Digital temperature display

USB Port for reading out data

Minimum/maximum temperature memory

Key switch

Forced-air cooling

Comfortable access

3 drawers

Visual and audible alarm signal, even in the case of power failure

Automatic fast defrosting

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

Condensate evaporation

approx. 25 min.

Fast defrosting
Fast defrosting reduces defrosting periods with minimal temperature variations.

FROSTER BL 178 PRO-ACTIVE

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 (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.
- **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 x d x h = 55 x 52 x 60 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 = 51 x 34.5 x 10 cm
Max. load drawer	50 kg
Weight	Net weight 111 kg, gross weight 124 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.