

Helmer Scientific

Cold Storage Solutions

Product Guide
Pharmaceutical & Vaccine Storage



Sample Storage
You Can **Trust.**



Helmer Scientific Cold Storage

Maintaining the highest levels of patient care and safety is your priority. For critical temperature controlled storage, Helmer Scientific is the company you can trust.

Helmer offers many outstanding products for the pharmacy. Our refrigerators and freezers are designed and manufactured specifically for the storage of life science and pharmaceutical products to safeguard critical and expensive medications, vaccines, reagents, samples, and more with true medical-grade performance.

Backed with industry-leading warranties, Helmer pharmacy solutions take the worry out of cold storage, letting you focus on what's important to you.



Pharmacy Refrigerator Selection Guide

i.Series® · Horizon Series™ · Scientific Series™

+2°C to +10°C Factory set to +4°C

- » Maximum temperature uniformity and quick recovery
- » Bacteria-resistant powder coating
- » Directional LED lighting (Standard on Upright and Pass-Thru)
- » Self-closing doors with magnetic closure
- » Custom storage options: drawers, shelves & roll-out baskets



Model Number	Capacity cu ft L	Series	Style	Exterior Dimensions W x H x D (in mm)	Electrical Frequency V (Hz)	Storage	Door(s)	Net Weight lb kg
MLR102*	1.8 51	Medical	Countertop	20.5 x 23 x 22.1 520 x 584 x 561	115 (60)	3 shelves	1, Solid stainless steel	75 34
ILR104-ADA HLR104-ADA SLR104-ADA	4 113	i.Series Horizon Series Scientific Series	Undercounter	24 x 32 x 26.75 610 x 813 x 680	115 (60)	2 shelves	1, Solid stainless steel field-reversible	191 87 185 84 161 74
ILR105 HLR105 SLR105	5 142	i.Series Horizon Series Scientific Series	Undercounter	24 x 34 x 26.75 610 x 864 x 680	115 (60) 230 (50) 230 (60)	2 shelves	1, Solid stainless steel field-reversible	195 89 189 86 165 75
IPR111 HPR111	11.5 326	i.Series Horizon Series	Upright	24.25 x 70.5 x 24.5 616 x 1791 x 623	115 (60) 230 (50) 230 (60)	1 shelf 5 roll-out baskets	1, glass	357 162 350 159
IPR120 HPR120	20.2 572	i.Series Horizon Series	Upright	29.5 x 79.5 x 29.5 750 x 2020 x 750 29.5 x 78.5 x 29.5 750 x 2001 x 750	115 (60) 230 (50) 230 (60)	1 shelf 6 roll-out baskets	1, glass	525 239 522 237
IPR125 HPR125	25.2 714	i.Series Horizon Series	Upright	29.5 x 79.5 x 35.5 750 x 2020 x 902 29.5 x 78.5 x 35.5 750 x 2001 x 902	115 (60) 230 (50) 230 (60)	1 shelf 6 roll-out basket	1, glass	552 251 549 250
IPR225 HPR225	26.5 750	i.Series Horizon Series	Pass-Thru	29.5 x 80 x 36 750 x 2032 x 915	115 (60) 230 (50) 230 (60)	3 shelves 3 drawers	2, glass	534 243 523 238
IPR245 HPR245	44.9 1271	i.Series Horizon Series	Upright	59.25 x 79.5 x 29.5 1505 x 2020 x 750 59.25 x 78.5 x 29.5 1505 x 2001 x 750	115 (60) 230 (50) 230 (60)	2 shelves 12 roll-out baskets	2, glass	824 374 823 374
IPR256 HPR256	56 1585	i.Series Horizon Series	Upright	59.25 x 79.5 x 35.5 1505 x 2020 x 902 59.25 x 78.5 x 35.5 1505 x 2001 x 902	115 (60) 230 (50) 230 (60)	2 shelves 12 roll-out baskets	2, glass	876 398 866 393
IPR456 HPR456	58 1642	i.Series Horizon Series	Pass-Thru	59.25 x 80 x 36 1505 x 2032 x 915	115 (60) 230 (50) 230 (60)	6 shelves 6 drawers	4, glass	797 362 786 357

*Available in the U.S and Canada

Pass-Thru refrigerators not shown

Model Nomenclature Guide

Series	Type	Product	Number of doors	Capacity
i.Series Horizon Series Scientific Series	Laboratory Pharmacy	Refrigerator Freezer	1	25
i	P	R		

-30° C Freezer Selection Guide

i.Series® Horizon Series™

-15°C to -30°C Factory set to -30°C (auto defrost)

- » Maximum temperature uniformity and quick recovery
- » Bacteria-resistant powder coating
- » Programmable defrost cycles
- » Heated door frame
- » Custom storage options: drawers, shelves & roll-out baskets



