

PRODUCT DATA SHEET

Standing: 2024-07-02

LAUDA Mobifreeze M 270

Chest Freezer 230 V; 50 Hz

Part Number: L003678

Features

- Actively tempered, mobile ultra-low freezer for safe maintenance of the cold chain in intralogistics and for factory transport in road logistics
- Bridging of transport phases up to 4 hours without power supply at - 80 °C storage temperature
- Powerful battery with increased protection against overheating (lithium iron phosphate battery technology)
- Flexible change between mains and battery operation possible, automatic charging when mains connection
- Comfortable touchscreen control unit with digital display for entering and calling up all safety-relevant values
- Display and alarm functions are maintained in the event of a power failure (battery backup)
- Interior completely made of stainless steel
- Energy-saving, maintenance-free refrigeration system with fully hermetic high-performance compressors
- Additional insulating cover plates over the usable space
- One feed-through with an internal diameter of 13 mm as standard, for the introduction of external control sensors



Working temperature min.
-86 °C



Working temperature max.
-50 °C

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Technical Features

Working temperature range	-86 ... -50 °C
Temperature stability	3 ± K
Temperaturhomogenität	3 K at -86 °C
Ambient temperature range	15 ... 28 °C
Useable volume	270 L
Interior dimensions (WxDxH)	900 x 600 x 500 mm
Overall dimensions (WxDxH)	1471 x 933 x 1217 mm
Weight	325 kg
Cool down time	from 20 °C to -80 °C in 3 h
Thawing time	from -80 °C to 0 °C in 10 h
Energy consumption	9.2 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 6); 0.068 kg; 0.0 t CO ₂ -eq
Power supply	230 V; 50 Hz
Power plug	Power cord with plug (CEE7/7)

Reserve technical changes



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Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.