

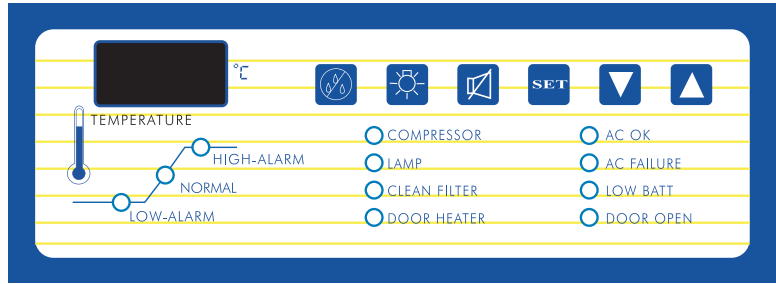


Model BBR-500



Model BBR-1050

Optional Data Logger / Wifi Monitoring System



Premium Cabinet Construction

- One-piece molded insulation cabinet
- 0.7mm thickness cabinet wall.
- Stainless steel top, bottom panel and evaporator tray
- Full aluminium evaporator console

System Features

- The control panel is equipped with a tamper-resistant touchpad and a digital temperature display to the nearest 0.1 degree Centigrade, centralising all the operating and monitoring functions.
- The controller enables you to program the temperature settings and alarm set points quickly and easily.
- During power failure, battery back-up system supplies power to the monitor for at least 24 hours.
- The audio and visual alarms will be triggered when any of these conditions occurs:
Over-temperature, under-temperature, A.C. failure, battery failure, door opened for more than 2 minutes, compressor failure, or condenser overheated (clean filter).
- The alarm can be muted with the touchpad. If the fault is still not rectified, the acoustic signal is repeated automatically at every 15-minutes interval until the cabinet temperature returns to normal.
- Remote alarm contact provided for off-site monitoring.
- Non-volatile memory ensures all set values remain intact in case of power failure.
- Lock-temperature function protects against tampering of set temperatures / values
- Off-set function for calibration use. Important for ISO / Calibration requirements.
- Self-diagnostic functions integrated into the controller ensure rapid identification and correction if a fault does occur.
- Optional data logger / temperature monitoring system.

Highlights

- Manufactured by company with MDA Manufacturer Establishment License.
- Product Registered with Medical Device Authority (MDA) - Ministry of Health.
- Manufactured by an ISO 9001:2015 and ISO 13485:2016 certified company.
- Hi-low pressure switches for compressor protection and RCCB supplied as standard.
- Hi-alarm, low-alarm, AC-failure alarm, low-battery alarm, door-open and clean-filter alarms.
- Remote alarm contact supplied as standard.
- Type-tested to Electrical Safety Test Standard MS IEC 60601-1 : 2006 : Medical electrical equipment - Part 1 : General requirements for basic safety and essential performance.
- Supplied with Electrical Safety Test Certificate (MS IEC 60601-1 : 2006)

Specifications

MODEL	BBR-250	BBR-500	BBR-1050
Capacity	350 litres	500 litres	1050 litres
Rated storage capacity (450ml blood packs)	120	200	400
Cabinet construction	<ul style="list-style-type: none"> • 0.7mm thickness stainless steel cabinet. • Mounted on castor wheels with locking screws. • 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 positive forced-air fan. Double-fan for BBR-1050.		
Cooling capacity at 5°C	740W	810W	1250W
Door type	Single, self-closing, locked-in-position (90°), dual-pane heated glass door with 1 lock	Single, self-closing, locked-in-position (90°), dual-pane heated glass door with 1 lock	Double, self-closing, locked-in-position (90°), dual-pane heated glass doors with 2 locks
Fan switch	Fan switch stops circulation fan(s) when door(s) is(are) opened.		
Viewing lamp	Included		
Drawer material	Fully stainless steel drawers		
No. of drawers supplied	4 units	5 units	10 units
Interior dimensions (mm)	510 W x 550 D x 1270 H	525 W x 640 D x 1430 H	1150 W x 640 D x 1430 H
Exterior dimensions (mm)	620 W x 735 D x 1880 H	645 W x 825 D x 2060 H	1260 W x 825 D x 2060 H
Electrical	220-240 VAC, 50 Hz, 3.2 A	220-240 VAC, 50 Hz, 3.5 A	220-240 VAC, 50 Hz, 5.4 A
Weight	95 kg	120 kg	165 kg
Optional items	<ul style="list-style-type: none"> • Data Loggers • Temperature Monitoring System • Extra Shelves 		

MODEL	BBR-700	BBR-1400
Capacity	700 litres	1400 litres
Rated storage capacity (450ml blood packs)	280	560
Air circulation	By positive forced-air fan(s). One fan	Two fans
Door type	Single glass door	Double glass doors
No. of drawers supplied	5 units	10 units
Interior dimensions (mm)	640 W x 805 D x 1230 H	1390 W x 805 D x 1230 H
Exterior dimensions (mm)	750 W x 990 D x 2060 H	1500 W x 990 D x 2060 H
Electrical	220-240 VAC, 50 Hz, 3.5A	220-240 VAC, 50 Hz, 5.5A
Weight	120 kg	165 kg

All specifications are subject to change without prior notice.