

PRODUCT DATA SHEET

Published: 2026-01-08

LAUDA Ultracool UC 50 Circulation chiller
400 V; 3/PE; 50 Hz & 460 V; 3/PE; 60 Hz
Part Number: L004664

Features

- Highly efficient industrial chiller
- Operation possible via web server
- Electronic 2-point temperature control
- Industrial block pump with high pressure and high flow rate
- Integrated water filter
- Integrated Ethernet interface
- Operates with non flammable liquids (water, water/glycol)
- Meeting the energy efficiency requirements of the EcoDesign directive 2009/125/EC
- Utilizes natural refrigerants



Working temperature min.
-10 °C



Working temperature max.
35 °C

Technical Features

Working temperature range	-10 ... 35 °C
Ambient temperature range	-20 ... 50 °C
Temperature stability	0.5 ± K
Filling volume max.	125 L
Overall dimensions (WxDxH)	1040 x 1435 x 1890 mm
Weight	410 kg
Refrigerant stage 1	R-290 (GWP 3); 1.780 kg; 0.0 t CO ₂ -eq
Power supply	400 V; 3/PE; 50 Hz & 460 V; 3/PE; 60 Hz
Power plug	---

LAUDA DR. R. WOBSEY 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. WOBSEY Verwaltungs-GmbH
Sitz Lauda-Königshofen
Registergericht Mannheim • HRB 560226

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

PRODUCT DATA SHEET

Published: 2026-01-08

LAUDA Ultracool UC 50 Circulation chiller
400 V; 3/PE; 50 Hz & 460 V; 3/PE; 60 Hz
Part Number: L004664

Temperature	Cooling Capacity 50 Hz	Cooling Capacity 60 Hz
25 °C	74.5 kW	74.5 kW
20 °C	67 kW	67 kW
15 °C	60 kW	60 kW
10 °C	51.2 kW	51.2 kW
5 °C	45.3 kW	45.3 kW
0 °C	37.9 kW	37.9 kW
-5 °C	31.9 kW	31.9 kW
-10 °C	26.7 kW	26.7 kW

Reserve technical changes

LAUDA DR. R. WOBSEY 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. WOBSEY Verwaltungs-GmbH
Sitz Lauda-Königshofen
Registergericht Mannheim • HRB 560226

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