

# BLOOD BANK REFRIGERATOR



# BLOOD BANK REFRIGERATOR

Designed as an essential piece of equipment in the immunohematology department and provides safe and convenient storage of whole blood, blood components, reagents and ensures freshness and integrity of blood and blood components. Microprocessor integrated system provides excellent temperature accuracy and reliable performance.

Used in Immunohematology Department, Blood Bank, Laboratory, Research, Medical, Pharmaceutical.

Also known as Laboratory Blood Bank Refrigerator.

## RB11 SERIES +4/+22 BLOOD TRANSPORT BOX

- 4°C for storing blood
- 22°C for storing blood platelet
- Audible and visual alarm
- Four units of baskets inside as standard, which can load 50 blood bags of 450ml



## SPECIFICATIONS

Model	RB111
Capacity	90 L
Temperature Range	4°C or 22°C
Ambient Temperature	-5°C or 43°C
Compressor	Danfoss compressor
Alarms	High & low temperature alarm
Insulation	50 mm
Material	Whole LLDPE
External Size	1000Lx565Wx862H mm
Package Size	1135Lx636Wx1069H mm
Optional	Hydraulic support bar, Remote alarm system
Weight	73/90 kg
Power Supply	73/90 kg

# RB12 SERIES 4°C BLOOD BANK REFRIGERATOR

- Microprocessor-based temperature controller
- Large screen LCD display
- Audible and visual alarm system
- Four units lockable Caster are mounted under the bottom
- Three-layer glass door with heater around to prevent ice leak, inert gas inside and lockable
- Interior fluorescent light
- The high-effective air-cooled condenser and the fin-type evaporator



## FEATURES

	RB121	RB122	RB123	RB124	RB125	RB126	RB127
Microprocessor-based temperature controller	•	•	•	•	•	•	•
Large screen LCD display	•	•	•	•	•	•	•
Audible and visual alarm system	•	•	•	•	•	•	•
Four units lockable Caster are mounted under the bottom	•	•	•	•	•	•	•
Three-layer glass door with heater around to prevent ice leak, inert gas inside and lockable	•	•	•	•	•	•	•
Interior fluorescent light	•	•	•	•	•	•	•
The high-effective air-cooled condenser and the fin-type evaporator	•	•	•	•	•	•	•
Automatic temperature control and Defrost	•	•	•	•	•	•	•
Upright type, Exterior made from painted steel plate, Inside is stainless steel	•		•		•	•	•
3 Inner shelves (plastics wire)	•						
Forced air circulation system	•	•	•	•	•	•	•
Two in depend refrigeration system, automatic cut-in when other one damage	•		•			•	
Danfoss compressor and EBM fan motors from Germany	•		•			•	
Digital display of upper and lower temperature, two sensors		•		•	•		
Upright type, Exterior made from structural plate, interior made from ABS material		•		•			
4 units shelves (stainless steel)		•					
4 Inner shelves (wire plastics)			•				
6 units shelves (stainless steel)				•			
Polyurethane insulation is 80-95 mm					•		
5 Inner shelves (stainless steel)					•		
6 Inner shelves (wire plastics)						•	

## SPECIFICATIONS

Model	RB121	RB122	RB123	RB124
Capacity	88 L	240 L	268 L	280 L
Temperature Range	+4°C, +2~+10°C			
Display Accuracy	±0.1°C			
Refrigerant	R134a, CFC free			
Refrigeration System	International famous compressor and Germany EBM fan motor	International famous compressor and Germany EBM fan motor.		
Defrost	No frost design	No frost design		

Method				
Controller	Microprocessor Controller with LCD Display			
Control Sensor	2			
Alarms	High & low temperature alarm, Sensor failure alarm, Door open alarm, Power off alarm, System failure alarm			
Shelves	3 stainless steel drawers	Adjustable 4 units steel wire shelves	4 stainless steel drawers	Adjustable 4 units steel wire shelves
External Size	450x500x1515 mm	605x615x1617 mm	628x700x1662 mm	675x725x1675 mm
Package Size	550x620x1675 mm	605x615x1780 mm	775x780x1810 mm	675x725x1840 mm
Optional	Chart Recorder, Touch screen	Blood storage basket	Chart Recorder, Touch screen, Blood storage basket	Blood storage basket
Weight	100 Kg	96 kg	148 kg	105 kg
Input/Average Power	350 W/175 W	500 W/250 W	400 W/200 W	500 W/250 W
Power Supply	220 V,50/ 60 Hz, 110 V,50/60 Hz, 220 V,50 Hz/ 120 V,60 Hz			
Ambient Temperature	-	0°C to 32°C		

Model	RB125	RB126	RB127
Capacity	358 L	588 L	950 L
Temperature Range	+4°C, +2~+10°C		
Display Accuracy	±0.1°C		
Refrigerant	R134a, CFC free		
Refrigeration System	International famous compressor and Germany EBM fan motor.		
Defrost Method	No frost design		
Controller	Microprocessor Controller with LCD Display		
Control Sensor	2		
Alarms	High & low temperature alarm, No battery alarm, Door ajar alarm, Filter blocking alarm, System failure alarm	High & low temperature alarm, Sensor failure alarm, Door open alarm, Power off alarm, System failure alarm	
Shelves	5 units of drawers	Adjustable 5 units steel wire shelves	Adjustable 8 units steel wire shelves
External Size	700x628x1962 mm	760x800x1977 mm	780x1200x1894 mm
Package Size	512x515x1270 mm	920x950x2200 mm	885x1300x2200 mm
Optional	-	Chart Recorder, Touch screen, Blood storage basket	
Weight	-	210 kg	125 kg
Input/Average Power	-	650 W/325 W	700 W/350 W
Power Supply	220 V,50/ 60 Hz, 110 V,50/60 Hz, 220 V,50 Hz/ 120 V,60 Hz		
Ambient Temperature	0°C to 32°C		

# ACCESSORIES

Accessory Code	Name
RX1001	Temperature Printer

# OPTIONAL ACCESSORIES

Accessory Code	Name	For Models
RX1002	Chart Recorder	All
RX1004	Blood storage basket	RB121, RB122, RB123, RB124, RB126, RB127



RB121



RB122



RB123



RB124



RB125



RB126



RB127

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