



GPR-50-2

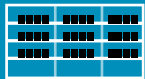
GPR-22-1

protoCool™

General Purpose Laboratory
Grade Refrigerators

22.0 cu.ft. (623 L) |
50.0 cu.ft. (1416 L)

ProtoCool™ general purpose laboratory grade refrigerators are used for storage of life science research materials such as cell culture media, agar plates, PCR materials, DNA, and other research reagents.



Versatile Storage

Units can be used for a large number of general scientific and experimental protocols in life science applications.



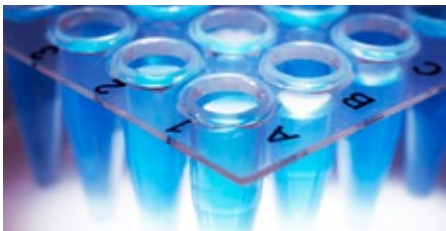
Optimal Usability

Self-closing glass door units allow easy visibility of lab materials and inventory tracking. The interior LED lighting provides optimal illumination, with minimal heat production within the chamber.



Energy Efficient

The energy saving double pane doors are built with low-emissivity glass that limits the effect of outside heat, provides energy efficiency, and minimizes condensation.



Reagents

Ideal for storage of buffers, stains, and other non-explosive chemicals.



Media and Agar Plates

Optimally preserve your agar and media components to ensure better cell growth and yield.



DNA and Antibodies

Store DNA, antibodies, and other materials needed for PCR, Western Blots, Flow Cytometry, and other key molecular biology protocols.

Large Capacity

GPR-50-2 (two door unit) provides optimized storage for more materials and reagents, while adjustable shelves offer flexible storage configurations.

Efficient Refrigeration System

Large evaporators, condensers, and CFC-free refrigerants allow for improved efficiency and faster cooling.

Advanced Fan Control

A unique fan control system helps conserve energy, reduce stress on the system, and re-stabilize internal temperature following door openings.

Ergonomic Design

Magnetic door gaskets, easy-to-clean interior, and the durable solid handle allow for rigorous daily use.

Interior LED Lighting

Energy efficient LED lighting helps maximize visibility and accessibility of samples.



GPR-50-2: Fan, lamp switch, and temperature controller.



GPR-22-1: Fan, lamp switch, and temperature controller.



General Purpose Refrigerator Dimensions



MODEL		GPR-22-1	GPR-50-2
External dimensions (W x D x H)	inches	28.8 x 27.6 x 80.0	55.8 x 32.0 x 78.5
External dimensions (W x D x H)	mm	732 x 702 x 2028	1417 x 813 x 1994
Internal dimensions (W x D x H)	inches	24.1 x 23.6 x 62.1	52.8 x 24.5 x 61.3
Internal dimensions (W x D x H)	mm	613 x 600 x 1580	1341 x 622 x 1556
Volume	cu.ft.	22	50
Volume	liters	623	1416
Net Weight	lbs.	225	474
Performance			
Temperature Range	°C	2 to 8	2 to 8
Control			
Temperature Controller		Thermostat Dial	Thermostat Dial
Temperature Sensor		Internal Thermometer	Internal Thermometer
Refrigeration			
Cooling Method		Forced Air Fin and Tube	Forced Air Fin and Tube
Defrost Method		Automatic Defrost	Automatic Defrost
Refrigerant		R-134a	R-134a
Insulation		High Density Polyurethane	High Density Polyurethane
Construction			
Exterior Material		Painted Steel	Painted Steel
Interior Material		Molded ABS	Molded ABS
Outer Door (Quantity)		1, Self-closing	2, Self-closing
Shelves (W x D)	inches	4 Shelves, 25.5 x 19.3	8 Shelves, 25.3 x 23.3
Casters		Included, not pre-installed	Included, not pre-installed
Interior Lighting		LED	LED
Electrical			
Electrical Requirements		115 / 60 / 1, NEMA 5-15P Plug	115/60/1, NEMA 5-15P Plug
Electrical Certification		ETL, NSF	ETL, NSF
Optional Accessories	inches	5" Diameter swivel casters	5" Diameter swivel casters
		Additional PE coated wire shelves	Additional PE coated wire shelves

GPR-22-1 and GPR-50-2 is not suitable for the use in storage of vaccines and other pharmaceutical biologicals.