



TemplinTM
preserving life

Blood Bank Refrigerators



4°C Blood Bank Refrigerator TBRR-380

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.
- Non-CFC rigid polyurethane insulation to avoid redundant heating.

Structure



- Return air design for precise temperature control
- High-efficiency refrigeration for security of blood
- 5 dip-coating shelves with label strips
- 15 dip-coating blood bag frames
- Constant temperature under intelligent control

● Scope of Application

Blood storage refrigerator suitable for storage of whole blood, blood platelets, red blood cells, biological products, vaccines, drugs, reagents, etc.; Suitable for use in blood banks, hospitals, research institutions, disease prevention & control centers, etc.

● Overview

°C

4 Blood Bank Refrigerator XC-380L 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 of 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 precision of $\pm 1^{\circ}\text{C}$ 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 fault, door opening, 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

Refrigeration System

- Equipped with brand high-efficient compressor, EBM fan motor, performing efficient energy and quiet.
- 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.

Automatic Defrost

- Return air duct design, ensuring a temperature control precision of $\pm 1^{\circ}\text{C}$ inside the cabinet;
- Equipped with automatic defrost function, force defrost.

Humanized Design

- Equipped with 5 dip-coating shelves with label strips;
- 15 dip-coating blood bag frames (optional stainless steel frame).

Model	TBBR-380
Cabinet type	Upright
Capacity(L)	380
Internal size(W*D*H)mm	604*494*1310
External size(W*D*H)mm	717*660*1999
NW/GW(Kgs)	134/154

Performance

Temperature range	2-6°C
Ambient temperature	16-32°C
Cooling performance	4°C
Climate class	N
Controller	Microprocessor
Display	Digital display

Refrigeration

Compressor	1pc
Cooling method	Air cooling
Defrost mode	Automatic
Refrigerant	R290
Insulation thickness(mm)	L/R:48, B:50

Construction

External material	PCM
Inner material	Stainless steel
Drawers	5(coated steel wired drawers)
Door lock with key	Yes
Access port	1pc. Ø 25 mm
Casters	4 (2 caster with brake)
Data logging/Interval/Memory capacity	USB/Record every 10 minutes / 100,000data

Alarm

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

Accessory

System	Remote alarm contact,RS485
Optional	Chart recorder

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