



## Blood Bank Refrigerator

### Overview

Blood Bank Refrigerator offers a large internal volume of 558 liters, suitable for storing a high volume of medical-grade materials. It integrates a forced air circulation ensures even temperature distribution throughout the chamber. The automatic defrost feature eliminates ice build-up, enhancing cooling efficiency. Our Blood Bank Refrigerator is ideal for use in blood banks, research laboratories, diagnostic centers, and emergency departments

Capacity	558 L / 19.7 Cu. Ft
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Temperature Range	4±1.0°C
Temperature Accuracy	±1.0°C
Cabinet Type	Upright
Climate Class	N
Sound Level	45 dB
Cooling Type	Forced Air Cooling
Defrost Type	Auto
Refrigerant Type	R600a
Refrigerant Quantity	52g
External Material	Stainless Steel
Internal Material	Pre-Coated Metal
Controller	Microprocessor
Display Panel	LED
Backup Battery Endurance	24 Hours
Blood Bag Capacity	308 (400ml blood bags)
Temperature Uniformity	Less than 2°C
Temperature Volatility	±1.0°C
Door Type	Foamed Glass Door
Rated Current	2 A
Power Consumption	320 W
Power Supply	220V to 50/60H
External Dimensions (W×D×H)	750 × 810 × 1920 mm
Internal Dimensions (W×D×H)	660 × 590 × 1560 mm
Net Weight	150 kg
Gross Weight	161 kg

Features :

- Microprocessor temperature control system
- Advanced multi-layer insulation technology
- LED digital temperature display
- Multiple alarm systems (temperature, power, door)
- 90° door opening design for easy access
- Blood storage optimization
- Uniform temperature distribution
- Meets blood bank regulations

**Applications:**

Blood Bank Refrigerator is a specialized medical cold storage unit designed to safely preserve whole blood, plasma, and other blood components at a stable temperature. It is ideal for use in blood banks, research labs, diagnostic centers, emergency departments, and clinical transfusion.