

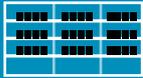


protoCool™

General Purpose Laboratory
Grade Freezers

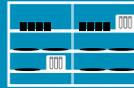
24.0 cu.ft. (680 L) |
47.0 cu.ft. (1331 L)

ProtoCool™ general purpose laboratory freezers are used for storage of life science research materials such as enzymes, media components, DNA, and experimental reagents.



Versatile Storage

Units can be used in the storage of a large number of general scientific and experimental protocols and their applications.



Optimal Usability

Stainless steel design provides the utmost cleanliness and ensures longevity of the unit. The rounded edges add to a sleek appearance with a low risk of injury.



Energy Efficient

Constructed with efficient evaporators and condensers that contribute to better freezing efficiency while saving on energy costs.



Reagents

ProtoCool™ freezers are ideal for storage of DNA, RNA, and other biological reagents.



Cell Culture Media

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



Enzymes & Antibodies

Store the enzymes and antibodies you need for PCR, Western Blots, and other key life science protocols.

Stainless Steel Construction

Built to last, Proto^oCool™ freezers have a stainless steel exterior and interior with aluminum inside walls to ensure durability.

Advanced Fan Control

The evaporator fan stops when the door is opened to prevent circulation of hot or moist air into the freezer, increasing efficiency and compressor life.



Superior Insulation

High-density, CFC-free polyurethane insulation in the cabinet and doors promote superior temperature uniformity.

Digital Controls

A digital control system with LED display provides precise control over interior temperatures in the freezer.



General Purpose Freezer Dimensions



MODEL		GPF-24-1	GPF-47-2
External dimensions (W x D x H)	inches	28.7 x 30.7 x 78.0	51.7 x 30.7 x 78.0
External dimensions (W x D x H)	mm	730 x 780 x 1980	1314 x 780 x 1980
Internal dimensions (W x D x H)	inches	24.8 x 26.6 x 60.6	47.8 x 26.6 x 60.6
Internal dimensions (W x D x H)	mm	629 x 675 x 1539	1213 x 675 x 1539
Volume	cu.ft.	24	47
Volume	liters	680	1331
Net Weight	lbs.	280	435
Performance			
Temperature Range	°C	-17 to -23	-17 to -23
Control			
Temperature Controller		Touch Pad Control	Touch Pad Control
Display		Digital	Digital
Temperature Sensor		Thermometer	Thermometer
Temperature Alerts		Visual	Visual
Refrigeration			
Cooling Method		Forced Air Fin and Tube	Forced Air Fin and Tube
Defrost Method		Automatic Defrost	Automatic Defrost
Refrigerant		R-404A	R-404A
Insulation		High Density Polyurethane	High Density Polyurethane
Construction			
Exterior Material		Stainless Steel	Stainless Steel
Interior Material		Stainless Steel with PE coated wire shelves	Stainless Steel with PE coated wire shelves
Outer Door (Quantity)		1	2
Shelves (W x D)	inches	3 Shelves, 23.5 x 23.75	6 Shelves, 23.5 x 23.1
Door Lock		Standard	Standard
Casters	inches	Standard 4" Swivel	Standard 4" Swivel
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
	inches	6" Standard legs	6" Standard legs
		Additional PE coated wire shelves	Additional PE coated wire shelves