

TECHNICAL DATA SHEET

MODEL BBR630

4°C BLOOD BANK REFRIGERATOR



MDR Certification

0.2
H

**1-Minute
Door Opening
Recovery**

.9
H

**Pull-Down
to 4°C**

408
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	BBR630
Capacity	630L (22.25 cuft)
Internal Chamber Size (W X D X H)	685 X 690 X 1373mm (26.97 X 27.17 X 54.06in)
External Size (W X D X H)	812 X 912 X 1978mm (31.97 X 35.91 X 77.87 in)
Package Size (W X D X H)	852 X 962 X 2131mm (33.54 X 37.87 X 83.90 in)
Product Weight (Kgs/Lbs)	185kg (407.85 lbs)
Shipping Weight (Kgs/Lbs)	233kg (513.68 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:55, B:50, U/D:55/55

→ Construction

External Material	PCM
Inner Material	Stainless Steel
Drawers	6 (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
3

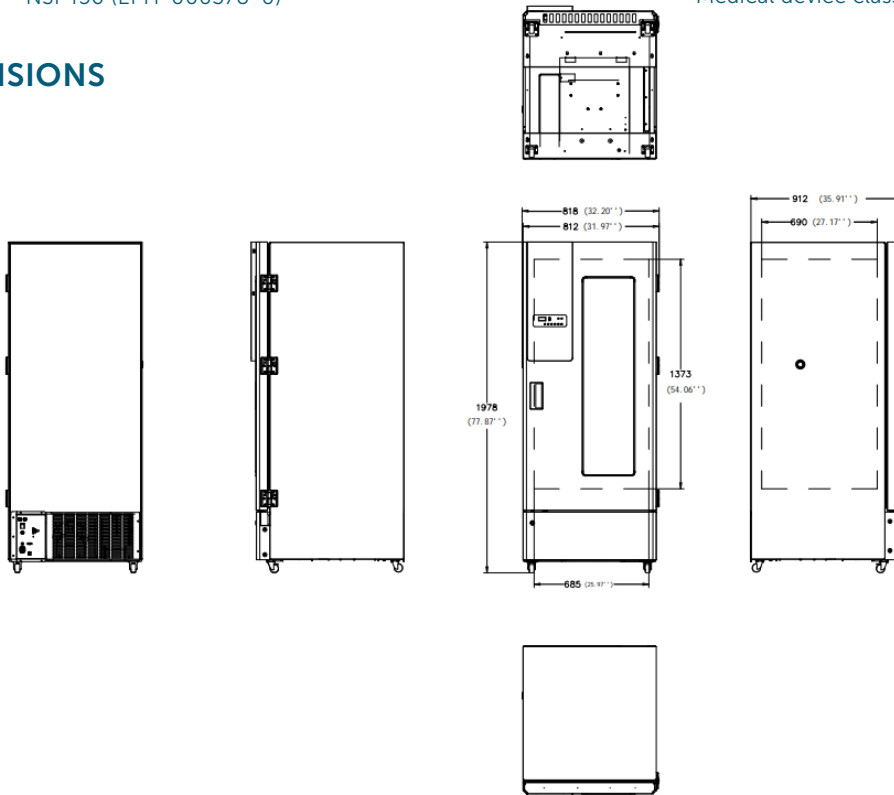
→ Certifications



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