

PRODUCT DATA SHEET

Published: 2026-06-22

LAUDA Ultracool UC 4

Circulation chiller 230 V; 50 Hz

Part Number: L003511

Features

- Highly efficient industrial chiller
- Graphic LCD with clear text menu navigation
- Operation possible via web server
- Electronic 2-point temperature control
- Industrial block pump with high pressure and high flow rate
- Inlet and outlet water connections in stainless steel
- 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
- Condenser cooling Air



Working temperature min.
-10 °C



Working temperature max.
35 °C

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

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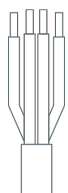
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Technical Features

| | |
|--|--|
| Working temperature range | -10 ... 35 °C |
| Ambient temperature range | -15 ... 50 °C |
| Temperature stability | 0,5 ± K |
| Filling volume max. | 12 L |
| Pump Pressure max. | 3,4 bar |
| Pump Pressure nominal | 2.8 bar |
| Pump flow rate max. (pressure) | 42 L/min |
| Pump flow rate nominal | 13.8 L/min |
| In / Outlet connection thread (inside) | Rp 1/2 |
| Overall dimensions (WxDxH) | 510 x 680 x 1042 mm |
| Weight | 91 kg |
| Noise level | 57.9 dB(A) |
| Refrigerant stage 1 | R-410A (GWP 2088); 0.670 kg; 1.4 t CO ₂ -eq |
| SEPR | 5.23 |
| Power supply | 230 V; 50 Hz |
| Power plug | Power cord without plug (HAR) |

Reserve technical changes



Power cord without plug (HAR)

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| Temperature | Cooling Capacity 50 Hz |
|-------------|------------------------|
| 25 °C | 6.1 kW |
| 20 °C | 6.1 kW |
| 15 °C | 5.5 kW |
| 10 °C | 4.8 kW |
| 5 °C | 3.9 kW |
| 0 °C | 3.3 kW |
| -5 °C | 2.8 kW |
| -10 °C | 2.4 kW |

