



BLOOD BANK REFRIGERATOR

'**eltek** Blood Bank Refrigerator' is specially designed incorporating aesthetic design and latest technologies for Blood Bank applications. These refrigerators are available in 10 basic models to suite storage requirements. They are equipped with Hermitical type heavy duty compressors. Inner chamber having direct airflow system for temperature uniformity to maintain a vital operational temperature of 4°C. The Micro-Controller based LCD graphic display ensures crystal clear and accurate temperature values from long distance. The transparent inner Acrylic door provides clear viewing of material kept in the chamber.

Salient Features :

- › Micro controller based graphic LCD display.
- › CFC free refrigerant and high density PUF insulation.
- › Audio-Visual alarm when the temperature deviates.
- › Built-in 7 days chart recorder.
- › Motors with impeller for temperature uniformity in chamber.
- › LED lamp for chamber inside visibility.
- › Perforated Stainless Steel heavy duty baskets.
- › Heavy Duty Castor wheels for easy mobility.
- › Door open alarm.
- › Password protected control panel



Technical Specifications :

MODEL NO.	EBR-100	EBR-200	EBR-300	EBR-400	EBR-500	EBR-600	EBR-700	EBR-800	EBR-900	EBR-1000
Temperature	4°C	4°C	4°C	4°C	4°C	4°C	4°C	4°C	4°C	4°C
Inner size(mm)	450x450 x500	500x450 x900	550x500 x1100	600x560 x1200	600x600 x1400	700x650x1320	1040x650x1050	1040x650x1200	1030x700x1350	1100x700x1300
Accuracy	± 0.5°C	± 0.5°C	± 0.5°C	± 0.5°C	± 0.5°C	± 0.5°C	± 0.5°C	± 0.5°C	± 0.5°C	± 0.5°C
Storage Volume	100 Ltrs	200 Ltrs	300 Ltrs	400 Ltrs	500 Ltrs	600 Ltrs	700 Ltrs	800 Ltrs	900 Ltrs	1000 Ltrs
Storing Cap. of Blood bags Apx.(ml)	65x350 ml 46x450 ml	175x350 ml 141x450 ml	206x350 ml 175x450 ml	275x350 ml 265x450 ml	333x350 ml 278x450 ml	425x350 ml 392x450 ml	496x350 ml 457x450 ml	600x350 ml 550x450 ml	676x350 ml 620x450 ml	900x350 ml 826x450 ml
No. of Baskets	3	4	4	4	5	5	6	8	8	8
Power Supply	230 VAC 50Hz	230 VAC 50Hz	230 VAC 50Hz	230 VAC 50Hz	230 VAC 50Hz	230 VAC 50Hz	230 VAC 50Hz	230 VAC 50Hz	230 VAC 50Hz	230 VAC 50Hz
Tray & Chamber MOC	S S-304	S S-304	S S-304	S S-304	S S-304	S S-304	S S-304	S S-304	S S-304	S S-304
No. of Chamber Blowers	1 Axial Fan	2 Axial Fan	2 Axial Fan	2 Blower motors	2 Blower motors	2 Blower motors	2 Blower motors	2 Blower motors	2 Blower motors	2 Blower motors

Optional Accessories :

- › Data Logger with 2 Channel RTD Sensor with thermal Printer.
- › 8/4 Channel temperature data scanner with sensors, printer interface data management, pen drive data retrieval facility.
- › Mobile alert via GSM in case system fails.
- › Power Failure alarm.
- › Glass door.
- › Auto - Defrost System
- › Interface Facility Through Rs485 port
- › Battery Back-up for Display and Chart Recording

Calibration :

The equipment is calibrated with the help of master calibrator, which is certified for its accuracy by **Electronics Regional Test Laboratory (ERTL-Mumbai)**.