FOUNDED 1865
MANUFACTURER OF REFRIGERATION TECHNOLOGY FOR THE HEALTH SECTOR

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BL-100

TÜV   TÜV GS C €

2 drawers

Forced-air cooling

Standalone or undercounter installation

Automatic defrosting

Key switch

Condensate evaporation

Minimum/maximum temperature memory

Connection for forwarding alarms and for PC-supported temperature documentation

Antifreeze

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

Digital temperature display

Easy-to-clean ventilation slits
Large, smooth lamellas for easy cleaning of the ventilation slits.

Standalone or undercounter installation
The standard ventilation grid allows easy installation in functional furniture.

NEW

BL-100

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. 1.8 m.
- **Adjustable feet** positioned at the front to compensate for uneven floors.
- **Interior** made from impact-resistant, white plastic.
- **Interior consists** of two drawers on telescopic runners with stops. Stacking height: 19 cm. Capacity per drawer app. 18 blood bags, each 500 ml size.
- **Extra-thick 50-mm insulation**, made from high-quality, compression-moulded and environmentally friendly material. Energy saving.
- **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 defrosting** with time limit and temperature monitoring.
- **Condensate evaporation** in the refrigerating machine room.
- **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 the floating 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	95 litres
Temperature setting	+4 °C
Voltage	220 – 240 V, 50/60 Hz
Power consumption	160 watts
Normal consumption	0.85 kWh/24 h
Admissible ambient temperature	from +10 °C to +38 °C
Heat emission (max.)	227 watts
Overall dimensions (including distance from wall)	w x d x h = 54 x 53.5 x 82 cm
Interior dimensions	w x d x h = 44 x 43 x 47 cm (usable width 2 cm, usable depth 5 cm, usable height 8 cm less)
Exterior dimensions with door open at 90°	w x d = 54 x 106 cm
Drawer inner dimensions	w x d x h = 37 x 32 x 10 cm
Max. load drawer	25 kg
Weight	Net weight 46 kg, gross weight 50 kg

Optional equipment

- **Glass door with lock.**
- **Tabletop** (exterior dimensions: 85 cm in height).
- **Decorative door frame** for attaching the customer's decorative plates (exterior dimensions: 55 cm in width).
- **Door fitting.**
- **Equipped with castors.**
- **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.