Standard accessories

- 2 hose connections 1/2" to 16 mm nipple

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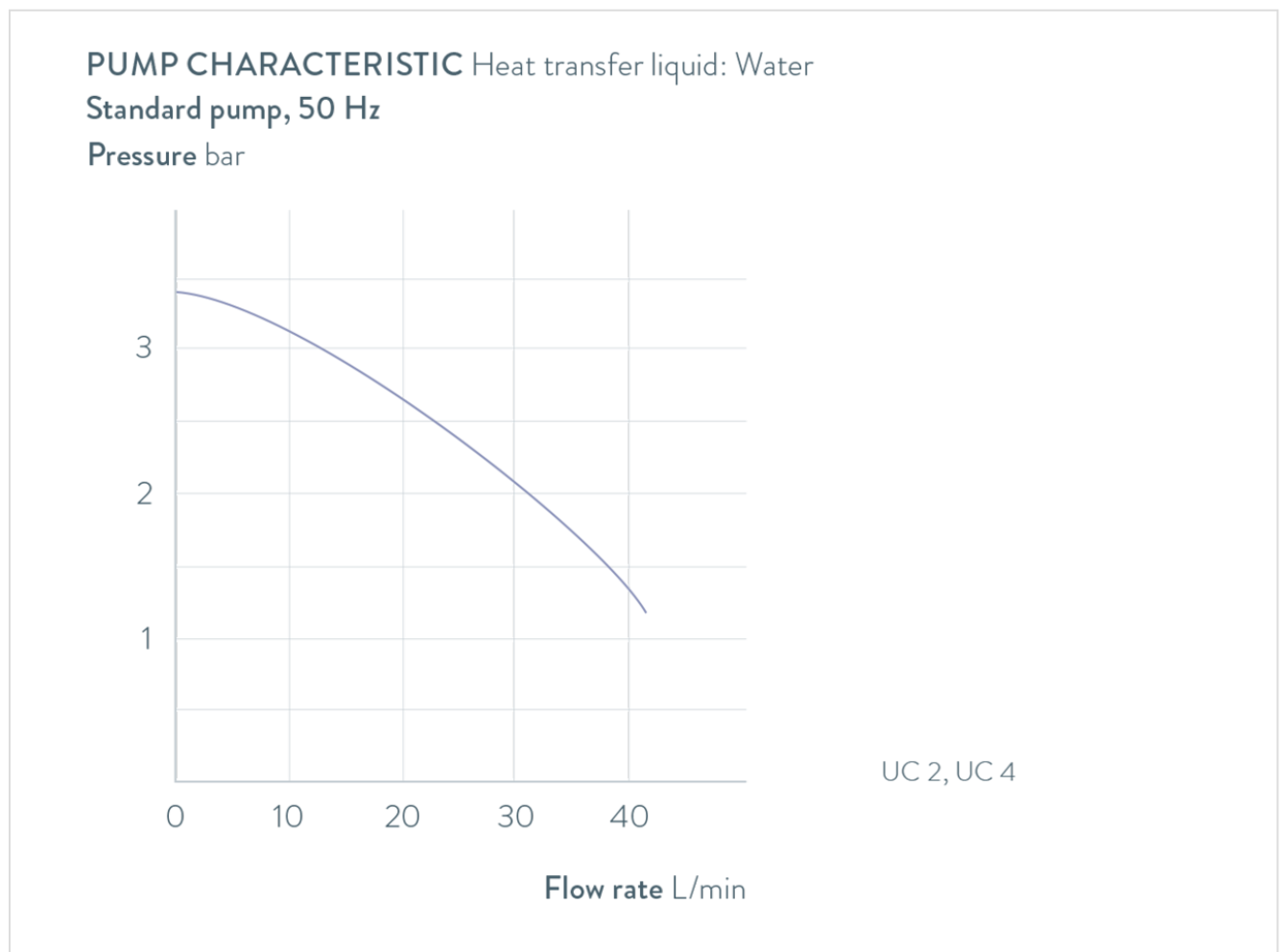
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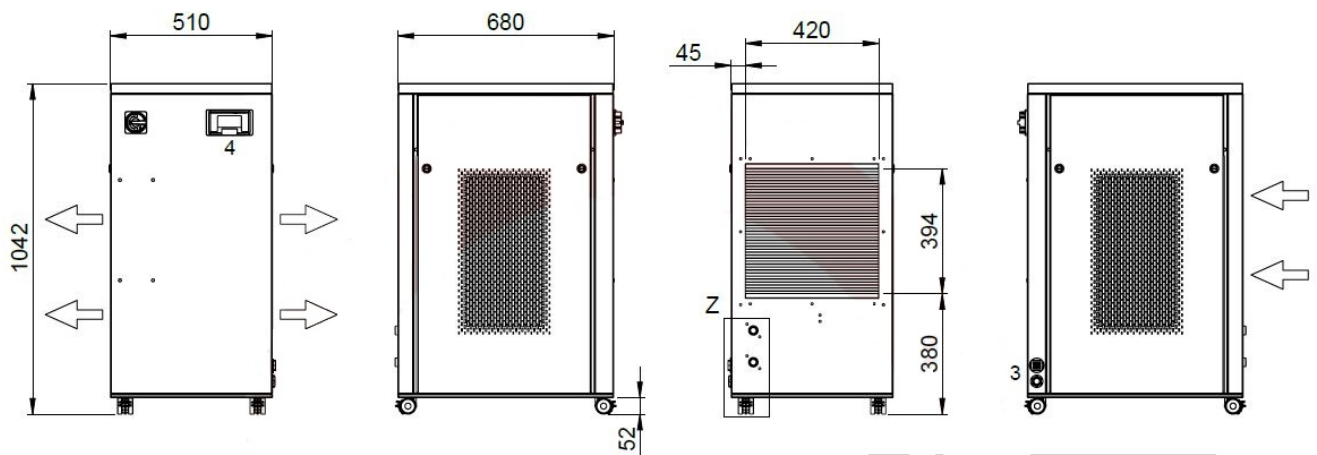
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