



# **Blood Bank Refrigerator LBRR-A12**

Blood Bank Refrigerator LBBR-A12 is a return duct air designed, microprocessor-controlled unit, offers 2 to 6°C of temperature setting range and 268 L of capacity. Features built-in sensors for upper/lower zone temperature, ambient temperature, evaporator temperature, and operation control for stable operation. Equipped with advanced air-cooling method, automatic defrost mode and R134a refrigerant, has DC/DC power management module, high-efficient compressor and EBM fan motor. Designed with spray cold rolled steel plate housing, stainless steel interior and 2 inner doors, has 5 steel wire coated shelves with 15 blood baskets. Equipped with digital display and advanced alarm system, it also supports RS485 interface, printer and remote alarm contact, makes it an optimal unit for storage of different blood components.

## Features

- ❑ A return duct air designed microprocessor-controlled unit, precise and stable control
- ❑ 2 to 6°C of temperature setting range with 268 L of capacity, efficient storage
- ❑ Built-in sensors for upper/lower zone temperature, ambient temperature, evaporator temperature, and operation control
- ❑ Advanced air-cooling method with automatic defrost mode and R134a refrigerant
- ❑ DC/DC power management module with high-efficient compressor and EBM fan motor
- ❑ Spray cold rolled steel plate housing, stainless steel interior and 2 inner doors
- ❑ 5 steel wire coated shelves with 15 blood baskets, organized storage
- ❑ Digital display, convenient setting and monitoring of different parameters
- ❑ Advanced alarm system, ensure safe and stable operation
- ❑ Supports RS485 interface, printer and remote alarm contact
- ❑ High-efficient, stable and reliable unit for storage of different blood components

## Application

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	LBBR-A12
Capacity	268 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	15
Casters	4 (2 casters with brake) + (2 leveling feet)
Inner door	2
Door lock with Key	Yes
Access Port	1 pc. Φ25 mm
Data Logging/Interval/Recording Time	USB/Record every 10 min/ 2 years
Backup Battery	Yes
Power supply	220 V 50 Hz

Internal Dimension (W×D×H)	530×490×1145 mm
External Dimension (W×D×H)	640×700×1856 mm
Packaging Dimension (W×D×H)	750×805×2013 mm
Net Weight	125 kg
Gross Weight	187 kg

## Standard Accessories

Accessories no.	Name
1	RS485
2	Printer
3	Remote alarm contact