

Model

Horizon Series $^{\text{TM}}$ HLF120 Upright Laboratory Freezer

Specifications

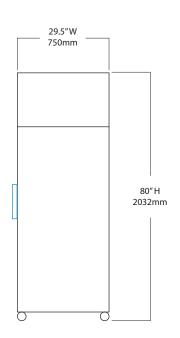
| Application, Rating and Electrical Data | |
|---|---|
| Application | Storage of medical and scientific products |
| Storage Volume | 20.2 cu ft (572 L) |
| Temperature Range | -15° to -30°C |
| Electrical Power | 115V 60Hz 208/230V 60Hz 230V 50Hz |
| Maximum Current | 8.5 FLA / 4.6 FLA / 4.1 FLA |
| 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 |
| | |

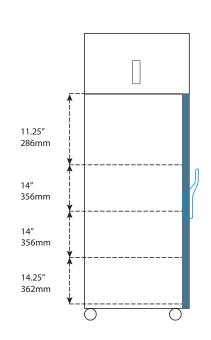
| Controller | |
|---|--|
| Interface | LED digital display, °C or °F |
| Power Switch | On/Off with circuit breaker |
| Controller Type | Microprocessor-based controller with alarm/monitor |
| Security | Lockable door, optional keypad access |
| Control Sensor | RTD |
| High / Low Alarms | Fully adjustable |
| 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 (wxhxd) (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 | 4 epoxy coated shelves 22 x 23 in (559 x 585 mm) 100 lb (46 kg) max capacity / shelf |
| Casters | Standard / swivel locking |
| Integrated Access Control | Optional - Electromagnetic lock via digital keypad |
| Net Weight | 440 lb (200 kg) |
| Shipping Weight | 533 lb (242 kg) |
| Clearance Requirements | Minimum of 8" (203mm) above and 3" (76mm) behind unit. |
| Options / Accessories | Chart Recorder, Floor & Wall Bracket Kit, Remote Alarms, Leveling Feet, Stainless Steel Interior, Remote Lock Adapter Kit, Extended Warranty |

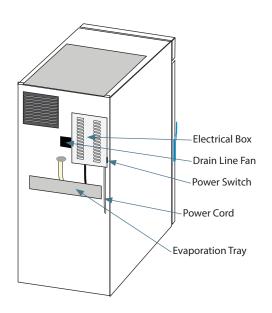


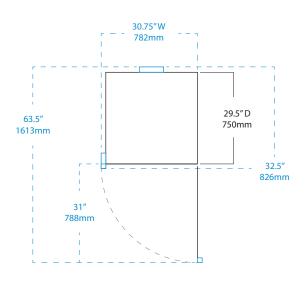












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