

# Blood Bank Refrigerator BL-520

According to DIN 58371

- 5 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	500 Litres	
Temperature setting	+4° C	
Voltage	220 – 240 V	
Frequency	50 / 60 Hz	
Power draft	316 Watt	
Average consumption	2,5 kWh / 24 h	
Overall dimensions incl. distance from wall and door handle	76,5 x 76 x 193 - 196	(w x d x h in cm)
Interior dimensions	62,5 x 56,5 x 140	(w x d x h in cm)
Usable dimensions	60,5 x 46 x 127	(w x d x h in cm)
Overall dimensions with door open at 90°	76,5 x 144	(w x d in cm)
Drawer inner dimensions	56,5 x 39,5 x 10	(w x d x h in cm)
Loading capacity per drawer	50 kg	
Weight	124 kg / 154 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. 5 drawers made of aluminium on telescopic runners, height adjustable. Stacking height: 23 cm. Capacity per drawer app. 30 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 heated stainless steel tray.

**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**, dynamic 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. 3m.

#### Equipment at extra charge:

- Self closing glass door, lockable
- Castors
- 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
- Drawer insert/dividers for stainless steel drawer
- Shelf 59,7 x 45 cm with mounting brackets or rails
- Baskets 60 x 45 x 10 cm with rails
- Aluminium tray 60 x 40 x 2,5 cm with rails
- LED illumination mounted on left side wall or on top
- Water tray for manual emptying (for setting up in e.g. operating theatres)
- GSM-Module
- Cooling machine with cold water connection
- Outer housing in stainless steel 4301, longitudinal brushed

#### 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
- Temperature probe PT 100 or PT 1000, 4 wire sensor, class 1/3 B, incl. measuring flask incorporated