



TECHNICAL DATA SHEET

MODEL UP1320RG DOUBLE DOOR REFRIGERATOR



GCI
LIFE SCIENCES

Stable refrigeration designed to protect sensitive samples and reagents.



0.5
°C

Temp. Uniformity

25
Minutes

Pull-Down to 5°C

6
Minutes

1-Minute Door Opening Recovery

Typical freezer data based on internal testing with setpoint at 5°C and ambient temperature at 25°C.

SPECIFICATIONS

→ 2-8°C Refrigerator

Model	UP1320RG2
Capacity	1320L (46.62 cuft)
Internal Chamber Size (W X D X H)	1340 X 670 X 1515mm (52.75 X 26.38 X 59.65 in)
External Size (W X D X H)	1453 X 826 X 1998mm (57.20 X 32.52 X 78.66in)
Package Size (W X D X H)	1588 X 991 X 2179mm (62.52 X 39.01 X 85.79in)
Product Weight (Kgs/Lbs)	258kg (568.80 lbs)
Shipping Weight (Kgs/Lbs)	350kg (771.62 lbs)

→ Performance

Temperature Range	2-8°C
Ambient Temperature	16-32°C
Climate Class	Indoor Use Only
Controller	Microprocessor
Display	7" HD Intelligent Touch Screen

→ Refrigeration

Compressor	Single
Cooling Method	Forced Air Cooling
Defrost Mode	Automatic
Refrigerant	R290
Insulation Thickness (mm)	D:55, L/R:55, B:55, U/D:65/80

→ Construction

External Material	Powder Coated Steel
Inner Material	Stainless Steel
Shelves	10
Access Test Port	Single, 25mm diameter
Casters	2 locking, 4 total
Data Logging/Interval/Recording Time	USB/Record Every 5 Minutes/100,000 data
Interface	Remote Alarm Contact, RS485
Backup Battery	Yes

→ Alarms

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

→ Electrical

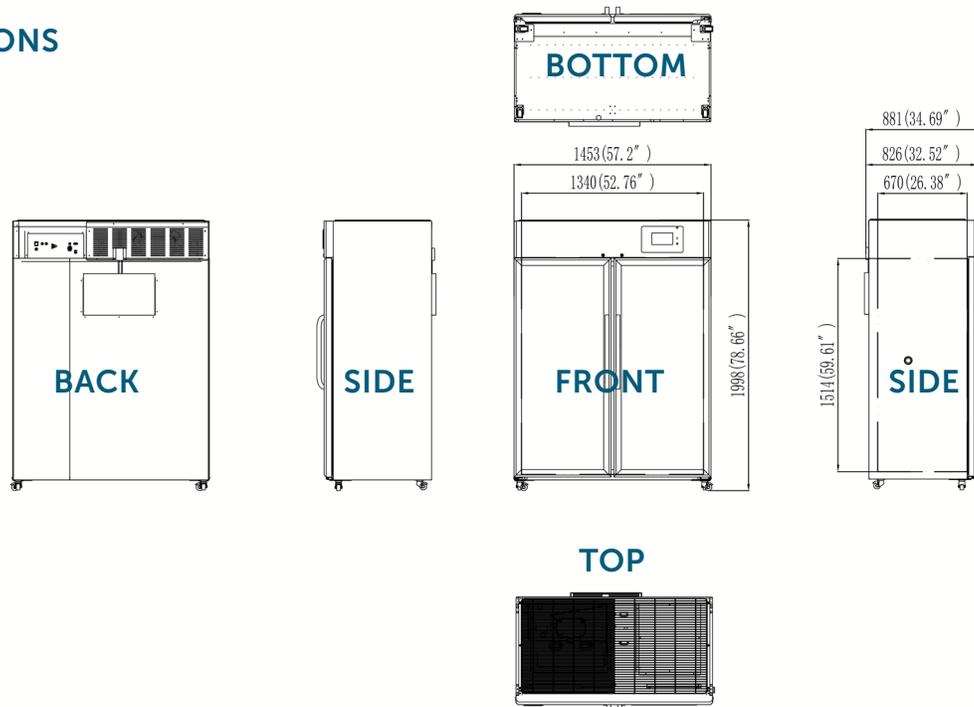
OPTION 1	OPTION 2
110V/60HZ	220-240V/50HZ
10.55A	5.59A

→ Certifications

UL (2022-05-31; 2023-04-23 (A1) - E509170)
CE (SHES230601140101)

Manufacturing Facility certified to ISO 9001:2015 and
ISO 13485:2016 quality management system standards
Medical device classification: Class 1 (US) and Class 1 (EU)

DIMENSIONS



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REDEFINING COLD