



TECHNICAL DATA SHEET

MODEL UP650RG UPRIGHT REFRIGERATOR



GCI
LIFE SCIENCES



Stable refrigeration designed to protect sensitive samples and reagents.

0.6
°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	UP650RG
Capacity	650L (22.95 cuft)
Internal Chamber Size (W X D X H)	605 X 725 X 1515mm (23.82 X 28.54 X 59.65 in)
External Size (W X D X H)	715 X 890 X 1985mm (28.15 X 35.04 X 78.15 in)
Package Size (W X D X H)	772 X 947 X 2154mm (30.43 X 37.28 X 84.8 in)
Product Weight (Kgs/Lbs)	157kg (346.13 lbs)
Shipping Weight (Kgs/Lbs)	185kg (407.86 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	R290
Insulation Thickness (mm)	D:55, L/R:55, B:55, U/D:55/62

→ Construction

External Material	Powder Coated Steel
Inner Material	Stainless Steel
Shelves	5
Access Test Port	1 pc. 025mm
Casters	4 total, 2 with locks
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, Sensor Error
System	Data Communication Failure, Door Ajar, Data Logger Failure

→ Electrical

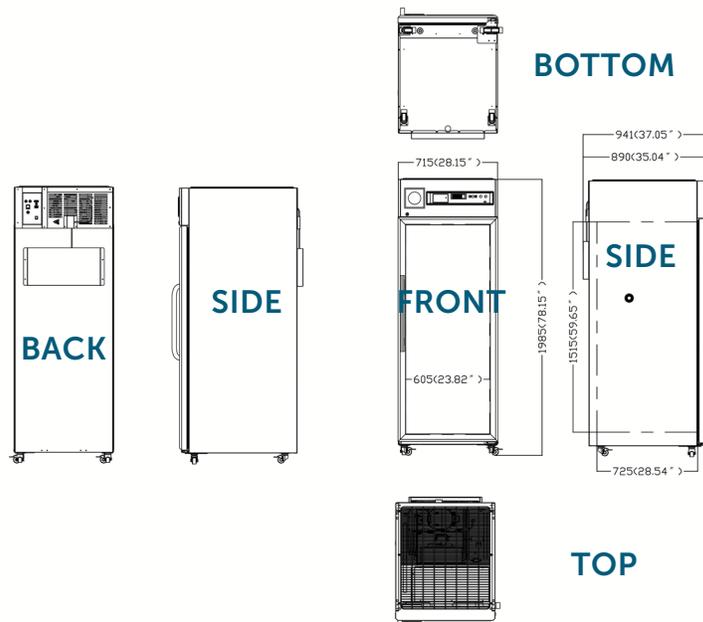
OPTION 1	OPTION 2
110V	220-240V
5.77A	3.06A

→ Certifications

UL (2022-04-30 - E509170)
CE (SHES2208015334HS)

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



Stirling Ultracold 6000 Poston Road, Athens, Ohio 45701, USA
T 740.274.7900 / 1.855.274.7900 | F 740.274.7901 | www.stirlingultracold.com

©2024 Stirling Ultracold, Global Cooling, Inc. All Rights Reserved.

Global Cooling technology is manufactured under U.S. and International patents.
Stirling Ultracold is a trademark of Global Cooling, Inc. Specifications subject to
change without notice. Refer to www.stirlingultracold.com for the latest specifications.



REDEFINING COLD