



# **Blood Bank Refrigerator LBRR-A11**

Blood Bank Refrigerator LBBR-A11 is an upright type microprocessor-controlled unit, comes with 170 L of capacity and 2 to 6°C of temperature setting range. With high precise temperature control system and automatic defrost, features return air duct design and advanced air cooling with power management module. Equipped with built-in sensors for upper/lower zone temperature, ambient temperature, evaporator temperature, and operation control, has advanced audible and visual alarm system. Designed with powder coated materialized housing and aluminum plate with spraying interior, has 3 steel coated wire shelf with 9 blood- basket. Incorporated with R290 refrigerant, EBM fan motor and high-efficient compressor, it also supports RS485 interface and remote alarm contact.

## Features

- ❑ An upright type microprocessor-controlled unit, precise temperature control
- ❑ 170 L of capacity with 2 to 6°C of temperature setting range, efficient operation
- ❑ High precise temperature control system and automatic defrost, stable operation
- ❑ Return air duct design and advanced air cooling with power management module
- ❑ Built-in sensors for upper/lower zone temperature, ambient temperature, evaporator temperature, and operation control
- ❑ Advanced audible and visual alarm system for different operation parameters
- ❑ Powder coated materialized housing and aluminum plate with spraying interior
- ❑ 3 steel coated wire shelf with 9 blood- basket, organised and efficient sample storage
- ❑ R290 refrigerant, EBM fan motor and high-efficient compressor, safe and stable
- ❑ Supports RS485 interface and remote alarm contact

## 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-A11
Capacity	170 L
Cabinet type	Upright
Temperature setting	2 to 6°C
Ambient temperature	16 to 32°C
Cooling method	Air cooling
Defrost	Automatic
Refrigerant	R290
Climate Class	N
Controller	Microprocessor
Display	Digital display
Compressor	1 pc
Alarm system	High/Low temperature, High ambient temperature, Power failure , Low battery, Sensor error, Door ajar, Condenser overheating, Built-in datalogger USB failure, Communication error
External Material	Powder coated material
Internal Material	Aluminum plate with spraying (optional SS)
Insulation thickness	55 mm
Shelves	3 (coated steel wired shelf) (optional SS drawer)
Blood basket	9
Casters	4 (2 casters with brake)
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

Power	230 W
Rated current	1.64 A
Internal Dimension (W×D×H)	525×550×690 mm
External Dimension (W×D×H)	658×772×1283 mm
Net Weight	106 kg

## Standard Accessories

Accessories no.	Name
1	RS485
2	Remote alarm contact

## Optional Accessories

Accessories no.	Name
1	Printer