

BBR 500-D

Blood bank refrigerator - Dual refrigeration



- Battery backup - 72 hours
- Integrated data logger with memory
- RS485/RS232 interface
- On/off protection

The dual refrigeration with two separate and independent cooling systems in combination with the advanced Arctiko controller provides extreme security where needed. All important controller features are included as standard such as data logger and alarm features.

MODEL	BBR 500-D
Item code (DAI no.)	DAI 0780
Dimensions exterior WxDxH (mm)	620x860x1997
Capacity (L)	523
Temperature range (°C)	+4
Power supply (V)	230
Frequency (Hz)	50/60
Standard / max. no. of drawers	5/8
Standard / max. qty. of blood bags	240/384

BBR-D SERIES

- Stainless steel interior
- White exterior
- Automatic door closing and key lock
- Air forced cooling
- Telescopic drawers
- Right hand hinged reversible door
- Castors
- Chart recorder
- Dual refrigeration system

ALL STANDARD FEATURES

- Micro processor controller with digital display
- Approx. 72 hours battery back up for alarms, loggings and temperature display in case of power cut
- Prepared for GSM alarm
- Prepared for connection of 2 additional probes
- Auto cycle in case of probe failure
- Ambient temperature display
- Direct download of logged data on USB memory stick
- Direct upload of new software via USB memory stick
- 3-level password protected
- Battery level indication
- Display text available in different languages
- Temperature graph
- Integrated data logger
- RS485/RS232 interface
- Integrated memory for 20 years
- Visual and acoustic alarm
- Adjustable high/low temperature alarm
- Power failure alarm
- Probe failure alarm
- Instrument failure alarm
- Open door alarm
- Contact for remote alarm
- Shows all alarms

+ 4 °C

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Technical specifications

Item code	DAI 0780
Dimensions exterior WxDxH (mm)	620x860x1997
Capacity (L)	523
Dimensions interior WxDxH (mm)	500x695x1505
Insulation (mm)	60
Temperature range (°C)	+4
Max. ambient temperature (°C)	25
Power supply (V)	230
Frequency (Hz)	50/60
Power consumption (KWH/24H)	3,53
Current (A)	1,3
Weight (KG)	163
Shipping weight (KG)	186
Shipping weight with wooden packaging (KG)	-
Shipping dimensions WxDxH (mm)	990x750x2200
Shipping dimensions with wooden packaging WxDxH (mm)	-
No. of compressors	2
Visual / acoustic alarm	Yes
Power failure alarm	Yes
Adjustable high/low temperature alarm	Yes
Open door alarm	Yes
Probe failure alarm	Yes
Alarm display as text - not codes	Yes
Contact for remote alarm	Yes
Prepared for GSM alarm module	Yes
Approx. hrs of battery back up for alarms and temperature display in the event of power cut	72 hours
Porthole for installation of PT100/CO ₂ back up	No
Digital display	Yes
Data logger	Yes
RS 232 interface	Yes
RS 485 interface	Yes
USB up/down load	Yes
Defrost manual / auto	Yes
Castors	Yes
Chart recorder	Yes
Drawers (pcs)	5
Adjustable drawers	5
Baskets (pcs)	No
Sub lids / doors (pcs)	No
Lighting	Yes
Lock	Yes
Inner liner material	Stainless steel
Cabinet material	Varnished steel
Colour (exterior)	White
Refrigerant	R134a

Optional



1 The GSM alarm module sends a SMS message to one or several coded telephone numbers in case the temperature exceeds a fixed range.



2 SVS voltage stabilizers for excellent output voltage stability in case the voltage rises or drops.



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