

TECHNICAL DATA SHEET

MODEL BBR168

4°C BLOOD BANK REFRIGERATOR



MDR Certification

<h1>0.25</h1> <h2>H</h2>	<h1>1.25</h1> <h2>H</h2>	<h1>117</h1> <h2>Bags</h2>
1-Minute Door Opening Recovery	Pull-Down to 4°C	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	BBR168
Capacity	168L (5.93 cuft)
Internal Chamber Size (W X D X H)	525 X 550 X 744mm (20.67 X 21.65 X 29.29 in)
External Size (W X D X H)	654 X 774 X 1330mm (25.75 X 30.47 X 52.36 in)
Package Size (W X D X H)	700 X 837 X 1492mm (27.56 X 32.95 X 58.74 in)
Product Weight (Kgs/Lbs)	116kg (255.74 lbs)
Shipping Weight (Kgs/Lbs)	144kg (317.47 lbs)

→ Performance

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

→ Refrigeration

Compressor	Single
Cooling Method	Forced Air Cooling
Defrost Mode	Automatic
Refrigerant	R290
Insulation Thickness (mm)	L/R:55, B:50

→ Construction

External Material	PCM
Inner Material	Stainless Steel
Drawers	3
Access Test Port	1 pc. 025mm
Casters	4+ (2 with Brake)
Data Logging/Interval/Recording Time	USB/Record Every 5 Minutes/10 Years
Interface	Remote Alarm Contact
Backup Battery	Yes

→ Alarms

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

→ Electrical

220-240V/50 & 60Hz
1.79A

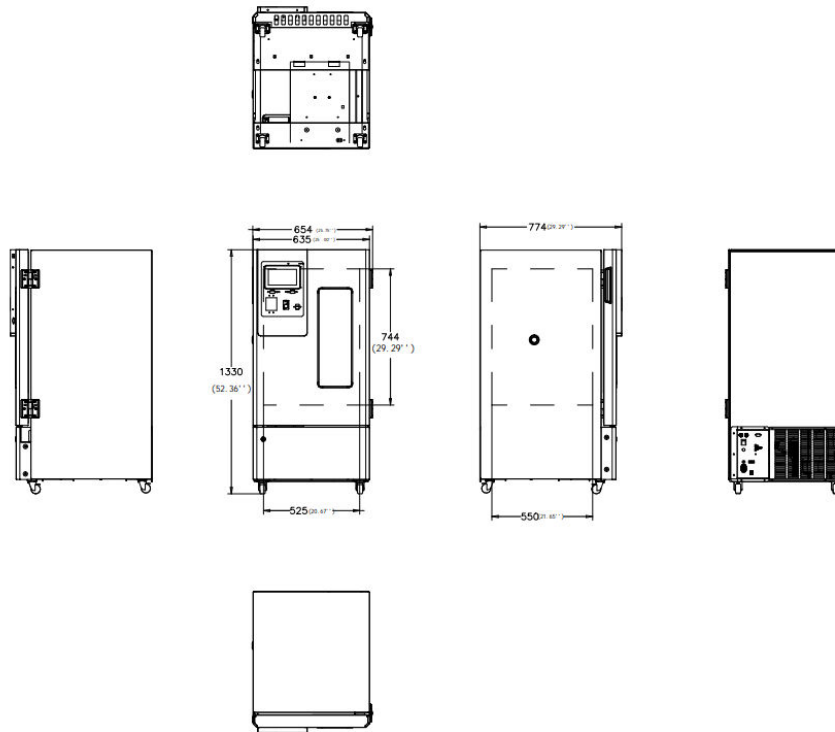
→ Certifications



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