

FROSTER BL-530

FOUNDED 1865
MANUFACTURER OF REFRIGERATION
TECHNOLOGY FOR THE HEALTH SECTOR

Philipp Kirsch GmbH

Okenstraße 103
D-77652 OFFENBURG-GERMANY
www.kirsch-medical.com



Digital temperature display

Minimum/maximum
temperature memory

Key switch

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

Forced-air cooling

5 drawers

Comfortable access

Automatic fast defrosting

Connection for
forwarding alarms and
for PC-supported
temperature
documentation

Condensate evaporation



Flexible interior design

We deliver our devices in any combination with shelves and / or drawers.



Optimized air guide plate

The optimised air guide plate reduces temperature deviations inside the system to a minimum.



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PT. PRIMA ALKESINDO NUSANTARA
Kompleks Perkantoran Gading Bukit Indah Blok C No. 12-15,
Jl. Bukit Gading Raya, Kelapa Gading Permai, Jakarta 14240
Telp. : (021) 4513875 Fax. : (021) 4513876
E-mail : corporate@prima-alkesindo.com
Website : www.prima-alkesindo.com

FROSTER BL 530



according to DIN 58375

- 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. 3 m.
- Equipped with castors.**
- Interior** made from smooth aluminium with colourless protective coating. Gibs (every 15 mm) for flexible interior arrangement.
- Interior consists** of five drawers of aluminium, height adjustable on telescopic runners with stops, stacking height: 23 cm. Capacity per drawer:
- 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 the 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

FROSTER BL 530

Capacity	500 litres
Temperature setting	-32 °C
Voltage	220 – 240 V, 50 Hz
Power consumption	740 Watt
Normal consumption	10,81 kWh/24 h
Admissible ambient temperature	from +10 °C to +32 °C
Heat emission (max.)	827 Watt
Exterior dimensions (including door handle and distance from wall)	w x d x h = 77 x 76 x 193 - 196 cm
Interior dimensions	w x d x h = 62 x 56 x 140 cm*
Exterior dimensions with door open at 90°	w x d = 77 x 144 cm
Drawer inner dimensions	w x d x h = 56 x 39 x 10 cm
Max. load drawer	50 kg
Weight	Net weight 161 kg, gross weight 183 kg

*usable width 2 cm, usable depth 11 cm, usable height 13 cm less

Optional equipment

- LED illumination** mounted on side wall.
- Adjustable feet** to compensate for uneven floors.
- Cooling machine** with cold water connection.
- Outer housing** in stainless steel 4301, longitudinal brushed.
- Additional drawer** made aluminium.
- Drawers insert** (set) with 4 adjustable length and 25 (FROSTER BL 530) or 40 (FROSTER BL 730) cross dividers per drawer.
- Additional length and cross dividers.**
- Drawer** made of stainless steel, also possible with cover plate, black colored, instead of aluminum.
- Shelf** 59.7 x 45 cm on rails or overlays.
- Baskets** on rails 60 x 45 x 10 cm.
- Aluminium tray** with rails 60 x 40 x 2,5 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.
 - Mechanical pen-recording thermometer with two waxed paper strips.