PRODUCT DATA SHEET

Published: 2026-10-26

LAUDA Variocool VC 1200

Process thermostat 230 V; 50 Hz

Part Number: L004612

Features



- Coloured TFT display for simultaneous indication of actual & set values and graphic illustration of the temperature profile
- Clear text menu navigation, six selectable languages DE, EN, FR, ES, IT, RU
- Easy input via cursor and soft keys
- Fully electronic continuous controller with PID action
- Electronic level indication and low level alarm
- Powerful pressure pump
- USB interface as standard
- Remote fault indication through floating contact
- Upgradeable with two interface modules (analogue module, contact module, RS 232/485 module, Profibus, Ethernet-USB module)
- Integrated programmer with max. 150 segments, splitable in 5 programmes
- Adjustable bypass for pressure limiting
- Filler opening on top, drain tap on the backside
- SmartCool system for energy-saving digital cooling management including compressor on-off control
- Operates with non flammable liquids (water,water/glycol)
- Process thermostat suitable for use with non-flammable heat transfer liquids
- Condenser cooling Air
- Utilizes natural refrigerants

Working temperature min.
-25 °C

Working temperature max.
80 °C

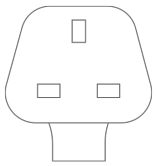
Reserve technical changes

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Technical Features (according to DIN 12876)	
Working temperature range	-25 ... 80 °C
Ambient temperature range	5 ... 40 °C
Temperature stability	0.05 ± K
Heater power max.	2.3 kW
Power consumption max.	2.7 kW
Current max.	12 A
Pump Pressure max.	0,9 bar
Pump flow rate max. (pressure)	28 L/min
In / Outlet connection thread (outside)	G 3/4"
Pressure adjustement	bypass
Filling volume min.	8 L
Filling volume max.	15 L
Overall dimensions (WxDxH)	450 x 550 x 650 mm
Weight	51 kg
Refrigerant stage 1	R-290 (GWP 3); 0.095 kg; 0.0 t CO2-eq
Power supply	230 V; 50 Hz
Power plug	Power cord with angled plug (BS1363)



Power cord with angled plug (BS1363)

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Temperature	Heat transfer liquid	Cooling Capacity 50 Hz
20 °C	Ethanol	1.3 kW
10 °C	Ethanol	1.2 kW
0 °C	Ethanol	1.05 kW
-10 °C	Ethanol	0.8 kW
-20 °C	Ethanol	0.5 kW
-25 °C	Ethanol	0.3 kW

Standard accessories

- 2 nipples 3/4" with screw cap G3/4 for pump connectors

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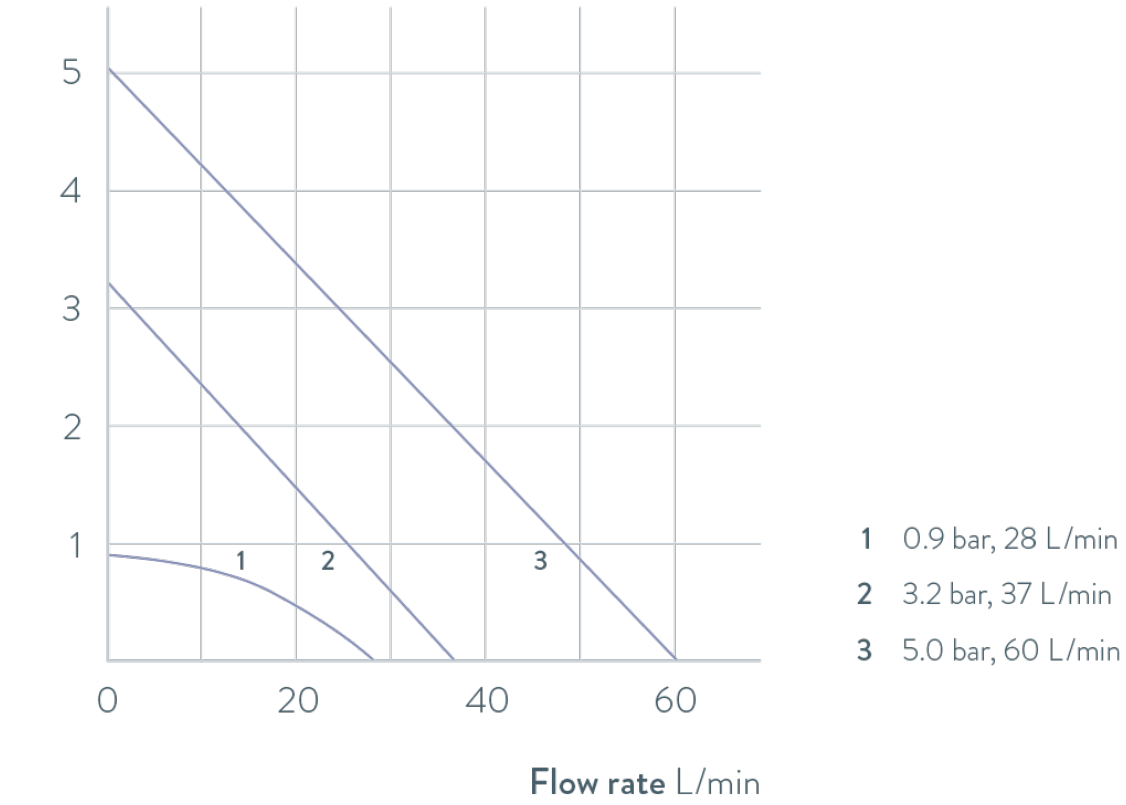
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Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct.
If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.