

## PRODUCT DATA SHEET

Standing: 2023-09-25

LAUDA Ultracool UC 2  
Circulation chiller 230 V; 50 Hz  
Part Number: L003509

### 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

### Options included

- Condenser air filter (CFM)



Reserve technical changes



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. Ralf Hermann, Dr. Marc Stricker  
Beirat: Dr. Gerhard Wobser

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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	5.6 L/min
In / Outlet connection thread (inside)	Rp 1/2
Overall dimensions (WxDxH)	510 x 680 x 1042 mm
Weight	114 kg
Noise level	53.5 dB(A)
Refrigerant stage 1	R-410A (GWP 2088); 0.670 kg; 1.4 t CO <sub>2</sub> -eq
SEPR	6.24
Power supply	230 V; 50 Hz
Power plug	Power cord without plug (HAR)

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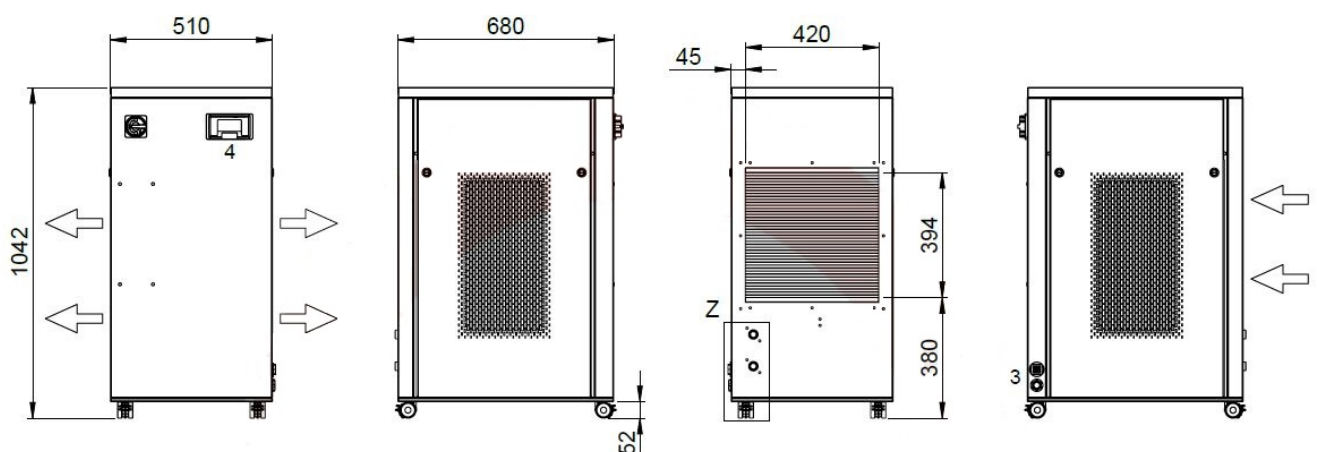
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Temperature	Cooling Capacity 50 Hz
25 °C	3.1 kW
20 °C	3.1 kW
15 °C	2.8 kW
10 °C	2.4 kW
5 °C	2 kW
0 °C	1.7 kW
-5 °C	1.4 kW
-10 °C	1.2 kW

### Standard accessories

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



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