



TemplinTM
preserving life

Blood Bank Refrigerators



4°C Blood Bank Refrigerator TBBR-168

Features

- High-brightness digital temperature display allowing temperature display reach 0.1°C.
- Lockable door with key to prevent from opening door without authorizing.
- Aluminum fined copper tube and high-effective air-cooled type evaporator.
- Audible and visible alarm system with high/low temperature alarm, power failure alarm, door ajar alarm, power failure alarm,etc.
- 2-layer glass window door with auto defrost features ensuring temperature uniformity.



- •Return air design for precise temperature control
- •High-efficiency refrigeration for security of blood
- •3 stainless steel drawers
- •9 blood basket
- •Constant temperature under intelligent control

Scope of Application

Suitable for use in blood banks, hospitals, health and disease prevention systems, research institutions, colleges & universities, the electronic industry, biological engineering, laboratories in colleges & universities, military enterprises, deep-sea fishing companies, etc.



Overview

4 °C Blood Bank Refrigerator XC-168L is a reliable blood storage refrigerator for safeguarding security of whole blood, blood plasmas, blood compartments and blood samples. The intelligent constant temperature control ensures the temperature control precision within 2~6°C inside the cabinet, which can perfectly promise the temperature uniformity. The blood storage refrigerator equipped with auto-defrost glass door ensures safe medical or lab material storage.

Constant Temperature under Intelligent Control

- Return air duct design, ensuring a temperature control accuracy at 0.1°C inside the cabinet;
- High-precision computerized temperature control system, built-in sensors for upper/lower zone temperature,
- ambient temperature, evaporator temperature, and operation control, ensuring safe and stable operation.

Security System

Perfect audible and visual alarm system comes with alarm functions for high temperature, low temperature, sensor failure, door ajar, and power failure.

High-efficiency Refrigeration

- Advanced air cooling design, precision temperature control, safeguarding security of blood;
- Stainless steel inner container, copper tube evaporator, powerful refrigeration.

Human-oriented

- Equipped with 3 stainless steel drawers;
- Can hold 117 blood bags in 400ml for each.

Model	TBBR-168
Cabinet type	Upright
Capacity(L)	168
Internal size(W*D*H)mm	525*550*744
External size(W*D*H)mm	654*774*1330
Package size(W*D*H)mm	700*837*1492
NW/GW(Kgs)	116/144
Performance	
Temperature range	2-6°C
Ambient temperature	16-32°C
Climate class	N
Controller	Microprocessor
Display	HD intelligent touch screen
Refrigeration	
Compressor	1pc
Cooling method	Air cooling
Defrost mode	Automatic
Refrigerant	R290
Insulation thickness(mm)	R/L:55, B:50

Construction	
External material	PCM
Inner material	Stainless steel
Drawers	3(Stainless steel drawers)
Door lock with key	Yes
Access port	1pc.Ø 25 mm
Casters	4 (2 casters with brakes)
Data logging/Interval/Memory capacity	USB/Record every 5 minutes / 10 years
Backup battery	Yes
Alarm	
Temperature	High/Low temperature,High ambient temperature
Electrical	Power failure , Low battery
System	Sensor failure,Door ajar,Condenser overheating,Communication error
Accessory	
Options	Charter recorder
Standard	RS485,Remote alarm contact

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