PRODUCT DATA SHEET

Standing: 2021-12-20

LAUDA Variocool VC 3000
Process thermostat 230 V; 50 Hz
Part Number: L000715

Features

- Process thermostat suitable for use with non-flammable heat transfer liquids
- 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 an interface module (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)
- Condenser cooling Air

Working temperature min.
-20 °C

Working temperature max.
80 °C

Reserve technical changes

LAUDA DR. R. WOBSER GMBH & CO. KG
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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. Mario Englert,
Dr. Marc Stricker
Beirat: Dr. Gerhard Wobser

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Technical Features (according to DIN 12876)	
Working temperature range	-20 ... 80 °C
Ambient temperature range	5 ... 40 °C
Temperature stability	0.05 ± K
Heater power max.	1.5 kW
Power consumption max.	2.6 kW
Current max.	14 A
Pump Pressure max.	3.2 bar
Pump flow rate pressure max.	37 L/min
In / Outlet connection thread (outside)	G 3/4
Pressure adjustement	bypass
Filling volume max.	33 L
Overall dimensions (WxDxH)	550 x 650 x 970 mm
Weight	89 kg
Refrigerant stage 1	R-449A (GWP 1397); 0.950 kg; 1.3 t CO2-eq
Power supply	230 V; 50 Hz
Power plug	Power cord with angled plug (CEE7/7)

Temperature	Heat transfer liquid	Cooling Capacity 50 Hz
20 °C	Ethanol	3 kW
10 °C	Ethanol	2.4 kW
0 °C	Ethanol	1.68 kW
-10 °C	Ethanol	0.95 kW
-20 °C	Ethanol	0.45 kW

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Standard accessories

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

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