



**Storage Overview**  
of your blood bags in aluminum drawers.



**Key switch**  
protected control panel to avoid switching off the device by mistake resp. protection against unauthorised access.

# BL-300



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 smooth aluminium with colourless protective coating. Gibs (every 15 mm) for flexible interior arrangement.
- **Interior consists** of four drawers of aluminium, three are height adjustable on telescopic runners with stops. Stacking height: 22cm. Capacity of the top three drawer app. 28 blood bags per drawer and of the lower drawer app. 20 blood bags, each 500 ml size.
- **Extra-thick 55-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 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 and temperature deviations. In the case of power failure, the monitoring unit remains in operation for approx. 72 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).
- **RS485 interface** for connecting to PC-supported temperature documentation (using the optional PC-KIT).
- **Antifreeze** against sub-zero temperatures.
- **Statically ventilated refrigerating machine**, vibration free, hermetically sealed, energy saving, low-noise, easy to service.

## Specification

Capacity	280 litres
Temperature setting	+4 °C
Voltage	220 – 240 V, 50/60 Hz
Power consumption	155 watts
Normal consumption	1.5 kWh/24 h
Admissible ambient temperature	from +10 °C to +38 °C
Heat emission (max.)	203 watts
Exterior dimensions (including door handle and distance from wall)	w x d x h = 67 x 70 x 124 cm
Interior dimensions	w x d x h = 55 x 51 x 100 cm (usable depth above: 5 cm, below: 10 cm less)
Exterior dimensions with door open at 90°	w x d = 67 x 128 cm
Drawer inner dimensions	w x d x h = 49 x 39 x 10 cm
Drawer inner dimensions	w x d x h = 51 x 31 x 10 cm
Max. load drawer	50 kg
Weight	Net weight 82 kg, gross weight 92 kg

## Optional equipment

- **Glass door with lock.**
- **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 instead of aluminium.
- **Shelf** 52.7 x 39 cm on rails or overlays (max. load: 40 kg).
- **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.