

Blood Bank Refrigerator BL-100

According to DIN 58371

- 2 Drawers
- Undercounter type
- Re-circulating air-cooling
- Automatic defrosting
- Melt water evaporation
- Digital temperature display
- Key switch protected control panel
- Minimum/Maximum temperature memory
- Optical and acoustic warning signal including power failure alarm
- Safety control device prevents freezing
- Potential free contact and interface RS 485



Capacity	95 Litres
Temperature setting	+4° C
Voltage	220 – 240 V
Frequency	50 / 60 Hz
Power draft	160 Watt
Average consumption	0,85 kWh / 24 h
Overall dimensions without work surface (incl. distance from wall)	54 x 53,5 x 82 (w x d x h in cm)
Overall dimensions with work surface (incl. distance from wall)	54 x 54 x 85 (w x d x h in cm)
Interior dimensions	44 x 43 x 47 (w x d x h in cm)
Usable dimensions	42 x 38 x 37 (w x d x h in cm)
Overall dimensions with door open at 90 °	54 x 105,5 (w x d in cm)
Drawer inner dimensions	38,5 x 32 x 10 (w x d x h in cm)
Loading capacity per drawer	25 kg
Weight	46 kg / 55 kg (net / gross)

Outer panels of galvanised sheet steel (protection against sub surface rusting), white, powder coated.

Interior of impact-resistant white plastic, hygienic, easy to clean, 2 drawers on telescopic runners. Stacking height 19 cm. Capacity per drawer app. 18 blood bags, each 500 ml size.

Insulation 55 mm, of high grade, pressure foamed and pro-environmental material. Extra thick for energy saving effect.

Lockable door with plastic magnetic sealing, easy to change. Door does not project at side when opened.

Door hinge changeable (also subsequently), standard version with hinges on right (as illustrated), deliverable also with door hinge on left at no extra charge.

Re-circulating air-cooling with cross flow blower which keeps the temperature constant and reduces the natural temperature stratification. The cross flow blower cuts out automatically when the door is opened, for a minimum loss of cold air.

Defrosting with temperature and time limit function.

Melt water evaporation in the compressor area.

Key switch protected control panel with digital temperature display, minimum/maximum temperature memory, optical and acoustic warning signal in case of temperature deviation and power failure alarm up to 72 hours, with **potential free contact** for remote monitoring. Standard equipped with **interface RS485**.

Safety control device, prevents temperatures lower than +2°C in the refrigerator.

Temperature control via temperature sensor comparable with a flask filled with 250 ml liquid.

Temperature gear by electronic thermostat. The temperature is kept automatically independent of changes in ambient temperature.

Compressor, dynamic ventilated, hermetically enclosed, energy saving, low noise, service friendly, for 220-240 V AC, 50/60 Hz mains. Other voltages on request. Length of mains cable approx. 1,8 m.

Equipment at extra charge:

- Insulating glass door with lock
- Work surface
- Decorative door frame
- Door fitting
- Castors
- Water tray for manual emptying (for setting up in e.g. operating theatres)
- GSM-Module

Appliances for temp. documentation:

- PC-Kit-Net (Network capable version), PC-Kit-Stick or PC-Kit-USB-Monitoring incl. documentation software
- Pen-recording thermometer for placing loosely inside appliance with waxed paper strips
- Disc-type pen recording thermometer with 7-day measuring cycle on top, (refrigerator height then 100 cm) with 100 recording discs and 5 felt tip pens
- Temperature probe PT 100 or PT 1000, 4 wire sensor, class 1/3 B, incl. measuring flask incorporated