PRODUCT DATA SHEET

Published: 2026-10-26

LAUDA Variocool VC 2000
Process thermostat 200 V; 50/60 Hz
Part Number: L004471

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

LAUDA DR. R. WOBSER GMBH & CO. KG
Laudaplatz 1 • 97922 Lauda-Königshofen • DE

T + 49 (0) 9343 503-0
info@lauda.de • www.lauda.de
WEEE-Reg-Nr.: DE 66 42 40 57

Kommanditgesellschaft: Sitz Lauda-Königshofen
Registergericht Mannheim • HRA 560069

Persönlich haftende Gesellschafterin:
LAUDA DR. R. WOBSER Verwaltungs-GmbH
Sitz Lauda-Königshofen
Registergericht Mannheim • HRB 560226

Geschäftsführer:
Dr. Gunther Wobser (Vors.),
Dr. Marc Stricker
Beirat: Dr. Gerhard Wobser

PRODUCT DATA SHEET

Published: 2026-10-26

LAUDA Variocool VC 2000
Process thermostat 200 V; 50/60 Hz
Part Number: L004471

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 kW
Power consumption max.	2.6 kW
Current max.	14 A
Pump Pressure max.	3,2 bar
Pump flow rate max. (pressure)	37 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 790 mm
Weight	58 kg
Refrigerant stage 1	R-290 (GWP 3); 0.095 kg; 0.0 t CO2-eq
Power supply	200 V; 50/60 Hz
Power plug	Power cord with plug (NEMA 6-20P)



Power cord with plug (NEMA 6-20P)

Reserve technical changes

LAUDA DR. R. WOBSER GMBH & CO. KG
Laudaplatz 1 • 97922 Lauda-Königshofen • DE

T + 49 (0) 9343 503-0
info@lauda.de • www.lauda.de
WEEE-Reg-Nr.: DE 66 42 40 57

Kommanditgesellschaft: Sitz Lauda-Königshofen
Registergericht Mannheim • HRA 560069

Persönlich haftende Gesellschafterin:
LAUDA DR. R. WOBSER Verwaltungs-GmbH
Sitz Lauda-Königshofen
Registergericht Mannheim • HRB 560226

Geschäftsführer:
Dr. Gunther Wobser (Vors.),
Dr. Marc Stricker
Beirat: Dr. Gerhard Wobser

PRODUCT DATA SHEET

Published: 2026-10-26

LAUDA Variocool VC 2000
Process thermostat 200 V; 50/60 Hz
Part Number: L004471

Temperature	Heat transfer liquid	Cooling Capacity 50 Hz	Cooling Capacity 60 Hz
20 °C	Ethanol	1.92 kW	1.92 kW
10 °C	Ethanol	1.52 kW	1.52 kW
0 °C	Ethanol	1.17 kW	1.17 kW
-10 °C	Ethanol	0.82 kW	0.82 kW
-20 °C	Ethanol	0.49 kW	0.49 kW
-25 °C	Ethanol	0.28 kW	0.28 kW

Standard accessories

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

Reserve technical changes

LAUDA DR. R. WOBSER GMBH & CO. KG
Laudaplatz 1 • 97922 Lauda-Königshofen • DE

T + 49 (0) 9343 503-0
info@lauda.de • www.lauda.de
WEEE-Reg-Nr.: DE 66 42 40 57

Kommanditgesellschaft: Sitz Lauda-Königshofen
Registergericht Mannheim • HRA 560069

Persönlich haftende Gesellschafterin:
LAUDA DR. R. WOBSER Verwaltungs-GmbH
Sitz Lauda-Königshofen
Registergericht Mannheim • HRB 560226

Geschäftsführer:
Dr. Gunther Wobser (Vors.),
Dr. Marc Stricker
Beirat: Dr. Gerhard Wobser

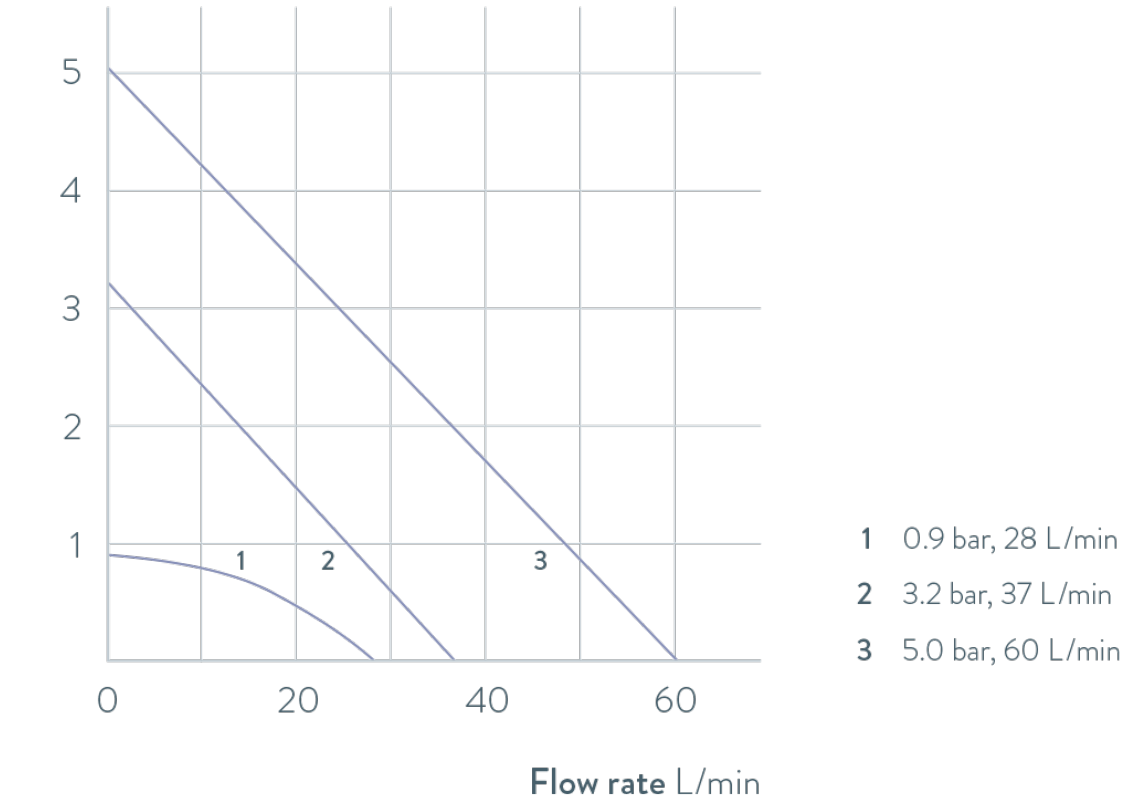
PRODUCT DATA SHEET

Published: 2026-10-26

LAUDA Variocool VC 2000

Process thermostat 200 V; 50/60 Hz

Part Number: L004471



Reserve technical changes

LAUDA DR. R. WOBSER GMBH & CO. KG
Laudaplatz 1 • 97922 Lauda-Königshofen • DE

T + 49 (0) 9343 503-0
info@lauda.de • www.lauda.de
WEEE-Reg-Nr.: DE 66 42 40 57

Kommanditgesellschaft: Sitz Lauda-Königshofen
Registergericht Mannheim • HRA 560069

Persönlich haftende Gesellschafterin:
LAUDA DR. R. WOBSER Verwaltungs-GmbH
Sitz Lauda-Königshofen
Registergericht Mannheim • HRB 560226

Geschäftsführer:
Dr. Gunther Wobser (Vors.),
Dr. Marc Stricker
Beirat: Dr. Gerhard Wobser