

Blood Bank Refrigerator: Blood Bag Storage at + 4 C.



DBR-603



DBR-1003



Model No.	Capacity Liters / Bags ¹	Style / Drawers	Ext. Dimensions (W * D * H)	Current A
DBR - 303	100 / 30	Upright / 3	20" * 20" * 50"	1.4
DBR - 603	200 / 60	Upright / 3	25" * 25" * 50"	1.4
DBR - 1003	300 / 125	Upright / 5	25" * 25" * 68"	2.4
DBR - 1503	450 / 180	Upright / 5	29" * 29" * 72"	2.4
DBR - 2103	590 / 240	Upright / 6	30.5" * 29" * 80"	3.9
DBR - 3003	835 / 360	Upright / 6	30.5" * 39" * 82"	4.5
DBR - 4803*	1344 / 480	Upright / 12	62" * 29" * 84"	4.5
DBR - 6803*	1900 / 720	Upright / 12	62" * 39" * 82"	6.2

* Double door models. Temperature: +4 C.

Refrigerant:134a Electrical supply: 230 V, 1φ, 50 Hz.

¹ Capacity is based on primary whole blood bag volume of 450 ml.

<<Plus Points>>

Cabinet Construction:

- * Exterior CRC steel epoxy powder coated body and interior cabinet from AISI-304 stainless steel body.
- * High density **CFC-Free** foamed-in-place insulation conforms to international standard.
- * Key controlled door latch lock for added security.
- * CRC powder coated solid insulated door.
- * Force draft high efficiency cooling unit for positive air flow system to maintain uniform inner cabinet temperature and maintain efficient cooling in adverse ambient condition.
- * Rolled out stainless steel drawers for keeping blood bags.
- * Castors for easy mobility with breaks in front.

Condensing Unit:

- * Air cooled **CFC-Free** refrigeration system with high CFM fans.
- * Hermetically sealed industrial grade compressors for continuous operation.
- * Low noise level Quiet operation.
- * Performs in an ambient temperature up to 43 C.

Control System:

- * Key operated power ON/OFF switch with power indicator light.
- * **Microprocessor based μ P 404 control system resolution to 0.1 C.**
- * Set temperature and actual temperature read out.
- * RTD PT-100 sensor for accurate temperature sensing.
- * Provision for RS - 485 computer interface.
- * Separate sensors for temperature controlling and indication system.

Error Indication and alarming system;

ERROR	LED Indication	Alarming
* High Temperature.	YES	YES
* Low Temperature.	YES	YES
* Door Open.	YES	YES
* High Voltage.	YES	YES
* Low Voltage.	YES	YES
* Power failure.	YES	YES
* Condenser clogged / Fan off.	YES	YES
* Sensor fail.	YES	–

* LED indication for safe temperature and compressor ON.
* **Rechargeable battery back up system** for temperature recording and indicating system during power failure.
* **Inbuilt 7 days Temperature Chart Recorder.**
* **Inbuilt voltage stabilizer** for voltage correction.

Electric Supply: * 220 V AC, 1 ϕ , 50 Hz.

Optional Accessories: * Data cable with software for data management.
* Full view dual pane toughen glass door.



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