

TECHNICAL DATA SHEET

MODEL UC13RG UNDERCOUNTER REFRIGERATOR



Stable refrigeration designed to protect sensitive samples and reagents.

0.9
°C

Temp. Uniformity

37
Minutes

Pull-Down to 5°C

4
Minutes

1-Minute Door Opening Recovery

Typical freezer data based on internal testing with setpoint at 5°C and ambient temperature at 22°C.

SPECIFICATIONS

→ 2-8°C Refrigerator

Model	UC13RG
Capacity	130L (4.59 cuft)
Internal Chamber Size (W X D X H)	554 X 510 X 558mm (21.81 X 20.08 X 23.18 in)
External Size (W X D X H)	650 X 625 X 810mm (25.59 X 24.60 X 23.15 in)
Package Size (W X D X H)	720 X 703 X 880mm (28.35 X 27.68 X 34.64 in)
Product Weight (Kgs/Lbs)	51kg (112.44 lbs)
Shipping Weight (Kgs/Lbs)	61kg (141.10 lbs)

→ Performance

Temperature Range	2-8°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	R600a
Insulation Thickness (mm)	D:55, L/R:48, B:50

→ Construction

External Material	Powder Coated Steel
Inner Material	Powder Coated Aluminum
Shelves	3
Access Test Port	1 pc. 025mm
Casters	2+ (2 Leveling Feet)
Data Logging/Interval/Recording Time	USB/Record Every 10 Minutes/100.00 data
Interface	Remote Alarm Contact, RS485
Backup Battery	Yes

→ Alarms

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

→ Electrical

OPTION 1	OPTION 2
110V	220-240V
2.28A	1.1A

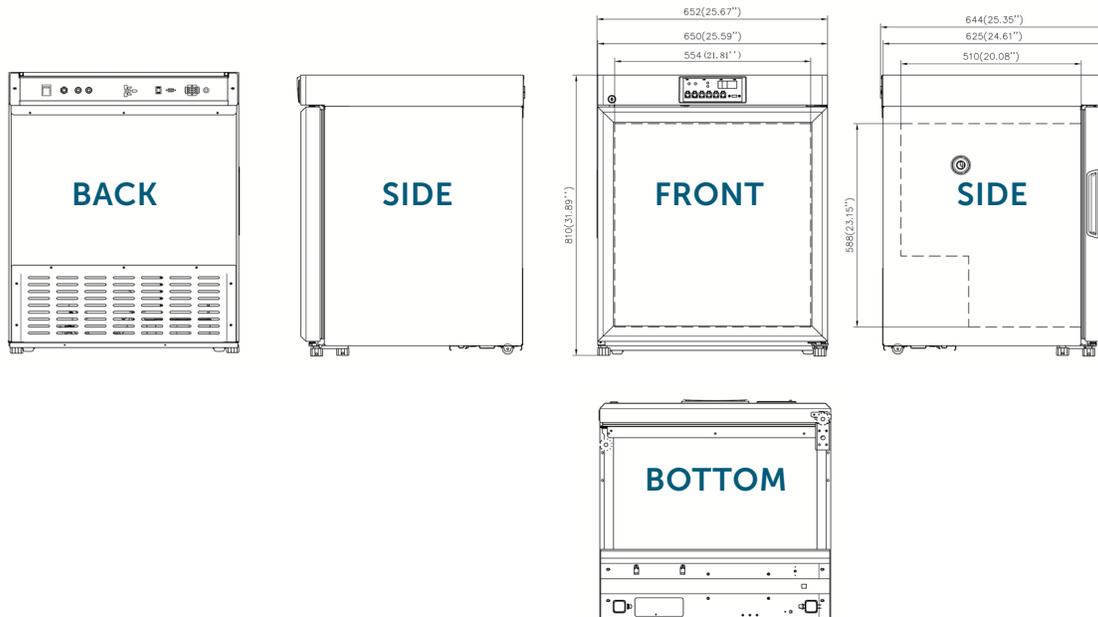
→ Certifications



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