

Blood Bank Refrigerator BL-176

According to DIN 58371

- 2 Drawers
- 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	170 Litres
Temperature setting	+4° C
Voltage	220 – 240 V
Frequency	50 / 60 Hz
Power draft	155 Watt
Average consumption	1,4 kWh / 24 h
Overall dimensions incl. distance from wall and door handle	69,5 x 76,5 x 121,3 (w x d x h in cm)
Interior dimensions	55 x 52 x 60 (w x d x h in cm)
Usable dimensions	53 x 41 x 47 (w x d x h in cm)
Overall dimensions with door open at 90 °	69,5 x 135,5 (w x d in cm)
Drawer inner dimensions	50,5 x 34,5 x 10 (w x d x h in cm)
Loading capacity per drawer	50 kg
Weight (*with discs type pen recording thermometer)	79 kg (*83,5 kg) / 89 kg (*93,5) kg (net / gross)

Outer panels of galvanised sheet steel (protection against sub surface rusting), white, powder coated. Adjustable feet in case of uneven floor.

Interior of smooth aluminium with clear protective coating, hygienic, easy to clean. 2 drawers made of aluminium on telescopic runners. Stacking height: 23 cm. Capacity per drawer app. 25 blood bags, each 500 ml size.

Insulation 70 mm, of high grade, pressure foamed and pro-environmental material. Extra thick for energy saving effect.

Self closing door with easy opening mechanism, as standard lockable. 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.

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

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.

Compressor, static ventilated, hermetically enclosed, with vibration-proof mountings, 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:

- 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
- Drawer insert/dividers for stainless steel drawer
- LED illumination mounted on top
- 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 with 100 recording discs and 5 felt tip pens (Refrigerator height then 131 cm)
- Temperature probe PT 100 or PT 1000, 4 wire sensor, class 1/3 B, incl. measuring flask incorporated