

Blood Plasma Freezer

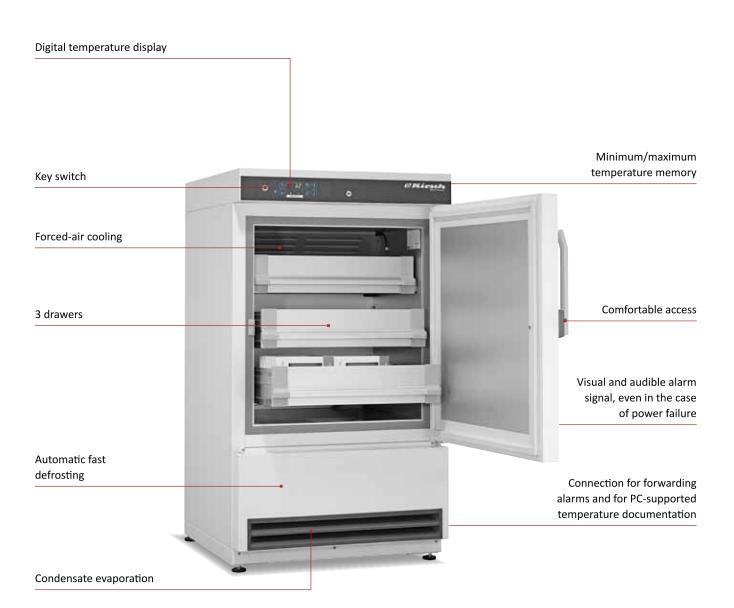
FOUNDED 1865 MANUFACTURER OF REFRIGERATION **TECHNOLOGY FOR THE HEALTH SECTOR**

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FROSTER-BL-178







Fast defrosting

Fast defrosting reduces defrosting periods with minimal temperature variations.



Controls

Thanks to the re-designed symbols and coloring the operation is more intuitive.



FROSTER BL 178





















according to DIN 58371

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 for uneven floors.
- Interior made from smooth aluminium with colourless protective coating.
- Interior consists of three drawers of aluminium on telescopic runners. Stacking height: 15 cm.
- Extra-thick 70-mm insulation, made from high-quality, compression-moulded and environmentally friendly material. Energy saving.
- Self-closing door with easy-to-replace plastic magnetic seal frame, lockable.
- Door stop 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 stainless steel heated dish beneath the refrigerator floor.
- Key switch protected control panel against tampering. Membrane keyboard with digital temperature display and minimum/maximum temperature memory.
- Warning functions with visual and audible alarm signal in the case of power failure and temperature deviations. In the case of power failure, the monitoring unit remains in operation for approx. 30 hours on battery power. 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.
- Ventilation-enforced refrigerating machine, vibration free, hermetically sealed, energy saving, low-noise, easy to service. Inlet air and exhaust air flow through the ventilation slits at the front.

Specification

Capacity	170 litres
Temperature setting	-32 °C
Voltage	220 – 240 V, 50 Hz
Power consumption	500 watts
Normal consumption	4.88 kWh/24 h
Admissible ambient temperature	from +10 °C to +32 °C
Heat emission (max.)	633 watts
Exterior dimensions (including door handle and distance from wall)	w x d x h = 70 x 77 x 122 cm
Interior dimensions	$w \times d \times h = 55 \times 52 \times 60 \text{ cm}$ (usable width 3 cm, usable depth 11 cm, usable height 13cm less)
Exterior dimensions with door open at 90°	w x d = 70 x 136 cm
Drawer inner dimensions	w x d x h = 50 x 34 x 10 cm
Max. load drawer	50 kg
Weight	Net weight 92 kg, gross weight 105 kg

Optional equipment

- **LED illumination** mounted at the top.
- Equipped with castors.
- Drawer insert (set) with 3 adjustable length and 21 cross dividers per drawer.
- Additional length and cross dividers.
- Drawer made of stainless steel, also possible with cover plate, instead of aluminum.
- GSM-Module for alarm text message transmission (e.g., to a mobile phone).
- 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.
 - Mechanical pen-recording thermometer with two waxed paper strips.