FOUNDED 1865
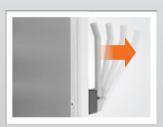**MANUFACTURER OF REFRIGERATION**
TECHNOLOGY FOR THE HEALTH SECTOR

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FROSTER LABO-330

USB-Port for reading out data

Digital temperature display

Key switch

Minimum/maximum
temperature memory

Forced-air cooling

Visual and audible
alarm signal

4 shelves

Comfortable access

Rapid freezing cycle

Automatic fast defrosting

Door frame heater

potential-free contact/
RJ 45 socket by optional
PC-KIT-NET

Condensate evaporation

Comfortable access
The sophisticated opening me-
chanism makes it even simpler
to fit our systems with interior
containers.

Control panel
Through the revised symbo-
lism and color, the operation is
more intuitive.

FROSTER LABO 330
PRO-ACTIVE

300 l | **-10 to -30 °C** | **USB**

- **PRO-ACTIVE- Control:**
Permanent, proactive monitoring of the performance data and alerts in the case of deviations – so that you can take countermeasures in good time before a fault threatens your chilled goods; world´s most accurate temperature control in refrigerated areas thanks to two standard PT-1000 sensors.
- **External housing** made from galvanised sheet steel (rust-proof), with white, anti-scratch powder coating. Length of the plug cable: approx. 2.8 m.
- **Adjustable feet** to compensate for uneven floors.
- **Interior** made from smooth aluminium with colourless protective coating. Gibs (every 15 mm) for flexible interior arrangement.
- **Interior consists** of four plastic-coated shelves on overlays.
- **Extra-thick 70 mm energy saving insulation**, made from high-quality, compression-moulded and environmentally friendly material.
- **Self-closing door** with easy-to-replace plastic magnetic seal frame, lockable.
- **Door hinge** on the right-hand side (by default, see illustration), or the left-hand side, can be retrofitted.
- **Forced-air cooling**, switches off automatically when you open the door, ensures a uniform temperature and minimizes temperature deviations.

- **Automatic fast defrosting** thanks to time-limited and temperature-monitored reversal of the refrigerant circuit.
- **Condensate evaporates** in the refrigerating machine interior.
- **Key switch** protected control panel against tampering. Membrane keyboard with digital temperature display and minimum/maximum temperature memory.
- **Power failure alarm** (visual and audible alarm), the monitoring unit remains in operation for approx. 30 hours on battery power.
- **Warning functions** with visual and audible alarm signal in the case of temperature deviations or other malfunctions. Door open alarm after 60 seconds.
- **Alarms** can be forwarded using a potential-free contact (e.g., to a mobile phone with optional GSM-Module or to a control centre).
- **Data documentation** can be read via USB interface with KIRSCH Datanet software.
- **Rapid freezing cycle** ensures that the goods to be cooled are frozen quickly.
- **Ventilation-enforced refrigerating machine**, hermetically sealed, energy saving, low-noise, easy to service.
- **Door frame heater** prevents icing of the door.

Specification

Capacity	300 litres
Temperature setting	approx. -10 °C to -30 °C
Voltage	220 – 240 V, 50 Hz
Power consumption	550 watts
Normal consumption	4.62 kWh/24 h
Admissible ambient temperature	from +10 °C to +32 °C
Heat emission (max.)	693 watts
Exterior dimensions (including door handle and distance from wall)	w x d x h = 74 x 77 x 159 cm
Interior dimensions	w x d x h = 59 x 52 x 95 cm (usable width 2 cm, usable depth 10 cm, usable height 13 cm less)
Exterior dimensions with door open at 90°	w x d = 74 x 141 cm
Shelf size	w x d = 57 x 42 cm
Max. load shelf	40 kg
Weight	Net weight 125 kg, gross weight 142 kg

Optional equipment

- **LED-Illumination** mounted on side wall.
- **Decorative door frame** for attaching the customer's decorative plates.
- **Equipped with castors.**
- **Aluminium-drawer** on roller runners
w x d x h = 53 x 37 x 10 cm (a maximum of five drawers is possible).
- **Additional length and cross dividers** (for drawer).
- **Stainless steel drawer** (liquid tight)
w x d x h = 53 x 37 x 10 cm (a maximum of five drawers is possible).
- **Additional shelf** on rails or overlays.
- **Basket** on rails
w x d x h = 56 x 40 x 10 cm.
- **Vario Support,** Storage Shelf on roller runners.
- **GSM-Module** for alarm text message transmission.
- **Temperature documentation.**
  - PC-KIT-NET.
  - 4-pin PT 100 or PT 1000 temperature sensor, class 1/3 B, including built-in reference body.
  - Disc-type pen recording thermometer, with 7-day measuring cycle, incorporated, with 100 recording discs and 5 felt tip pens.