

# TECHNICAL DATA SHEET

## MODEL BBR380

### 4°C BLOOD BANK REFRIGERATOR



## MDR Certification

**0.2**  
H

**1-Minute  
Door Opening  
Recovery**

**.9**  
H

**Pull-Down  
to 4°C**

**240**  
Bags

**Blood Bag  
Recommended  
Maximum Load**

*Typical data based on internal prototype testing with set point at 4°C and ambient temperature at 25°C, may vary between units.*

## SPECIFICATIONS

### → 2-6°C Blood Bank Refrigerator

Model	BBR380
Capacity	380L (13.42 cuft)
Internal Chamber Size (W X D X H)	606 X 494 X 1310mm (23.86 X 19.45 X 51.57 in)
External Size (W X D X H)	717 X 660 X 1999mm (28.23 X 25.98 X 78.70 in)
Package Size (W X D X H)	778 X 723 X 2165mm (30.63 X 28.46 X 85.24 in)
Product Weight (Kgs/Lbs)	134kg (295.42 lbs)
Shipping Weight (Kgs/Lbs)	154kg (339.51 lbs)

### → Performance

Temperature Range	2-6°C
Ambient Temperature	16-32°C
Climate Class	Indoor Use Only
Controller	Microprocessor
Display	Digital Display

### → Refrigeration

Compressor	Single
Cooling Method	Forced Air Cooling
Defrost Mode	Automatic
Refrigerant	R290
Insulation Thickness (mm)	D:67, L/R:48/50, U/D:62/78

## → Construction

External Material	PCM
Inner Material	Stainless Steel
Drawers	5 (Coated Steel Wire)
Access Test Port	1 pc. 025mm
Casters	4+ (2 Casters with Brake)
Data Logging/Interval/Recording Time	USB/Record Every 10 Minutes/100,000 Data
Interface	Remote Alarm Contact, RS485
Backup Battery	Yes

## → Alarms

Temperature	High/Low Temperature, High Ambient Temperature
Electrical	Power Failure, Low Battery, Data Logger Failure
System	Sensor Error, Main Board Communication Error, Condenser Overheating Alarm, Door Ajar

## → Electrical

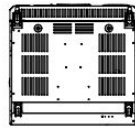
220-240V/50 & 60Hz
2.2A

## → Certifications

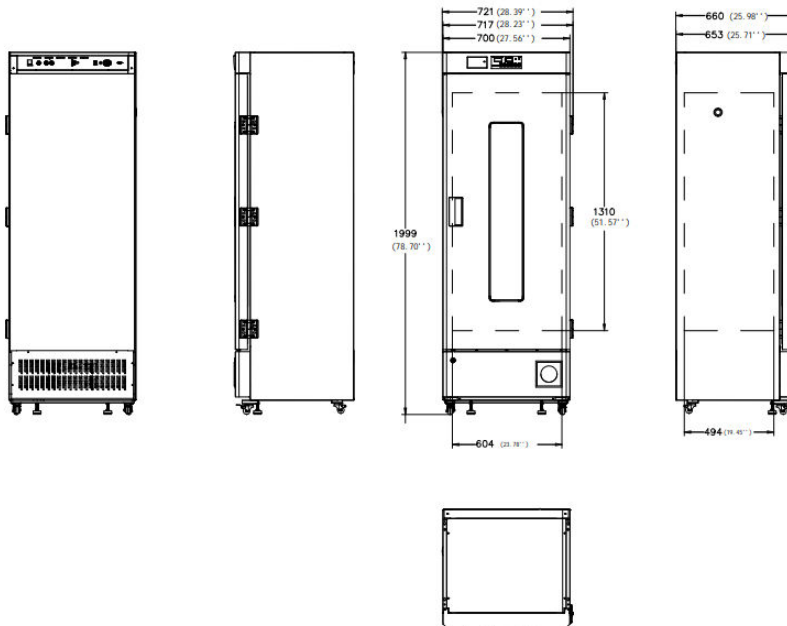


UL (2020-12-18; 2022-11-30 (A1); 2024-09-27 (A2) - E509170)  
 CE (SHEM220200088401 HSC)  
 NSF456 (EPH-000378-0)

Manufacturing Facility certified to ISO 9001:2015 and  
 ISO 13485:2016 quality management system standards  
 Medical device classification: Class II (U.S), Class IIa (EU MDR)



## DIMENSIONS



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REDEFINING COLD