



Blood Bank Refrigerators



BR 300 Ultra



BR 240



BR 180



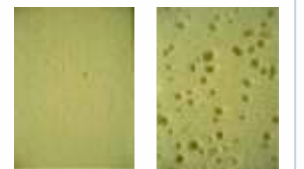
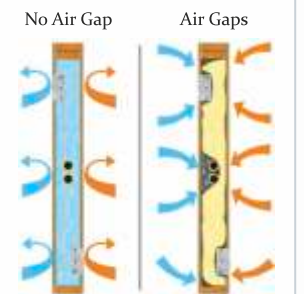
Blood Bank Refrigerators

REMI Blood Storage Refrigerators are specially designed to meet the storage requirements of whole Blood & Packed Red cells.

Cabinet Construction: Durable, corrosion resistant materials are used to provide years of reliable performance. The outer body is made up of powder Coated CRCA Steel & internal cabinet of Stainless Steel 304 (AISI Grade, Non Corrosive and Non Magnetic). The unit is fitted with heavy duty castor wheels for ease of movement.

Temperature Control & Monitoring: Microprocessor integrated system provides excellent temperature accuracy. 7 days circular chart recorder & audio visual alarm system helps to indicate storage conditions continuously.

Variants: REMI Blood Storage Refrigerators are available as BR & BR Ultra variants. Both the variants available in different capacities ranging from 72 bags to 375 bags capacity. Also higher capacity variants available for blood centers handling larger volumes.



No Gaps & No Open air pockets
 - Avoids loss of Temp.
 - Avoids Moisture Accumulation
 - Nullify impact of temp. & time on PUF quality



Blood Bank Refrigerators

Salient Features :

- Auto defrost mechanism to prevent frost formation
- Self-diagnosis & display of errors
- Safety thermostat for avoiding negative temperature
- Triple pane glass to prevent temperature loss
- Settable parameters for
 - Temperature set point
 - High/low temperature alarm point
 - Buzzer off time (LCD)
- Audio/Visual alarms for
 - Temperature high/low
 - Power failure
 - Sensor Open / Short
 - Door Open
 - Compressor on
 - Power on
- Communication through RS 485

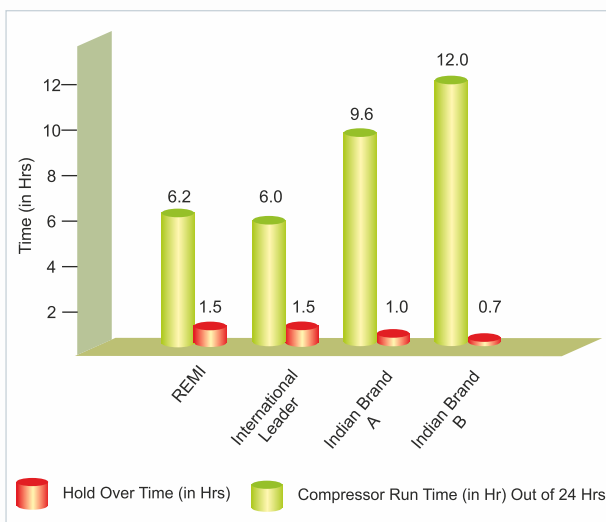


LED Display



LCD Display

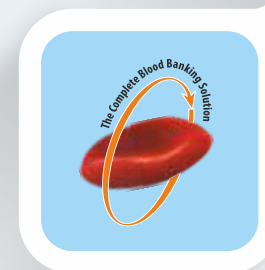
Compressor Functioning & Holdover Time (Best in Class Insulation)



* Data on file

LCD Display

- 4 Inch attractive LCD display
- Intelligent Controller helps maintain temperature in case of sensor failure
- Self-Diagnosis for errors
- Histogram format of 24 hours temperature recording
- Memory for storage of upto 1000 records
- Centronic interface to record Temperature, Date, & Time by attaching Dot Matrix printer with adjustable print interval
- Alarm on equipment / output for remote alarm



Blood Bank Refrigerators



- **Clever-Chip** (Ultra Model)
 - Provides crucial backup to maintain temperature in event of sensor failure



- Door close with **green** light indication
- Key Lock
- Control inner light
- Door open with **red** light indication



Flexi-Storage (optional)
Modular acrylic partitions to store blood bags upright

Technical Specifications										
Particulars	BR 50	BR 50 Ultra	BR 120	BR 120 Ultra	BR 180	BR 180 Ultra	BR 240	BR 240 Ultra	BR 300	BR 300 Ultra
Temperature control	Microprocessor		Microprocessor		Microprocessor		Microprocessor		Microprocessor	
Display	LED	4" LCD	LED	4" LCD	LED	4" LCD	LED	4" LCD	LED	4" LCD
Internal dimensions W x D x H (mm)	540 x 520 x 560		660 x 765 x 650		660 x 765 x 850		660 x 765 x 1050		660 x 765 x 1250	
External dimensions W x D x H (mm)	640 x 685 x 1185		800 x 945 x 1205		800 x 945 x 1435		800 x 945 x 1635		800 x 945 x 1835	
Capacity (Liters)	158		330		430		530		630	
Capacity of blood bags	Up to 72		Up to 150		Up to 225		Up to 300		Up to 375	
Number of drawers	2		2		3		4		5	
Drawer capacity	Up to 36 bags		Up to 75 bags							
Temperature	Preset at 4 ^o C ± 0.5 ^o C									
Temperature alarm	≥ 6 ^o C & < 2 ^o C, Audio visual alarm									
Internal body material	Stainless Steel 304 (AISI grade, Non corrosive, Non magnetic)									
External body material	Powder coated CRCA steel									
Insulation	50mm		80 mm, CFC free polyurethane foam							
Illumination	Fluorescent Lamp									
Recorder	Seven days circular chart recorder									
Noise level	Less than 65 db (A)									
Battery backup (Controller)	Rechargeable, maintenance free battery for Display, Alarm system & Chart recorder									
Recommended voltage stabilizer	VS 01		VS 02				VS 03			
Electrical	220-240 volts, 50 Hz, Single Phase									
Compliance	EN 60601-1,EN 60601-1-2, CE, US FDA									