



Display at eye-level

The display is positioned at eye-level to make it easier to read and simplify operation.



Explosion protection - Zone 2 The interior is free from ignition sources.

FROSTER LABEX®330

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 (rustproof), with white, anti-scratch powder coating. Length of the plug cable: approx. 2.8 m.
- Adjustable feet to compensate 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.
- Valve controlled pressure compensation for easier door opening.

Specification

Capacity	300 litres
Temperature setting	approx10 °C to -30 °C
Voltage	220 – 240 V, 50 Hz
Power consumption	540 watts
Normal consumption	4.33 kWh/24 h
Admissible ambient temperature	from +10 °C to +32 °C
Heat emission (max.)	660 watts
Exterior dimensions (including distance from wall and door handle)	w x d x h = 74 x 78 x 159 cm
Interior dimensions	w x d x h = 59 x 52 x 95 cm (usable width 2 cm, usable depth 5 cm, usable height 13 cm less)
Exterior dimensions with door open at 90°	w x d = 74 x 142 cm
Shelf size	w x d = 57 x 42 cm
Max. load shelf	40 kg
Weight	Net weight 127 kg, gross weight 142 kg

- Automatic fast defrosting thanks to time-limited and temperature-monitored reversal of the refrigerant circuit. Defrost sensors are protected by safety barriers.
- Removable condensation container.
- Key switch protected control panel against tampering. Membrane keyboard with digital temperature display and minimum/maximum temperature memory. Control and display sensors protected by safety barriers.
- Warning functions with visual and audible alarm signal in in the case of temperature deviations or other malfunctions. Door open alarm after 60 seconds.
- Power failure alarm (visual and audible alarm), the monitoring unit remains in operation for approx. 30 hours on battery power.
- 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. Inlet air and exhaust air flow through the ventilation slits at the front.
- Door frame heater prevents icing of the door.

Optional equipment

- Decorative door frame for attaching the customer's decorative plates.
- Equipped with castors.
- GSM-Module for alarm text message transmission (e.g., to a mobile phone).
- Temperature documentation.
 - Temperature sensor PT 100 or PT 1000, with safety barriers and reference body (measuring bottle or cold block) is installed.
 - 4-pin PT 100 or PT 1000 temperature sensor, class 1/3 B, including built-in reference body.
 - Mechanical pen-recording thermometer with two waxed paper strips.