



Blood Bank Refrigerator LD-LBBR-A20

Blood Bank Refrigerator LD-LBBR-A20 is an upright type refrigerator comes with 1008 L capacity and offers 576 bags blood storage capacity (450 capacity of each Blood Bags). Features with microprocessor control and digital display ensures the inside temperature at $4 \pm 1^{\circ}\text{C}$ with 0.1°C resolution and multiple sensors placing inside the liquid-loaded monitor bottles, simulating blood bag, constantly monitor the temperature inside. Designed with direct cooling system and auto defrost mode, equipped with eco- friendly refrigerant CFC-Free, Built-in high-precision microcomputer temperature control system and platinum resistor temperature sensors. It offers high or low temperature alarm, Door open alarm and Keyboard lock, password protection function to prevent arbitrary adjustment of operating parameters.

Features :

- ❑ Designed with high-precision microcomputer temperature control system and platinum resistor temperature sensors ensure more precise temperature control
- ❑ Temperature range at $4 \pm 1^{\circ}\text{C}$
- ❑ Powerful compressor, energy-saving and highly efficient
- ❑ The cabinet is made from CFC-free polyurethane material, improving thermal insulation performance to a large extent
- ❑ The epoxy coated exterior anti-bacteria, easy cleaning
- ❑ Multi air-flow plenum system ensures excellent temperature uniformity
- ❑ Designed with insulation door with double-layer glass and magnetic seals decrease air leakage
- ❑ Lockable caster for easy mobility
- ❑ Multi-layer SUS304 drawer evaporator, fast cooling
- ❑ Door frame heating design prevents sealed strip from frosting
- ❑ Dual door design with independent locks reduces air leakage
- ❑ Forced air circulation system
- ❑ Testing hole at back of freezer for convenient testing
- ❑ Offers upright type, with LED digital display

- ❑ Designed with Alarm functions for High/low Temperature, Power Failure, Sensor Error, Low Battery, Door Ajar, High Ambient Temperature, USB Failure
- ❑ Design with safety door lock, ensure sample storage is more secure
- ❑ Built in thermal printer to print and record temperature test data

Application :

Blood Bank Refrigerator is used in scientific research, cryogenic test on special materials, blood plasma cryopreservation, low temperature resistance test on biological materials, vaccines, biological products and military products, etc. and Suitable for use in research institutions, the electronic industry, the chemical industry, hospitals, the health & disease prevention system, laboratories in colleges & universities, military enterprises, etc.

Specifications:

Model	LD-LBBR-A20
Cabinet type	Upright
Capacity	1008 L
Blood Storage Capacity	576 bags (450 capacity of each Blood Bags)
Temperature range	4±1°C
Ambient temperature	10 to 32°C
Refrigerant	CFC-Free
Defrost Mode	Auto
Cooling Type	Forced Air cooling
Controller	Microprocessor
Display	LED digital display
Noise	42 dB
Compressor	Yes
Alarm system	High and low temperature
External material	Power Coated Steel
Inner material	Stainless Steel

Shelf/Basket	12 SS Drawers
Door	Double Glass Door
Door lock	Yes
Test hole	Yes
High/low Temperature Alarm	Yes
Power Failure Alarm	Yes
High/low Voltage Alarm	Yes
Sensor Error Alarm	Yes
Low Battery Alarm	Yes
Casters	4
Electrical Heater	Yes
System	Sensor error
Door Ajar	Yes
Power consumption	513 W
Power supply	220 to 240V, 50 to 60 Hz
Internal dimension	1100 × 710 × 1325 mm
External dimension	1220 × 878 × 1885 mm
Packing dimension	1300 × 960 × 2080 mm
Net weight	256 kg
Gross weight	286 kg

Optional Accessories:

Accessories no.	Name
1	Chart recorder
2	Data Logger