

BIOBASE BBR-4V296

- Blood Bank Refrigerator 4°C

This is the **main fridge** for storing whole blood & RBC* at 4°C.

SPECIAL FEATURES - BBR-4V296

1. Temperature Performance:

- Temp Range: 4±2°C (2-6°C)
- Accuracy: 0.1°C* - digital precision
- Uniformity ≤1.5°C, Stability ≤2°C - everywhere inside same temp
- Forced air refrigeration - fan circulates cold air, ensures uniform temp, no hot spots
- Fast cooling: Cool down to 5°C in ≤70 min even when ambient 32°C
- Fast recovery: Recovers to 6°C within ≤15 min after door opening
- Refrigerant: R134a CFC-free, 175g
- International famous compressor + copper condenser

2. Construction:

- Unibody design + mono-assembly foaming - rigid polyurethane insulation - prevents heat leak
- Internal: Stainless steel - rust proof, easy clean blood spill
- External: Sprayed steel plate with anti-bacteria coating
- Electric heated glass outer door - semi-foam door with lock - no frosting, you can see blood bags without opening
- Individual transparent inner acrylic doors (3 pcs) - when you open outer door, only one basket exposed - reduces cold loss 70%
- Automatic defrost - no ice build-up

3. Storage Design:

- Capacity 296L - mid size
- 4 adjustable shelves - stainless steel
- 12 blood storage baskets - wire baskets, can be classified by blood group A, B, AB, O
- Blood bag capacity: 156 bags of 450ml (also 195 if 200ml bags)
- Casters: 4 casters - 2 with brakes

4. Safety Alarms - Audio + Visual:

- High and low temperature alarm
- Sensor failure + System failure alarm
- Door ajar alarm
- Power failure alarm
- Battery switch alarm

5. Control:

- Microprocessor control
- LED display - shows current temp
- Multiple sensors design - precise monitoring

TECHNICAL SPECIFICATIONS

- Temp Range 2~6°C (4±1°C)
- Temp Accuracy 0.1°C
- Uniformity / Stability ≤1.5°C / ≤2°C
- Control Microprocessor
- Display LED
- Refrigeration Forced air, air-cooling
- Refrigerant R134a CFC-free 175g
- Compressor International famous, 1 pc
- Condenser/Evap Copper tube aluminum fin
- Defrost Automatic defrost
- Internal Stainless steel
- External Cold-rolled steel + anti-bacteria powder coating
- Outer Door Electrically heated glass door with lock
- Inner Door 3 pcs transparent acrylic inner doors
- Shelves 4 pcs adjustable
- Baskets 12 pcs
- Blood Bags 450ml 156 bags
- Power 267W
- Power Supply AC 220V±10%, 50Hz (110V optional)
- Casters 4 pcs (2 universal with brake)
- External Size W×D×H 630 x 666 x 1658 mm
- Package Size 762 x 812 x 1866 mm