



TemplinTM
preserving life

Blood Bank Refrigerators



4°C Blood Bank Refrigerator TBBR-618

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
- 6 stainless steel drawers
- Constant temperature under intelligent control
- 6 temperature probes

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-618L 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.

Multiple security protection

- Open the refrigerator securely with fingerprint, swipe card and electronic password to prevent malicious entry, input data intelligently, and quickly check the status of samples

Human-oriented

- Equipped with 6 stainless steel drawers;
- Can hold 312 blood bags in 450ml for each.

Model	TBBR-618
Cabinet type <small>pc/ChinaCabinet_Typeet_Type</small>	Upright
Capacity(L)	618
Internal size(W*D*H)mm	685*690*1373
External size(W*D*H)mm	818*942*1978
NW/GW(Kgs)	218/310
Performance	
Temperature range	2-6°C
Ambient temperature	16-32°C
Cooling performance	4°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)	L/R:55,B:50

Construction	
External material	PCM
Inner material	Stainless steel
Drawers	6(Stainless steel drawer)
Door lock with key	Yes
Casters	4 (2 casters with brake)
Data logging/Interval/Memeory Capacity	USB/Record every 5 minutes / 10 years
Access port	1pc. Ø 25 mm
Backup battery	Yes

Alarm	
Temperature	High/Low temperature,High ambient temperature
Electrical	Power failure , Low battery
System	Sensor failure,Door ajar,Condenser overheating,Built-in USB datalogger failure

Accessory	
Standard	RS485,Remote alarm contact
Option	Chart recorder



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