

Product data sheet

VALEGRO 250 Recirculating Cooler

with cooling capacities of 0.25 - 1.8 kW

The air-cooled VALEGRO 250 recirculating cooler is an eco-friendly all-rounder for a wide range of cooling and heating tasks from -15 ... 40 °C. The pump can be user-friendly adjusted to a specific percentage.

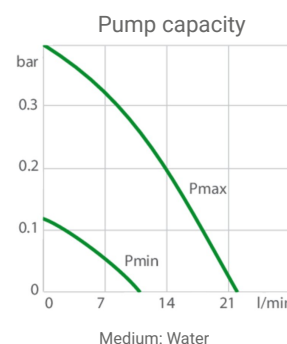
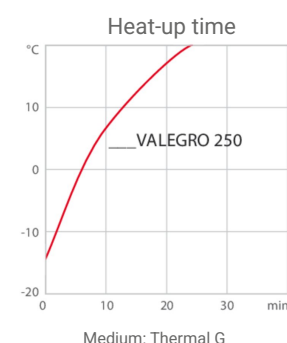
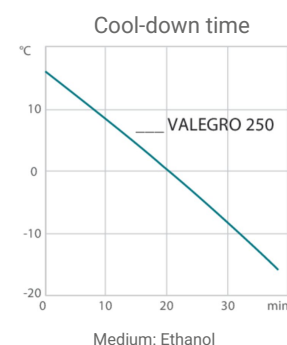
Whether in the laboratory, research or production, VALEGRO 250 recirculating coolers provide a constant cooling capacity of 0.25kW at 20 °C, supporting stable processes around the clock. These modern devices offer precise temperature control for a wide range of applications and, thanks to their compact design, fit seamlessly into any working environment. The refrigeration circuit uses an eco-friendly, natural refrigerant. When designing the VALEGRO recirculating coolers, the focus was on maximum user-friendliness. The inclined OLED touch display is easy to read and ergonomic to use. The intuitive menu navigation allows quick access to all functions. Warning notices and system messages are displayed in clear, understandable language, ensuring maximum safety when using the device. The VALEGRO recirculating coolers feature RS232 and USB-C interfaces located directly below the display – easily accessible from the front.



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Product Features

- ✓ Very quiet
- ✓ RS232 interface for online communication
- ✓ USB-C interface
- ✓ powerful and infinitely adjustable pressure pump
- ✓ Intuitive menu navigation in full text German/English
- ✓ User-friendly operation thanks to comprehensive help texts
- ✓ Advanced timer function with start and end time scheduling (date & time)
- ✓ Data recording



Performance values

230V/50Hz (Schuko Plug - CEE 7/4 Plug Type F)	
Heating capacity kW	
Viscosity max. cSt	25
Pump capacity flow rate l/min	11 ... 22
Pump capacity pressure bar	0.1 ... 0.4
Power consumption A	3
Voltage Tolerance %	230V ±10

Order number including voltage version (230V/50Hz)

9610025.30008862

Cooling capacity 1 (Ethanol)

°C

20

0

-10

kW¹

0.25

0.18

0.12

Note about natural refrigerants:

Temperature control units using natural refrigerants are often subject to regulatory requirements regarding the installation site, operation, transport or disposal of the units. If you have any questions, we will be happy to advise you.

Refrigerant stage 1

Refrigerant

R290

Filling weight g

40

Global Warming Potential for R290

3

Carbon dioxide equivalent t

0.00012

Technical data

Available voltage versions	
Order No.	9610025
9610025.30008866	100V 50/60Hz (Nema N5-15 Plug) (R290)
9610025.30008867	115V 60Hz (Nema N5-15 Plug) (R290)
9610025.30008862	200-230V 50/60Hz (Schuko Plug - CEE 7/4 Plug Type F) (R290)
9610025.30008863	200-230V 50/60Hz (UK Plug Type BS1363A) (R290)
9610025.30008864	200-230V 50/60Hz (CH Plug Type T12 / 10A) (R290)
9610025.30008865	200-230V 50/60Hz (CN Plug) (R290)

Cooling

Cooling of compressor	1-stage Air
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Bath

Bath tank	Stainless steel
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Electronics

Interfaces	RS232, USB
Temperature control	PID3
Temperature display	OLED
Temperature setting	Touchscreen
Electronic Timer h:min	00:00 ... 99:59

Dimensions and volumes

Weight kg	25
Barbed fittings inner diameter mm	8/12 mm
Total dimensions cm (W × L × H)	24 x 46 x 44
Body dimensions cm (W × L × H)	24 x 40 x 43
Filling volume l	1.5 ... 3
Pump connections	M16x1 male

Temperature values

Working temperature range °C	-15 ... 40
Return flow temperature max. °C	+80
Temperature stability °C	±0.5
Ambient temperature °C	+5 ... +40
Temperature display resolution °C	0.1

Other

Classification	Classification I (NFL)
Standards	CE, RoHs
Alarm notification	Acoustic, Optical
IP Code	IP 20
Pump function	Pressure Pump
Pump type	Immersion Pump
User Interface Language	English, German
Sound pressure level dB(A)	47 ... 49

Included in delivery

2 Barbed fittings for tubing 8 and 12 mm ID. (Pump connections M16x1 male)