



**BLOOD BANK REFRIGERATOR
LD-LBBR-A14**

Blood Bank Refrigerator LD-LBBR-A14 is a microprocessor-controlled upright type unit, offers 368 L of capacity and 2 to 6°C of temperature setting range with 16 to 32°C ambient temperature. With built-in sensors for upper/lower zone temperature, ambient temperature, evaporator temperature, and operation control, features high precise temperature control system and automatic defrost. Equipped with return air duct design and advanced air cooling with DC/DC power management module, has R134a refrigerant, EBM fan motor and high-efficient compressor. Designed with spray cold rolled steel plate housing and stainless-steel interior, has 5 steel coated wire shelf with 20 blood- basket. Incorporated with digital display and advanced audible and visual alarm system, this blood bank refrigerator also supports RS485 interface and printer.

Features:

- A microprocessor-controlled upright type unit with 368 L of capacity
- 2 to 6°C of temperature setting range with 16 to 32°C ambient temperature
- Built-in sensors for upper/lower zone temperature, ambient temperature, evaporator temperature, and operation control
- High precise temperature control system and automatic defrost, stable operation
- Return air duct design with advanced air cooling, uniform temperature control
- DC/DC power management module, energy-efficient and stable operation
- R134a refrigerant, EBM fan motor and high-efficient compressor, safe and stable
- Spray cold rolled steel plate housing and stainless-steel interior, easy-to-maintain
- 5 steel coated wire shelf with 20 blood- basket, organized and efficient storage
- Digital display, allows $\pm 1^{\circ}\text{C}$ of temperature precision inside cabinet
- Advanced audible and visual alarm system, ensures safe operation
- Supports RS485 interface and printer

Applications:

Blood bank refrigerator is used for safe and convenient storage of whole blood, blood components such as blood cells, plasma etc., and reagents across blood bank, hospitals, health and disease prevention systems, research institutions, colleges & universities, electronic industry, biological engineering, biotechnology, military enterprises, deep-sea fishing companies, etc.

Specifications:

Model No.	LD-LBBR-A14
Capacity	368 L
Cabinet type	Upright
Temperature setting	2 to 6 °C
Ambient temperature	16 to 32 °C
Cooling method	Air cooling
Defrost	Automatic
Refrigerant	R134a
Climate Class	N
Controller	Microprocessor
Display	Digital display
Compressor	1 pc
Alarm system	High/Low temperature, Power failure , Low battery, Sensor error, Door ajar, Condenser overheating, Built-in datalogger USB failure
External Material	Spray cold rolled steel plate
Internal Material	Stainless steel
Insulation thickness	54 mm
Shelves	5 (coated steel wired shelf)
Blood basket	20
Casters	4 (2 casters with brake) + (2 leveling feet)
Door lock with Key	Yes

Access Port	1 pc. Φ 25 mm
Data Logging/Interval/Recording Time	USB/Record every 10 min/ 2 years + Printer output data
Backup Battery	Yes
Power supply	220 V 50 Hz
Power	350 W
Power consumption	3.56 kW/24 h
Rated current	2.4 A
Internal dimension (W×D×H)	677×493×1145 mm
External dimension (W×D×H)	806×723×1870 mm
Packaging dimension (W×D×H)	860×760×2023 mm
Net weight	163 kg
Gross weight	200 kg
Standard Accessories	RS485 Printer
Optional Accessories	Remote alarm contact