4±1°C Blood Bank Refrigerator

Precise Temperature Control
Safeguarding Security of Blood

LTO4-588U

🌡 **Constant Temperature under Intelligent Control**
High-precision computerized temperature control system: The cabinet has built-in high-sensitivity temperature sensors and an automatic temperature control module, ensuring a temperature control precision of ±1°C inside the cabinet.

🔑 **Security System**
The well-developed audible & visual alarm system makes it safer for storage

❖ **High-efficiency Refrigeration**
Equipped with environmentally-friendly Freon-free refrigerant and compressor supplied by an international famous brand, the refrigerator is characterized by fast refrigeration and low noise.

👥 **Human-oriented**
The spring switch for fan control can stop the fan motor when the door is opened and restart the fan motor automatically when the door is closed;
The high-quality steel wire shelves are easy to clean and convenient for storage and removal of things.

Control System

Electronic temperature controller;
The digital average temperature display facilitates observation and monitoring of temperature inside the cabinet, and the precision of temperature display reaches 0.1°C.
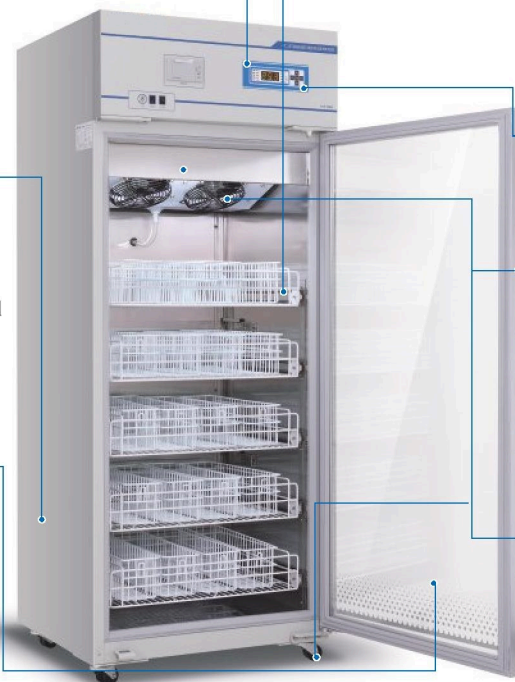
Refrigeration System

Equipped with environmentally-friendly Freon-free refrigerant and compressor supplied by an international famous brand, the refrigerator is characterized by fast refrigeration and low noise.
Air cooling：Fan for air circulation.

Anti-condensation heating function of the door

· The door has anti-condensation heating function, which is convenient for operation in an environment with high humidity.
· The spring switch for fan control can stop the fan motor when the door is opened and restart the fan motor automatically when the door is closed.

Supplies/Accessories

Baskets for blood storage are optional and easy to use.

Alam System

· Built-in sensor for alarm，the well-developed alarm system (high/low temperature alarm, door opening alarm, high volt-age/low voltage alarm, sensor failure alarm, power outage alarm) makes it safer for storage;
· Turn-on Delay & Stopping Interv al Prot- ection;
· The door is equipped with a lock (a padl- ock is optional), preventing it from openi- ng accidentally.
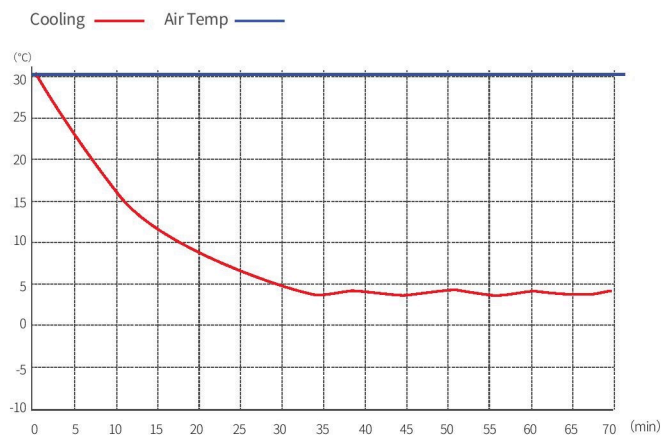
Human-oriented

· The high-quality steel wire shelves are easy to clean and convenient for storage and removal of things.
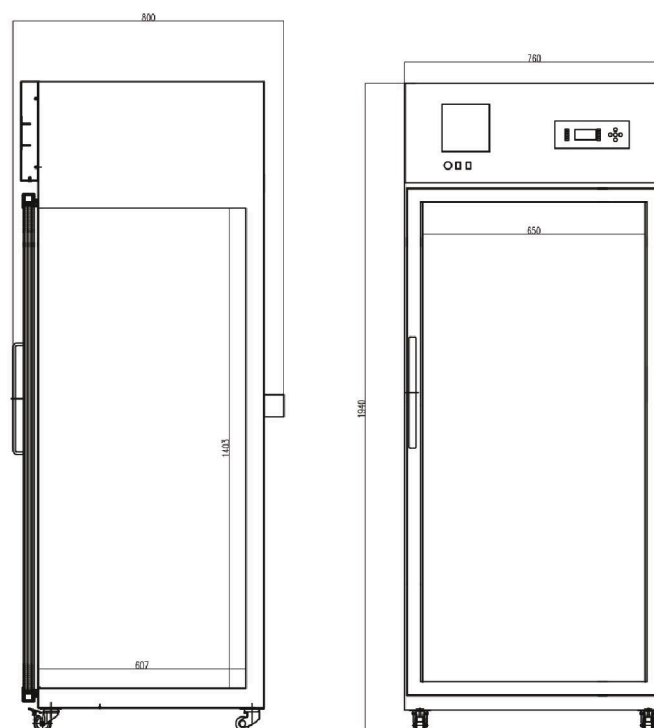· There are four universal casters at the bottom of the cabinet, which have the function of self-locking.

✔ 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.

Performance Data / Cooling Curve

Cooling —— Air Temp ——

(°C)

30
25
20
15
10
5
0
-5
-10

0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 (min)

External Dimensions

800

760

650

1403

1840

607

Specification Chart

4±1°C Blood Bank Refrigerator

Model	LT04-588U
Cabinet Type	Upright
Capacity(L)	588
Internal Size(W*D*H)mm	650*607*1403
External Size(W*D*H)mm	760*800*1940
Package Size(W*D*H)mm	890*865*2118
NW/GW(Kgs)	159/216

Performance

Temperature Range	4±1°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	R134a
Insulation Thickness(mm)	55

Construction

External Material	Spray cold rolled steel plate
Inner Material	Stainless steel
Shelves	5(coated steel wired shelf)
Door Lock with Key	Yes
Blood Basket	20
Access Port	1pc. Ø 25 mm
Casters	4 (2 caster with brake)
Data Logging/Interval/Recording Time	Printer/Record every 20 minute / 7days
Door with Heater	Yes

Alarm

Temperature	High/Low temperature,
Electrical	Power failure , Low battery
System	Sennor error,Door ajar

Electrical

Power Supply(V/HZ)	220/50
Rated Power(W)	580
Input Power(W)	750
Power Consumption(KWh/24h)	5.13
Rated Current(A)	3.43

Options Accessory

System	Chart recorder

*The model, parameters and performance specified in this brochure may be changed without prior notice because of product upgrading.
*There may be differences between the product images shown in this brochure and the actual products. When you are buying any product, please check the actual product.

Constance
Ultimate German Refrigeration Technology