumps, and internal bath volumes of up to 30 liters. 2 variants: Air-cooled (FL) and water-cooled (FLW).



Your advantages

- Ergonomic design and easy operation
- Splash-proof keypad
- Large, bright LED display
- Reliable Microprocessor PID temperature control
- Precise PID temperature control
- Powerful immersion pumps, suitable for continuous operation
- 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.	9 666 025	Bath tank	Stainless steel
Available voltage versions:			
9 666 025.13	230V/60Hz (Nema N6-20 Plug)		
9 666 025.03	230V/50Hz (Schuko Plug - CEE 7/4 Plug Type F)		
Cooling		Other	
Cooling of compressor	1-stage Air	Sound pressure level dbA	64
		Classification	Classification I (NFL)
		IP Code	IP 21
		Pump type	Immersion Pump
Electronics		Dimensions and volumes	
Temperature control	PID1	Weight kg	158
Temperature display	LED	Barbed fittings inner diameter	1"
Temperature setting	Keypad	Dimensions cm (W × L × H)	60 x 76 x 115
		Filling volume l	24 ... 30
		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/60Hz (Nema N6-20 Plug)

208V/60Hz					230V/60Hz				
Cooling capacity (Water Glycol)					Cooling capacity (Water Glycol)				
°C	20	10	0	-10	°C	20	10	0	-10
kW	2.5	1.9	1	0.3	kW	2.5	1.9	1	0.3
Refrigerant	R404A				Refrigerant	R404A			
Filling volume g	1400				Filling volume g	1400			
Global Warming Potential for R404A	3922				Global Warming Potential for R404A	3922			
Carbon dioxide equivalent t	5.491				Carbon dioxide equivalent t	5.491			
Pump capacity flow rate l/min	60				Pump capacity flow rate l/min	60			
Pump capacity flow pressure bar	0.5 ... 6				Pump capacity flow pressure bar	0.5 ... 6			

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

230V/50Hz				
Cooling capacity (Water Glycol)				
°C	20	10	0	-10
kW	2.5	1.9	1	0.3
Refrigerant	R452A			
Filling volume g	1510			
Global Warming Potential for R452A	2140			
Carbon dioxide equivalent t	3.231			
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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