

Blood Bank Refrigerator BL-300

According to DIN 58371

- 4 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	280 Litres	
Temperature setting	+4° C	
Voltage	220 – 240 V	
Frequency	50 / 60 Hz	
Power draft	155 Watt	
Average consumption	1,5 kWh / 24 h	
Overall dimensions incl. distance from wall and door handle	66,5 x 69,5 x 123,3	(w x d x h in cm)
Interior dimensions	55,5 x 51 x 100	(w x d x h in cm)
Usable dimensions	53,5 x 46 x 90	(w x d x h in cm)
Overall dimensions with door open at 90 °	67 x 127,5	(w x d in cm)
Drawer inner dimensions of 3 upper drawers	49,5 x 39,5 x 10	(w x d x h in cm)
Drawer inner dimensions of the drawer below	51 x 31,5 x 10	(w x d x h in cm)
Loading capacity per drawer	50 kg	
Weight (*with disc type pen recording thermometer)	82 kg (*89 kg) / 92 kg (*105 kg) (net / gross)	

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

Interior of smooth aluminium with clear protective coating, hygienic, easy to clean, 4 drawers made of aluminium on telescopic runners, the upper 3 drawers are height adjustable. Stacking height: 22 cm. Capacity of 3 upper drawers app. each 28, and of the lower drawer app. 20 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 easy opening mechanism, 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.

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:

- Glass door with lock
- Castors
- Additional drawer made of aluminium
- Drawer insert (Set) with 3 adjustable length and 24 adjustable (drawer below 16) cross dividers
- Additional length and cross dividers
- Drawer made of stainless steel instead of aluminium

- Drawer insert/dividers for stainless steel drawer
- Shelf 52,7 x 39 cm with mounting brackets or rails
- LED illumination mounted on top
- Water tray for manual emptying (for setting up in e.g. operating theatres) (stacking height of the drawer below then only 19 cm)
- 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 133 cm)
- Temperature probe PT 100 or PT 1000, 4 wire sensor, class 1/3 B, incl. measuring flask incorporated