

High Capacity Storage Solutions



**Walk-in Chamber
WBR**

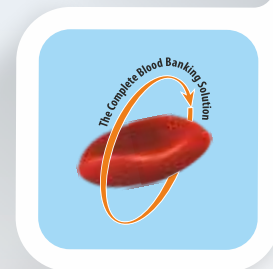


BR 500 Ultra



Stand-by dual refrigeration for backup

Ideally suited for storage of blood bags
in big hospitals, laboratories & blood banks

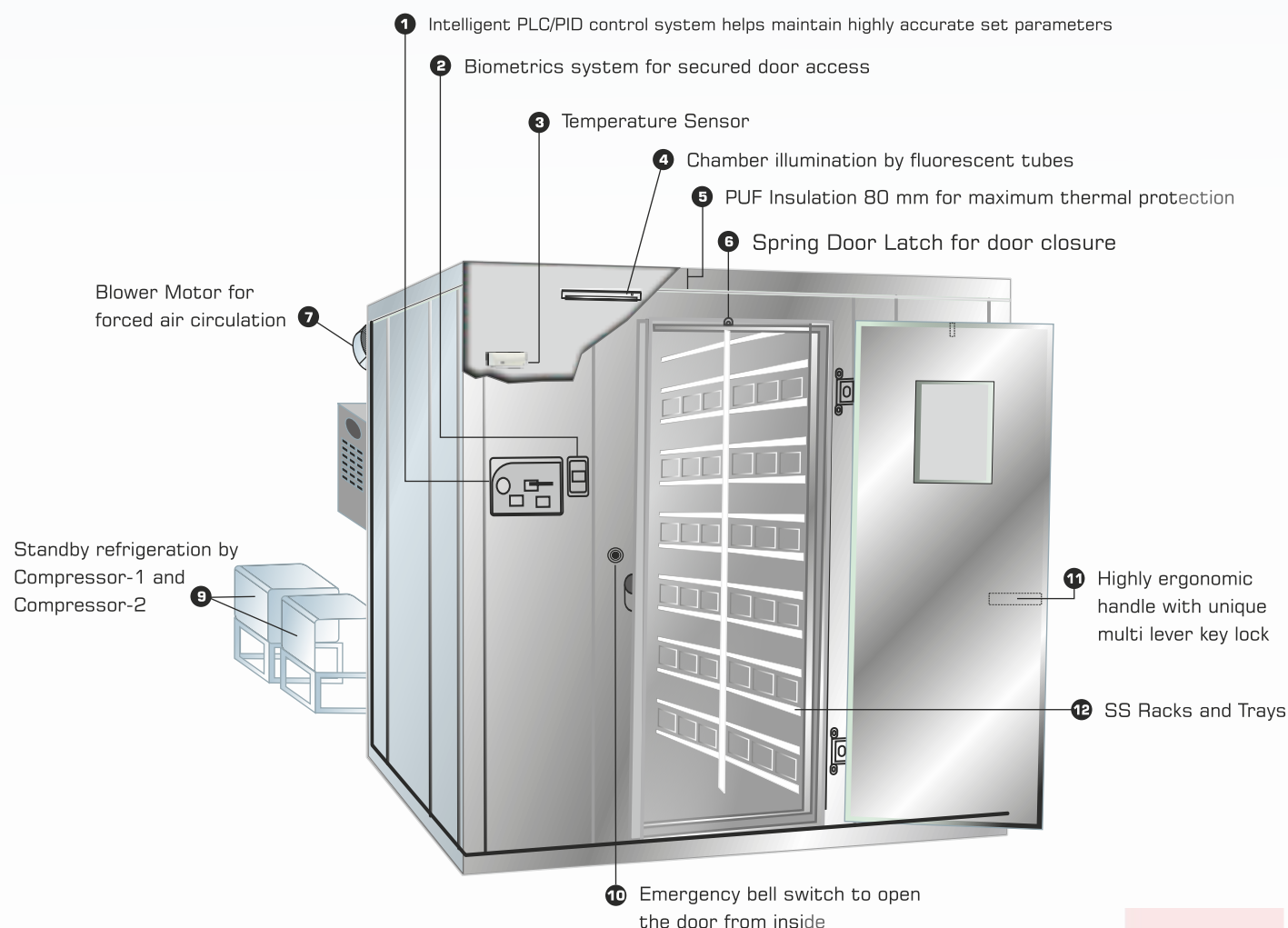


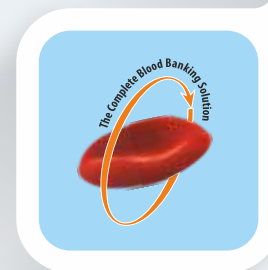
Walk-in Chamber

REMI Walk in chambers are designed to meet the storage requirements of temperature sensitive biologicals & pharmaceuticals like whole blood, packed red cells, reagents & kits. Uniform temperature conditions are maintained with the help of internal forced air circulation. The standby refrigeration system (optional) provides uninterrupted functioning. Walk in Chambers are made from pre-fabricated double

walled modular panels which are easy to assemble at site. The customization of cabinet & storage shelves can be done as per the user's requirement.

