

Blood Bank Refrigerators

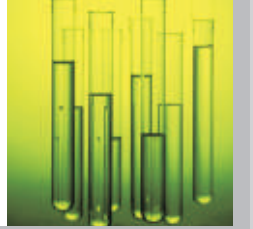


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Blood Bank Refrigerators

Introduction

We are manufacturers of blood bank refrigerators in India since last two decades.. Our blood bank refrigerators are conceptualized and designed to meet the challenging requirements of modern day blood banks to efficiently conserve whole blood and its derivatives beside variety of other products such as vaccines, primers, culture media etc. We strongly believe in the principle of quality first and everything else to follow, which reflects in our products, which are renowned for long trouble free services in various blood banks, hospitals and research institutes across India and abroad.

Our blood bank refrigerators are made of corrosion free metal components with advance poly urethane insulation ensuring maximum thermal efficiency and durability.

We specialize in both standard and customized models of blood bank refrigerators specially designed to meet various special requirements of our customers across India and abroad..

Over a short period of time Weiber brand have been established as a leading exporters of blood bank refrigerators in India, catering to South Asian, African And European Markets. Beside the regular exports we are also catering to our domestic market and are suppliers of our blood bank refrigerators to various blood banks, hospitals, nursing homes and research faculties.

Models:

- ACM-42103 L

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Salient Features:

- Corrosion free exterior and interior
- Designed for long storage of blood
- Environmental friendly CFC free cooling
- Special design ensuring best hygiene
- Digital temperature indication.
- Micro processor based temperature control
- Audio visual alarm for high and low temperature.
- PUF insulation.
- Reliable
- Energy Efficient
- Sturdy Construction
- Low Maintenance
- Light Weight

Construction Details:

Weiber blood bank refrigerators is double walled cooled units. Outer body of our blood bank refrigerators are constructed out of thick m.steel/ aluminum sheets, painted with long lasting stove enamel or elegantly powder coated.. The inner chamber is made of heavy gauge stainless steel sheet of SS-304 grade or anodized aluminum sheet or G.I. (as per the customer's requirements). The 100 mm gap between the walls is filled high grade poly urethane insulation, which ensures maximum thermal efficiency .

Outer Panels: The outer panels of all our blood bank refrigerators are made of galvanized sheets having a superior bacteria resistance film coating for greater hygiene

Interior Construction: The interior of our blood bank refrigerators are constructed of high grade stainless steel sheets of grade ss-304, thus making it easier to clean and ensure greater stability and life.

Door: The doors are connected by very sturdy chrome plate hinges and fitted with hard chrome plated lubricated latches for opening the door. The doors are made of galvanized steel sheets, lined with stainless steel for extra protection and long life. All the doors are fitted with high quality neoprene rubber gaskets for air tight fittings.

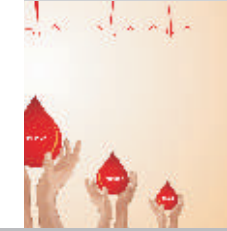
Floor: The floor of our blood bank refrigerators are constructed out of hardened and reinforced steel sheets containing spills for easy cleaning and hygiene

Castors: The unit is provided with very sturdy castors

Individual Locks: The chambers of the refrigerators are provided with individual multi channel lock for safety and security.

Cooling: An energy efficient cooling unit is installed in our mortuary chambers. We use ISI marked high end CFC free compressors of Kirloskar/Tecumseh make, conforming to latest international standards and guidelines.

Temperature Range: Temperature range of our standard blood bank refrigerators models are 2o c to 4o c. . However we have the capacity to modify the same to suit the individual specialized requirements of our customers.





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Temperature Control: The temperature inside our blood bank refrigerators is controlled through programmable micro-processor based temperature controller cum indicator.

Temperature Sensitivity: Temperature inside our seed germinator are controlled with a sensitivity of ± 1 o c or better.

Audio Visual Temperature alarm: An audio visual temperature alarm is provided in the unit for protection during temperature fluctuations.

Illumination: Our blood bank refrigerators are provided with door operated illumination system comprising of fluorescent lights,

Temperature Recorder: The unit is fitted with a strip chart recorder, which records the temperature inside the refrigerator 24x7. This is a electrical device with a battery back up.

Front Panel: Front panel of our units comprises of on/off switches cooling and mains indicator lamps, temperature controllers and voltmeters.

Capacity

(a)	Capacity 85 litres (50 Blood Bags)
(b)	Capacity 165 litres (110 Blood Bags)
(c)	Capacity 200 litres (200 Blood Bags)
(d)	Capacity 280 litres (250 Blood Bags)
(e)	Capacity 400 litres (360 Blood Bags)



Temperature Control

Temperature Sensitivity	\pm °C	1 or better
Spatial Deviation In Temperature	\pm °C	1 or better
Readability	°C	0..1
Temperature range	°C	2°C to 4°C
Temperature Sensor		PT-100
Temperature Controller		Solid State digital Controller/PID optional
Display		LED/LCD
Adjustable alarm limits		Optional With PID controller only.
Safety thermostats		
Temperature variation Adjustments		3 (With PID Controllers only)
Temperature Sensors		PT-100
Automatic temperature setting		Yes (With PID Controllers only)
Adjustable limits		Yes (With PID Controllers only)
Air Circulation		Forced
Refrigerant		R134A Non CFC
Accessories		
Program (Real Time)		optional
Data Acquisition Program		optional
Serial Port (Printer)	RS232C	optional
Inspection window in door		optional
Capacity		
Standard		50/110/200/250/360 bags
Internal Dimensions	mm	Model Specific
Maximum Permitted load per shelf	kg	155 Kg
Accessories		
Printer Report Program		optional
2 x 24 characters LCD Display		optional
Access Port 30 mm		optional
Castors, lockable		Yes
Power consumption		
Nominal power	W	950-1450
Nominal voltage	V	220-230 Volts, 50 Hz Single Phase
Frequency	Hz	50



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ACMAS TECHNOCRACY PVT. LTD.

SALES OFFICE (INDIA)

312-313, Vardhman Capital Mall, L.S.C. 10,

GulabiBagh, Delhi-110052, INDIA

Tel: 0091-11-23646703, 23643054

(M) +91-9313971681 | Email: india@acmasindia.com

SALES OFFICE (HONG KONG)

Unit D 28 11/f Wing Tat Comm, Bldg 97,

Bonham Strand East, Sheung Wan, HONG KONG (PRC).

Tel: 0086-13929598046 | 0086-18922303099

Email: hk@acmasindia.com

SHOWROOM

141, Rai Industrial Estate, Rai, Sonapat,

Haryana-131029, INDIA

Tel: 0091-0-9312219738 (M) +91-9717741167

Email: info@acmasindia.com

SALES OFFICE (RUSSIA)

Inmed Trade Street, Ozerkovsky Embankment,

Unit No 50 Straine-1, Off-502, Moscow, RUSSIA

Tel: 0049-79592345 | Email: russia@acmasindia.com