PHCbi

Life Science Innovator Since 1966

SR-L6111W-PA | SF-L6111W-PA

High Performance Biomedical Undercounter

1°C to 14°C Undercounter Refrigerator 5.7 cu.ft. | 161 L

-15°C to -20°C Undercounter Freezer 5.5 cu.ft. | 156 L

SR-L6111W-PA

Our high performance biomedical undercounter refrigerators and freezers are designed to be versatile to meet your applications. The refrigeration system optimizes temperature performance for storage of vital pharmaceutical and medical materials.

Versatile Design

Allows for easy undercounter, countertop or cabinetry kneewell installation. Units can be stacked with adapter to maximize valuable laboratory floor space. Front airflow refrigeration compartment design requires no additional air space around the cabinet. Units can fit directly against a wall on all sides and top.

Quality Craftsmanship

These high performance biomedical refrigerators and freezers are purpose-built with a clinical grade refrigeration system, CFC-free foamed-in-place urethane insulation and heavy duty cabinet construction to exceed the high quality standards required by today's laboratories.

Microprocessor Control/Alarm System

Built with a door mounted microprocessor controller and LED display. Automatic alarm tracking around temperature setpoint, set at ± 3°C from setpoint, monitors critical temperature variations. Self-diagnostics sensor error message provided.

Ideal Storage Environment

Precision controlled temperature environment is ideal for storage of enzymes, plasma, vaccines, test samples, reagents, test kits and other biologicals.

Defrost System

The refrigerator includes an automatic defrost function. The freezer can be defrosted manually so that sensitive frozen enzymes or vaccines are not exposed to temperature deviation common with freezers containing an auto defrost cycle.

Controller and LED Display

Softkey six button menu provided for intuitive programming. Remote alarm contacts are included. Keypad lockout feature to prevent inadvertent temperature adjustment.

[1] Based on independent third-party testing at time of publication. ENERGY STAR test results for submitted products can be compared for performance across the competitive market. For results see the ENERGY STAR website www.energystar.gov/productfinder/product/certified-lab-grade-refrigeration/details/2303094. See Certification Number 4787624501.

ENERGY STAR

PHC Corporation of North America
Formerly Known as Panasonic Healthcare Corporation of North America

High Performance Biomedical Undercounter
Refrigerator and Freezer

SR-L6111W-PA | SF-L6111W-PA

SR-L6111W-PA

Optimized for space efficiency and cold storage

Designed for the demanding standards of pharmaceutical, clinical, biotech and industrial laboratories. The high performance undercounter refrigerator and freezer feature unique compressor technology with an internal fan for fast recovery after door openings. Refrigerator temperature uniformity is ±3°C. Freezer temperature uniformity is ±5°C.

Access Port

Access port, 1.2" (30 mm) permits passage of external temperature monitoring probes through the chamber without impinging on the door gasket.

Security

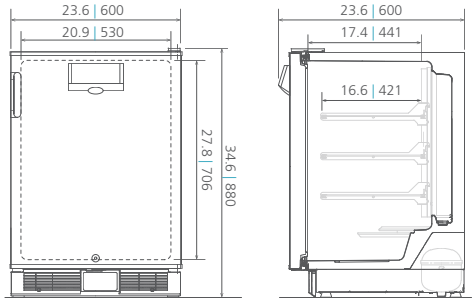
The door includes an integrated key lock. If additional security is desired, an optional hasp can be ordered; lock supplied by customer.

Stacking

One cabinet can be stacked on top of another to double storage volume in the same footprint. An optional stacking adapter is required.

Dimensions

Unit : inch | mm



Model Number		SR-L6111W-PA Refrigerator	SF-L6111W-PA Freezer
External Dimensions (W × D × H) [1]	inches | mm	23.6 × 25.7 × 34.6 | 600 × 652 × 880	
Internal Dimensions (W × D × H)	inches | mm	20.9 × 17.4 × 27.8 | 530 × 441 × 706	
Volume	cu.ft. | liters	5.7 | 161	5.5 | 156
Net Weight	lbs. | kg	110 | 50	117 | 53
Performance			
Warranty [2]		2 Years parts and labor	
Cooling Performance [3]	°C	1 to 14	-15 to -20
Temperature Setting Range	°C	1 to 14 in 1°C increments	-15 to -20 in 1°C increments
Temperature Control Range [3]	°C	1 to 14 in 1°C increments	-15 to -20 in 1°C increments
Vaccine Operating Temperature	°C	2 to 8	-20
Factory Pre-Set Temperature	°C	4	-20
Control			
Controller	qty	Microprocessor, softkey data entry, password protected, memory	
Display	qty	LED	
Temperature Sensor		Thermistor	
Refrigeration			
Refrigeration System		Single reciprocal type compressor	
Compressor	W	(1) 40	(1) 142
Refrigerant		CFC-free R-134A	
Insulation Material		Rigid polyurethane foamed-in-place	
Evaporator Type		Forced air	2; Fixed evaporator shelves with forced air
Defrost		Automatic Cycle	Manual
Insulation Thickness	inches | mm	1.4 | 36	
Construction			
Exterior Material		Resin bonded galvanized steel	
Interior Material		Foamed ABS	
Outer Door		1	
Key Lock		Standard	
Shelves, wire	qty	3; Adjustable, polyethylene coated	2; fixed
Shelf Dimension (W × D)	inches | mm	20.0 × 16.6 | 508 × 421	
Maximum Shelf Load	lbs. | kg	62 | 28	
Access Port / Position	qty	1; Upper right side	
Access Port Diameter	inches | mm	1.2 | 30	
Leveling Feet	qty	4	
Alarms		(V = Visual Alarm, B = Buzzer Alarm, R = Remote Alarm)	
Power Failure		R; During power failure, display goes blank to conserve battery power	
High Temperature		V-B-R	
Low Temperature		V-B-R	
Door Ajar		V	
Sensor Abnormality		V	
Remote Alarm Contacts		Normal open, normal closed, common DC 30V, 2A	
Electrical and Noise Level			
Power Supply		115V, 1Ø, 60 Hz NEMA 5-15P requires NEMA 5-15R receptacle	
Noise Level	dB (A)	N/A	
Options			
Hasp (Padlock Optional)		MPR1DRHASP	
Stacking Adapter		SRFL61PS	
Temperature Recorder			
Circular Type	6", 7 day circular	MTR-C958	
Chart Paper	52 charts per box	C740306REV	
Ink Pen	pack of 6	R252	
Optional Communication System			
Wireless, cloud-based, automatic data management		LabAlert® Monitoring System	

[1] Exterior dimensions of main cabinet only, excluding handle and other external projections
[2] Current warranty offered at time of printing and may be subject to change
[3] Air temperature measured at refrigerator chamber center, ambient temperature +28°C, no load.
Air temperature measured at freezer chamber center, ambient temperature +21°C, no load

Specifications are subject to change without notice.
For latest specification information contact PHC Corporation of North America at info@us.phchd.com.
Performance data herein is based on independent testing at time of publication.

ENERGY STAR

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