Model Number	Capacity cu ft L	Series	Style	Exterior Dimensions W x H x D (in mm)	Electrical Frequency V (Hz)	No of Shelves	Door(s)	Net Weight
iLF104-ADA HLF104-ADA	4 cu ft 113 L	i.Series Horizon Series	Undercounter	24 x 32 x 26.75 610 x 813 x 680	115 (60)	2	1, Solid stainless steel field-reversible	211 96 205 93
iLF105 HLF105	5 cu ft 142 L	i.Series Horizon Series	Undercounter	24 x 34 x 26.75 610 x 864 x 680	115 (60) 230 (50) 230 (60)	2	1, Solid stainless steel field-reversible	215 98 209 95
iLF120 HLF120	20.2 cu ft 572 L	i.Series Horizon Series	Upright	29.5 x 80 x 29.5 750 x 2032 x 750	208/230 (50) 230 (60)	4	1, solid stainless steel	443 201 440 200
iLF125 HLF125	25.2 cu ft 714 L	i.Series Horizon Series	Upright	29.5 x 80 x 35.5 750 x 2032 x 902	208/230 (50) 230 (60)	4	1, solid stainless steel	481 219 478 217

Ultra-Low Temperature Freezer Selection Guide

i.Series®


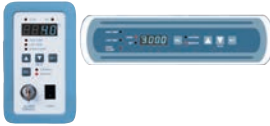

-50°C to -86°C Factory set to -80°C

- » Heat Barrier System™ reduces frost
- » Insulated and structurally reinforced inner doors
- » Ice-resistant sealing surface
- » Robust, single-handed door handle
- » Optimized oil management
- » Integrated access control
- » Diagnostic data provides faster troubleshooting



Model Number	Capacity cu ft L	Series	Style	Exterior Dimensions W x H x D (in mm)	Electrical Frequency V (Hz)	No of Shelves	Door(s)	Panels	Net Weight
iUF116	16 cu ft 453 L	i.Series	Upright	37.1 x 78.2 x 37.5 942 x 1986 x 953	208/230 (60)	2	1, Solid stainless steel	Standard	607 275
iUF118	18 cu ft 510 L	i.Series	Upright	32.5 x 78.2 x 37.5 826 x 1986 x 953	208/230 (60)	2	1, solid stainless steel	Vacuum insulated	622 282
iUF124	24 cu ft 680 L	i.Series	Upright	48.4 x 78.2 x 37.5 1229 x 1986 x 953	208/230 (60)	4	1, solid stainless steel	Standard	704 319
iUF126	26 cu ft 736 L	i.Series	Upright	43.8 x 78.2 x 37.5 1113 x 1986 x 953	208/230 (60)	4	1, solid stainless steel	Vacuum insulated	725 328

Temperature Control & Monitoring

	i.Series® i.C ³ Information Center	Horizon Series™	Scientific Series™ (Undercounter models only)
Monitor			
Display	7" (177mm) full-color, door-mounted touchscreen	LED digital	LED digital
Alarm Test	Automatic high/low alarm testing (Peltier based)	Manual alarm test	No
USB Ports	(2) for download/upload/upgrade	No	No
RS232 Data Port	Optional	No	No
Dry Contact Alarm Connection	Yes	Yes	No
Password Protected Settings	Yes	No	No
Alarm Probes	Dual - 20 cf - 58 of refrigerators & freezers Single - 11 of ref, UC ref & frz	Single	No
Temperature Display	Digital - upper and lower chamber in °C and °F	LED - of upper chamber in °C and °F	LED - of upper chamber in °C and °F
Min/Max Temp Recording	Display and reset	Display and reset	No
Alarms	High and low temperature Door ajar Power failure Condenser temperature Compressor (Ultra-Low Freezer only)	High and low temperature Door ajar Power failure	No
Alarm Adjustments	Alarm mute with adjustable ring-back interval Adjustable alarm volume and delay Four alarm tones	Alarm mute with 5-minute ring-back interval Alarm silence with key switch	No
Information Logs	Event Log Temperature Log Access Log Compressor Log	No	No
Battery Backup	Rechargeable	Yes	No
Digital Calibration	Yes	Yes	No
Ethernet	Via customer developed software	No	No
Localization	Data display and entry	No	No

Refer to the countertop brochure for MLR102 monitor information

Integrated Electronic Access Control

i.Series®

Ultra-Low Freezers - Standard
Refrigerators and Freezers - Optional

Integrated electromagnetic access control offers secure access to the refrigerator or freezer via the i.C³ Information Center. An electromagnetic lock is integrated into the unit and controlled by PIN entry.



- » Up to 100 unique User ID's can be set up directly from the i.C³ and programmed with an individual access PIN
- » The Access Control display can be used as an alternative Home Screen
- » The Access Control log provides an audit trail of door entries and can be downloaded
- » Key override is included

Horizon Series™

Refrigerators and Freezers - Optional

The Horizon Access Control keypad provides fail-secure digital keypad access. A lock is integrated into the unit and unlocked by entering a user code on the keypad

- » Up to 100 User Codes can be entered into the keypad
- » Key override included



All registered trademarks or trademarks are the property of Helmer, Inc. in the United States of America. All other trademarks are the property of their respective owners.

Products are certified to applicable UL and CSA standards by a NRTL. Specifications subject to change.

© 2012-2018 Helmer, Inc. All rights reserved. 380237-1/E 04/18



14400 Bergen Boulevard · Noblesville, IN 46060 USA
Toll Free (U.S. and Canada): 800.743.5637
Phone: 317.773.9073 · Fax: 317.773.9082
Email: sales@helmerinc.com · www.helmerinc.com