Antifreeze

Digital temperature display

Key switch

Minimum/maximum temperature memory

Forced-air cooling

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

5 drawers

Comfortable access

Connection for forwarding alarms and for PC-supported temperature documentation

Automatic fast defrosting

Condensate evaporation

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

Perspective
The optional equipment with a glass door and LED illumination avoids unnecessary door opening.

supplyLAB

www.supplylab.pt
geral@supplylab.pt

Cacém Park - Edifício 9
Estrada de Paço de Arcos nº88
2739-512 Agualva Cacém
T +(351) 21 4278700
F +(351) 21 4278709

BL-520

according to DIN 58371

- **External housing** made from galvanised sheet steel (rust-proof), with white, anti-scratch powder coating. Length of the plug cable: approx. 3 m.
- **Adjustable feet** to compensate for uneven floors.
- **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: 23cm. Capacity per drawer app. 30 blood bags, each 500 ml size.
- **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 minimises 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. In the case of power failure, the monitoring unit remains in operation for approx. 72 hours on battery power.
- **Alarms** can be forwarded using a potential-free contact (e.g., to a mobile phone with optional GSM module or to a control centre).
- **RS 485 interface** for connecting to PC-supported temperature documentation (using the optional PC-KIT).
- **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.

Specification

Capacity	500 litres
Temperature setting	+4 °C
Voltage	220 – 240 V, 50/60 Hz
Power consumption	316 watts
Normal consumption	2.5 kWh/24 h
Admissible ambient temperature	from +10 °C to +38 °C
Heat emission (max.)	417 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 heigth 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 124 kg, gross weight 154 kg

Optional equipment

- **Glass door with lock.**
- **LED illumination** mounted at the top.
- **Equipped with castors.**
- **Cooling maschine** 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).
- **GSM module** for alarm text message transmission (e.g., to a mobile phone).
- **Temperature documentation:**
  - PC-KIT-NET, PC-KIT-USB-MONITORING or PC-KIT-STICK including software for temperature documentation.
  - 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.