

PRODUCT DATA SHEET

Standing: 2022-05-04

LAUDA Versafreeze VF 75085 C Chest Freezer 230 V; 50 Hz Part Number: L003340

Features

- Laboratory chest freezer with reliable monitoring and highly efficient insulation for long-term storage and quality assurance
- Comfortable touchscreen control unit with digital display for entering and calling up all safety-relevant values
- Limit values for high and low temperature alarm adjustable
- Protection against unauthorized access to setpoints through password-protected user management
- Electronic alarm system and potential-free contact for connection to an in-house alarm system or the central control system
- Display and alarm functions are maintained in the event of a power failure (battery backup)
- Interior completely made of stainless steel
- For long-term storage and quality assurance of organic substances and other materials
- Built-in data logger for storing temperature and alarm data
- IIOT ready via powerful Ethernet interface
- RS 485 interface for trouble-free data transfer
- Cooling coils blown into the sides ensure direct cold transfer from all sides, high freezing speed and uniform temperature distribution throughout the whole cabinet
- Very little heat emission to the ambient
- Energy-saving, maintenance-free refrigeration system with fully hermetic high-performance compressors
- Environmentally friendly, future-proof natural refrigerants
- Vacuum insulation means more storage space with a reduced footprint
- Additional insulating cover plates over the usable space
- Two lead-throughs with an internal diameter of 13 mm as standard, for inserting control sensors, eg Type Pt100
- Magnetic sealing system reliably prevents the door / lid seals from freezing on



Working temperature min.
-85 °C



Working temperature max.
-50 °C

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WEEE-Reg.-Nr.: DE 66 42 40 57

Kommanditgesellschaft: Sitz Lauda-Königshofen
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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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Chest Freezer 230 V; 50 Hz
Part Number: L003340

Technical Features

| | |
|-----------------------------|--|
| Working temperature range | -85 ... -50 °C |
| Ambient temperature range | 15 ... 28 °C |
| Useable volume | 754 L |
| Interior dimensions (WxDxH) | 1600 x 620 x 760 mm |
| Overall dimensions (WxDxH) | 2102 x 910 x 1056 mm |
| Weight | 332 kg |
| Cool down time | from 20 °C to -85 °C in 5 h |
| Thawing time | from -85 °C to 0 °C in 19 h |
| Energy consumption | 11.8 kWh/d at -80 °C |
| Refrigerant stage 1 | R-290 (GWP 3); 0.145 kg; 0.0 t CO ₂ -eq |
| Refrigerant stage 2 | R-170 (GWP 3); 0.090 kg; 0.0 t CO ₂ -eq |
| Power supply | 230 V; 50 Hz |
| Power plug | Power cord with angled plug (CEE7/7) |

Reserve technical changes

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