

FOUNDED 1865
MANUFACTURER OF REFRIGERATION
TECHNOLOGY FOR THE HEALTH SECTOR

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BL-520



Antifreeze

Digital temperature display

Key switch

Forced-air cooling

5 drawers

Automatic fast defrosting

Condensate evaporation

Minimum/maximum
temperature memory

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

Comfortable access

Connection for
forwarding alarms and
for PC-supported temp-
erature documentation



Clean
Control screen made of
plastic with smooth surface
for promoting hygiene.

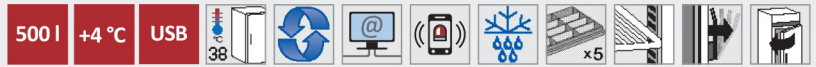


Perspective
The optional equipment with
a glass door and LED illumina-
tion avoids unnecessary door
opening.



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BL 520



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. 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.
- **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** with axial blower, 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.
- **Antifreeze** against sub-zero temperatures.
- **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.
- **Low-noise compressor** reduces noise to 40 dB (corresponds to noise level I; sound perception: whisper).

Specification

Capacity	500 litres
Temperature setting	+4 °C
Voltage	220 – 240 V, 50/60 Hz
Power consumption	250 watts
Normal consumption	1.5 kWh/24 h
Admissible ambient temperature	from +10 °C to +38 °C
Heat emission (max.)	554 watts
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 (usable width 2 cm, usable depth 11 cm usable height 13 cm less)
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 139 kg, gross weight 160 kg

Optional equipment

- **Glass door with lock.**
- **LED illumination** mounted at the top.
- **Adjustable feet** to compensate for uneven floors.
- **Cooling machine** with cold water connection.
- **Outer housing** in stainless steel 4301, longitudinal brushed.
- **Additional drawer** made of aluminium.
- **Drawer insert** (set) with 4 adjustable length and 25 cross dividers per drawer.
- **Additional length and cross dividers.**
- **Drawer** made of stainless steel instead of aluminium.
- **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.
- **Condensate container** can be emptied manually if no condensation is required (e.g., in an operating theatre).
- **Vario Support**, Storage Shelf on roller runners.
- **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.