



Blood Storage Refrigerators – Series B

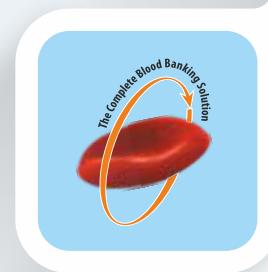
Introducing our **Best Value Series B** Blood Bank Refrigerators, designed to ensure the safe and reliable storage of Whole Blood and pRBCs at a consistent temperature of +4°C. It is available in two variants- **Base Model** and **Ultra Model**. These refrigerators offer all the essential features necessary for efficient blood storage, combining quality and affordability.

Key Features



BR 200B Ultra

- **Pull-Out Drawers:** SS perforated drawer facilitate air circulation around the blood bags.
- **Insulated Glass Door:** Offers clear visibility while maintaining internal temperature.
- **Plexiglass Shields:** Installed on each tray to prevent temperature disturbances in adjacent trays.
- **Roller Wheels with leveling jack:** For easy mobility and secure positioning.
- **Forced Air Circulation:** Ensures uniform temperature distribution across the chamber.
- **Inbuilt Stabilizer:** Equipped with a voltage stabilizer for uninterrupted performance.
- **PT 100 Type Sensors:**
 - **Glycerol Solution Sensor:** Monitors the temperature of stored blood.
 - **Air Sensor:** Commands the compressor to maintain the internal temperature.



Additional Features of Ultra Variant



LCD Display

- **Display:** LCD Display with internal data logging.
- **Memory:** Stores up to 1000 temperature records
- **Alarm Events:** Displays temperature records and alarm events on the LCD in the form of a histogram.
- **Past 24-Hour History:** Detailed temperature history display.
- **Connectivity:** RS 485 port for external connectivity and downloading temperature records to a PC via REMI Datasoft software

Technical Specifications

Particulars	BR 130B	BR 130B Ultra	BR 200B	BR 200B Ultra	BR 280B	BR 280B Ultra	BR 360B	BR 360B Ultra
Temperature Control	Microprocessor with PT-100 sensor							
Display	LED	4" LCD	LED	4" LCD	LED	4" LCD	LED	4" LCD
Internal Dimensions W x D x H (mm)	420 x 445 x 1118		500 x 500 x 1254		500 x 500 x 1504		560 x 570 x 1560	
External Dimensions W x D x H (mm)	500 x 726 x 1660		585 x 781 x 1792		583 x 781 x 2053		640 x 851 x 2135	
Internal Volume (Liters)	200		300		350		460	
Number of Drawers	5		5		7		7	
Max Capacity of Blood Bags (350ml/450ml bags)	120/105		165/135		231/189		308/252	
Max Drawer Capacity (350ml/450ml bags)	24/21		33/27		33/27		44/36	
Temperature	Preset at 4°C ± 0.5°C							
Temperature Alarm	≥ 6°C & ≤ 2°C, Audio Visual Alarm							
Power Failure Alarm	Visual Alarm							
Door Open Alarm	Audio Visual Alarm in case door open for over one minute							
Internal Body Material	Stainless Steel - 304 grade							
External Body Material	GI Sheet epoxy powder coated							
Insulation	High density polyurethane foam insulation. CFC Free							
Illumination	LED Strip							
Recorder	Seven days circular chart recorder							
Noise Level	Less Than 60 dB(A)							
Battery Backup (Controller)	Rechargeable, maintenance free battery for Display, Alarm system & Chart recorder							

*Supply: 220-240, 50Hz Single Phase