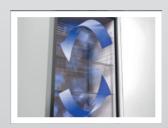




Unique combination of ATEX-mark s II 3 G Ex c ic IIB T6, forced-air cooling, automatic fast defrosting and controlled pressure equalization.



#### Forced-air cooling

High temperature precision by protected circulation fan.



### Easy door opening

By the controlled pressure equalization anytime a repeated opening of the door is ensured.

# FROSTER-























# LABEX®-530/-730 (Ex) | 1 3 G Ex c ic | 11 B T6

- **External housing** made from galvanised sheet steel (rustproof), with white, anti-scratch powder coating. Length of the plug cable: approx. 3 m.
- Adjustable feet to compensate uneven floors.
- Interior made from smooth aluminium with colourless protective coating. Gibs (every 15mm) for flexible interior
- Interior consists of five 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 (the two axial fans are protected), switches off automatically when you open the door, ensures a uniform temperature and minimizes temperature devia-
- Valve controlled pressure compensation for easier door opening.

- 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 the 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).
- RS485 interface for connecting to PC-supported temperature documentation (using the optional KIRSCH-PC-KIT).
- 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

	FROSTER- LABEX®-530	FROSTER- LABEX®-730
Capacity	500 litres	700 litres
Temperature setting	approx5 °C to -30 °C	approx5 °C to -30 °C
Voltage	220 – 240 V, 50 Hz	220 – 240 V, 50 Hz
Power consumption	510 watts	510 watts
Normal consumption	4.70 kWh/24 h	5.70 kWh/24 h
Admissible ambient temperature	from +10 °C to +32 °C	from +10 °C to +32 °C
Heat emission (max.)	690 watts	690 watts
Exterior dimensions (including distance from wall and door handle)	w x d x h = 77 x 76 x 193- 196 cm	w x d x h = 77 x 98 x 193 - 196 cm
Interior dimensions	w x d x h =* 62 x 57 x 140 cm	w x d x h =* 62 x 77 x 140 cm
Exterior dimensions with door open at 90°	w x d = 77 x 144 cm	w x d = 77 x 166 cm
Shelf size	w x d = 59 x 45 cm	w x d = 59 x 65 cm
Max. load shelf	40 kg	40 kg
Weight	Net weight 140 kg, gross weight 170 kg	Net weight 165 kg, gross weight 200 kg

<sup>\*</sup>usable width 2 cm, usable depth 11 cm, usable height 13 cm less.

## Optional equipment

- Power failure alarm (visual and audible alarm), the monitoring unit remains in operation for approx. 72 hours on battery power.
- Decorative door frame for attaching the customer's decorative plates.
- **Equipped with castors.**
- Cooling machine water-cooled.
- Outer housing in stainless steel 4301, longitudinal brushed.
- Plastic-drawer on roller runners, conductive (only FROSTER-LABEX®-530) w x d x h =  $57 \times 39 \times 5.6 \text{ cm}$ (a maximum of twelve drawers is possible).
- Additional length and cross dividers for the drawer (only FROSTER-LABEX®-530).
- Additional shelf on rails or overlays.
- FROSTER-LABEX®-530:  $w \times d \times h = 60 \times 45 \times 10 \text{ cm}$ , FROSTER-LABEX®-730:  $w \times d \times h = 60 \times 65 \times 10 \text{ cm}$ , each with rails.
- Aluminium trav FROSTER-LABEX®-530: w x d x h =  $60 \times 40 \times 2.5 \text{ cm}$ , FROSTER-LABEX®-730: w x d x h =  $60 \times 65 \times 2.5 \text{ cm}$ , each with rails.
- GSM-Module for alarm text message transmission (e.g., to a mobile phone).
- **Temperature documentation:** see detailed information on page 56.