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Umsatzsteuer-  
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## Lauda® Versafreeze VF 55085 C Freezer 230 V, 50 Hz

**€15,300.00**  
**plus VAT &**  
**Shipping**

### Product Images

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## Description

LAUDA Versafreeze VF 55085 C Laboratory Freezer 230 V; 50 Hz Performance Features: Laboratory freezer with reliable monitoring and highly efficient insulation for long-term storage and quality assurance Convenient 4,3" touchscreen control unit with digital display for entering and retrieving all safety-relevant values Limit values for overtemperature and undertemperature alarm adjustable Protection against unauthorized access to setpoints through password-protected user management Electronic alarm system and potential-free alarm contact for connection to an in-house alarm system or the central control system (CCS) Maintenance of display and alarm functions even in the event of power failure (battery buffering). Interior completely made of stainless steel For long-term storage and quality assurance of organic substances and other materials Built-in data logger for storage of temperature and alarm data IIOT ready via high-performance Ethernet interface RS 485 interface for trouble-free data transfer A tightly laid cooling coil ensures high freezing speed, excellent temperature homogeneity and consistency throughout the usable space Energy-efficient refrigeration technology reduces heat dissipation into the environment Energy-saving, energy-efficient refrigeration technology reduces heat emission to the environment Energy-saving, maintenance-free refrigeration system with fully hermetic high-performance compressors Environmentally friendly and future-proof operation with natural refrigerants High-quality vacuum insulation reduces wall thicknesses and thus creates more storage space with the same footprint Additional insulating cover plates above the usable space Two feed-throughs with an inner diameter of 13 mm as standard, for the insertion of control sensors, e.g. type Pt100 Magnetic sealing system reliably prevents freezing of the door/cover seals Included options: Independent CO2 emergency cooling in case of mains and unit failure from on-site CO2 gas cylinder with riser pipe With separate temperature controller and external accumulator Technical data: Operating temperature range: -86 ... -50 °C Ambient temperature range: 15 ... 28 °C Usable volume: 556 L Usable volume dimensions (WxDxH): 1180 x 620 x 760 mm Dimensions (WxDxH): 1671 x 910 x 1056 mm Cooling time: from 20 °C to -86 °C in 4 h Thawing time: from -86 °C to 0 °C in 19 h Energy consumption: 9.7 kWh/d at -86 °C Refrigerant stage 1: R-290 (GWP 3); 0.145 kg; 0.0 t CO2-eq Refrigerant stage 2: R-170 (GWP 3); 0.090 kg; 0.0 t CO2-eq Mains supply: 230 V; 50 Hz Mains plug: Mains cable with angled Schuko plug (CEE7/7)

## Additional Information

No.	LA-2701
Manufacturer (Brand)	Lauda
Transport temperature	Room temperature

