

Blood Bank Refrigerator Model BL-300

according to DIN 58371

Re-circulating air-cooling • automatic defrosting • melt water evaporation • digital temperature display • minimum/maximum temperature memory • potential free contact • micro processor controlled temperature and defrost mode • safety control device prevents freezing • optical and acoustic warning device incl. power failure alarm

+ 4° C



Capacity	280 Litres
Temperature setting	+4° C
Voltage	220 - 240 V, 50/60 Hz
Power draft	155 Watt
Average consumption	1,5 kWh/24 h
Overall dimensions incl. distance from wall and door handle	w x d x h = 67 x 70 x 133 cm
Interior dimensions	w x d x h = 53 x 50 x 100 cm
Overall dimensions with door open at 90°	w x d = 67 x 130 cm
Weights (*with disc-type pen-recording thermometer)	net 82 kg, (89 kg*) gross 92 kg (105 kg*)

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 on telescopic runners.

Drawer inner dimensions of 3 upper drawers: w x d = 49,5 x 37 cm, lower drawer w x d = 49,5 x 29 cm, stacking height 22 cm. Capacity of 3 upper drawers app. each 28, and of the lower drawer app. 20 blood bags, in total app. 104 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.

Interior light via door contact switch.

Recirculating 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 automatically.

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 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 provided, the ambient temperature is approx. 3°C above the set interior temperature.

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:

- Drawer insert (shelf) with 3 fixed longitudinal dividers
- Drawer made of stainless steel instead of plastic
- Glass door with lock = Model BL-V-300
- Drawer length divider for stainless steel drawer
- Castors
- Water tray for manual emptying (for setting up in e.g. operating theatres) (stacking height then only 19 cm)
- GSM-Module

Appliances for temp. documentation:

- PC-Kit (USB-Version)
PC-Kit-Net (Network capable version), 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
- PT 100 or PT 1000 sensor for temperature recording and monitoring via EDP system