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.





Blood Bank Refrigerator



BR 400 / 500 Ultra are high capacity refrigerators for bulk storage requirement of whole blood and packed red cells.

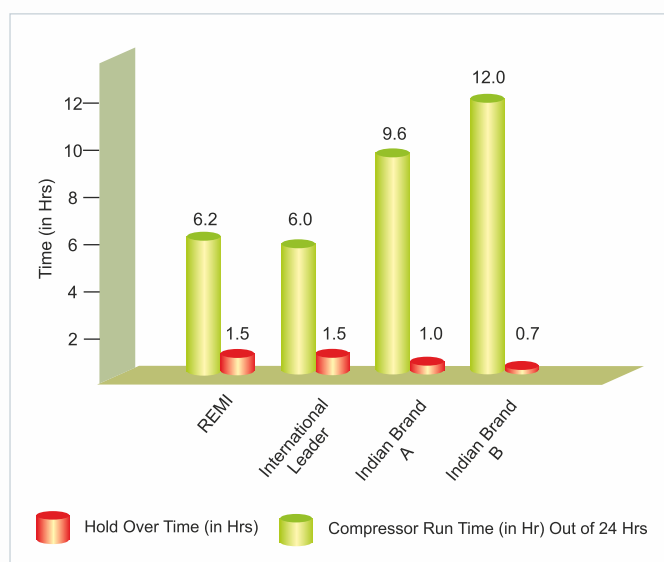
Flexi-Storage (optional)

Modular acrylic partitions to store blood bags upright



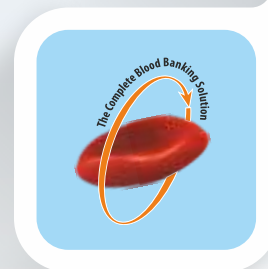
Salient Features of High Capacity Storage Unit

- Auto defrost mechanism to prevent frost formation
- Self-diagnosis & display of errors
- Safety Thermostat for avoiding negative temperature
- Settable points for
 - High / low temperature alarm point
 - Buzzer off time
- Audio/Visual alarms for
 - Temperature high / low
 - Power failure (only visual)
 - Sensor open / Short
 - Door Open
 - Compressor on (only visual)
 - Power on (only visual)
- Communication through RS 485



Compressor Functioning & Holdover Time (Best in Class Insulation)

High Capacity Storage Solutions



LCD Display

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

Optional features :

- Standby Refrigeration
- Biometric Access
- Wireless data logging

Technical Specifications

Technical Specifications				
Parameters	BR 400 Ultra	BR 500 Ultra	WBR 80 Ultra	WBR 100 Ultra
Internal volume (Liters)	700	860	8000	10000
Capacity of blood bags	Up to 525	Up to 630	Up to 1000	Up to 1500
Internal dimensions W x D x H (mm)	800 x 860 x 1030	800 x 860 x 1250	2000 x 2000 x 2000	2000 x 2000 x 2500
External dimensions W x D x H (mm)	960 x 1135 x 1840	960 x 1135 x 2160	2160 x 2950 x 2160	2160 x 2950 x 2660
Temperature range & accuracy	2° C to 6° C, Accuracy: ± 1° C			
Internal body material	Stainless Steel 304 grade			
External body material	Powder coated CRCA steel			
Insulation	80 mm, CFC free polyurethane foam		80 mm minimum, CFC free polyurethane foam	
Display	4" LCD			
Illumination	Fluorescent tubes			
Control & display	Microprocessor based PLC control system			
Audio visual alarm	Temperature Hi / Low, Door Open, Power Failure			
Recorder	Seven days circular chart recorder			
Battery backup (Controller)	Rechargeable, maintenance free battery for display, alarm system & temperature recorder			
Recommended voltage stabilizer	VS 06		VS 10	
Electrical	220-240 volts, 50Hz, Single Phase			