



Model BBR-68 / BBR-127

The Mediref Blood Bank Refrigerators are manufactured and tested for the storage of whole blood and fluid blood plasma and its derivatives at a temperature of 4°C.

The Mediref Bench-top Blood Bank Refrigerator offers premium performance in a compact design, ideal where space is critical. Suitable for surgical suites, recovery rooms, satellite laboratories, emergency departments and holding areas.

Temperature Monitor

The Mediref M-Series microprocessor temperature monitoring system is equipped with a tamper-resistant touch-pad and a digital temperature display to the nearest 0.1 degree Centigrade, centralising all the operating, monitoring and alarm functions. The temperature sensor is constructed of corrosion-resistant material and is thermally lagged in a manner that will reflect the temperature of the blood pack being stored.

Defrosting System

The hot gas defrost system is more superior in performance than the heater defrost system. The hot gas travels through the complete cool-path and removes the ice on the evaporator 'in-situ' and causes little temperature increase in the chamber. The melt water generated is evaporated.

Air Recirculation

The air recirculation system for Mediref Blood Bank Refrigerators is effected by forced-air fan(s) to ensure there is no static hot or cold corners in the chamber. This optimises the temperature uniformity in the chamber.

Alarm System

The alarm system is a battery-operated electronic audio and visual warning system. It alerts the user of operation failure faults or

incorrect operations so that the contents are not at risk. The audio and visual alarm system is capable of operation for at least 24 hours. The audio alarm can be muted if necessary. However, it will be reactivated after 15-minutes interval if the alarm condition still prevails. The alarm system's control is independent of the refrigeration and temperature control systems. The failure of either of these elements will not affect the continued performance of the other elements.

Optional Items

- Data Loggers
- Temperature Monitoring System

Specifications

MODEL	BBR-68	BBR-127
Capacity	68 litres	127 litres
Rated storage capacity (450ml blood packs)	30	72
Cabinet construction	<ul style="list-style-type: none"> • 0.7mm thickness stainless steel cabinet. • Stainless steel control panel, base front panel, and condensate evaporation tray. • Full aluminium evaporator console 	
Cabinet insulation	CFC-free rigid polyurethane, foamed-in-place insulation.	
Working temperature	Preset at 4°C.	
Control panel	Touch-pad, icon-based controls and display for easy operation. Key operated power ON/OFF switch.	
Alarms	Audio and visual alarms with battery back-up system. Supplied with remote alarm contact as standard. Automatic reset and ring back functions.	
Alarm conditions	High-Alarm, Low-Alarm, A.C. Failure, Low Battery, Door Open and Clean Filter.	
Alarm set points	Preset at 2°C for under temperature and 6°C for over temperature	
Safety features	Supplied with RCCB and high-low pressure switches as standard.	
Refrigeration	CFC-free hermetic-seal type refrigeration with automatic defrosting and condensate removal.	
Air circulation	By a positive forced-air fan.	
Door type	Glass door with door lock. With fan switch which stops circulation fan when door is opened. Supplied with door lock as standard	
Viewing lamp	Included	
No. of drawers supplied	2 units	2 units
Drawers Material	Fully stainless steel drawers	
Interior dimensions (mm)	440 W x 400 D x 400 H	500 W x 500 D x 510 H
Exterior dimensions (mm)	510 W x 530 D x 880 H	600 W x 615 D x 985 H
Electrical	220-240 VAC, 50 Hz, 1.7A	220-240 VAC, 50 Hz, 1.9A
Weight	59 kg	69 kg

All specifications are subject to change without prior notice.