

Model

Horizon Series™ HPF120 Upright Plasma Freezer

Specifications

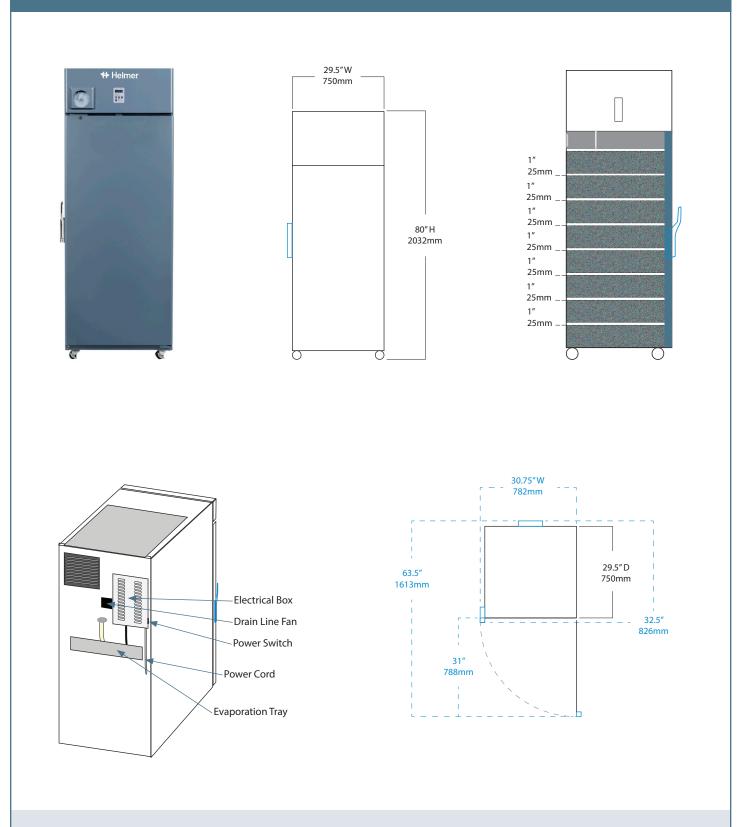
Application, Rating and Electrical Data	
Application	Storage of blood and other medical and scientific products
Storage Volume	20.2 cu ft (572 L)
Storage Capacity	360 (plasma boxes)
Temperature Range	-15° to -30°C
Electrical Power	115V 60Hz 208/230V 60Hz 230V 50Hz
Maximum Current	8.5 FLA / 4.6 FLA / 4.1 FLA
Building Supply Rating	15 amp dedicated ground circuit
Power Plug / Power Cord Length	NEMA 5-15 hospital grade plug (115V) NEMA 6-15 hospital grade plug (208/230V 60Hz) CEE 7/7 plug (230V 50Hz) 8-10 ft (2439-3048 mm)
Certification / Agency Listing	QPS (Certified to UL and CSA Standards)
Indoor/Outdoor Use	Indoor use only
Application Environment	Non-corrosive, non-flammable, non-explosive, 15°C to 32°C (59°F to 90°F)
Refrigeration System	
Refrigeration System	Forced-air circulation
Compressor / Number	1.25 HP hermetic / 1
Condenser Type / Number	Air-cooled fin and tube / 1
Expansion Device	TXV valve
Evaporator Type	Air-cooled fin and tube
Defrost Method	Automatic, programmable
Refrigerant Charge	R404A Non-CFC
Performance Data	
Uniformity	+/-2°C at -30°C Setpoint
Warranty	
Standard (US/Canada)	3 years compressor, 2 years parts, 1 year labor
Outside US/Canada	Consult your local representative

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Controller	
Interface	LED digital display, °C or °F
Power Switch	On/Off with circuit breaker
Controller Type	Microprocessor-based controller with alarm / monitor
Security	Lockable door, optional keypad access
Control Sensor	RTD
High / Low Alarms	Fully adjustable
Door Ajar Alarm	Yes
Power Failure Alarm	Yes
Min/Max Display and Reset	Yes
Battery Back-up	9-volt non-rechargeable
Dimensions and Construction	
Interior (w x h x d)	24.75 x 58.25 x 24.25 in 629 x 1480 x 616 mm
Exterior (w x h x d)	29.5 x 80 x 29.5 in 750 x 2032 x 750 mm
Overall Exterior (w x h x d) (Includes door handle, electrical panel, and evaporation tray)	30.75 x 80 x 32.5 in 782 x 2032 x 826 mm
Insulation	Minimum of 2" (51mm) non-CFC foamed urethene insulation
Exterior / Interior Finish	Bacteria-resistant powder coating
Doors	1, Solid
Access Ports	Top for external monitoring probe(s)
Perimeter Heater	Mullion Electric Heater
Interior Storage / Capacity	8 stainless steel drawers 21.5 x 20.75 in (547 x 528 mm) 100 lb (46 kg) max capacity / drawer
Casters	Standard / swivel locking
Integrated Access Control	Optional - Electromagnetic lock via digital keypad
Net Weight	502 lb (228 kg)
Shipping Weight	595 lb (270 kg)
Clearance Requirements	Minimum of 8" (203mm) above and 3" (76mm) behind unit.
Options / Accessories	Floor & Wall Bracket Kit, Remote Alarms, Leveling Feet, Stainless Steel Interior, Remote Lock Adapter Kit, Extended Warranty



Technical Data Sheet Plasma Freezer

Horizon Series™ HPF120



Helmer Scientific | 14400 Bergen Boulevard | Noblesville, IN 46060 | USA +1.317.773.9073 | www.helmerinc.com



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