

Life Science Research Product Guide



BIOPHARMA & BIOTECH
BIOREPOSITORY
INDUSTRIAL
UNIVERSITY & GOVERNMENT



Helmer Scientific Cold Storage

GX Solutions Professional Medical-grade Laboratory and Pharmacy Refrigerators

i.Series® · Horizon Series™

- » Powered by OptiCool™ technology with variable capacity compressor (VCC) and natural hydrocarbon refrigerants
- » Maximum temperature uniformity and quick recovery
- » Sustainable U.S. EPA and SNAP compliant natural refrigerants
- » Directional LED Lighting (standard on Uprights)
- » Self-closing doors with magnetic closure
- » Bacteria-resistant powder coating
- » Optional solid ballast simulator
- » Custom storage: drawers, ventilated drawers & ventilated shelves
- » ADA compliant full-length handle and compatible with ADA compliant countertops

GX Solutions Laboratory Refrigerator Selection Guide

+2°C to +10°C Factory set to +4°C		i.Series®					
		iLR105-GX	iLR113-GX	iLR120-GX	iLR125-GX	iLR245-GX	iLR256-GX
Application		Laboratory Undercounter	Laboratory Slimline Upright	Laboratory Upright	Laboratory Upright	Laboratory Upright	Laboratory Upright
Capacity	cu ft liters	5.3 150	13.3 377	20.2 572	25.2 714	44.9 1271	56 1586
Dimensions Exterior (wxhxd)	in mm	24 x 31.5 x 26.7 610 x 798 x 678	24.8 x 70.5 x 26.2 628 x 1790 x 664	29 x 79.6 x 28.2 737 x 2021 x 715	29 x 79.6 x 34.2 737 x 2021 x 867	59 x 79.6 x 28 1499 x 2021 x 712	59 x 79.6 x 34.1 1499 x 2021 x 865
Electrical - Frequency	V (Hz)	115 (60) 220-240 (50/60)	115 (60) 220-240 (50/60)	115 (60) 220-240 (50/60)	115 (60) 220-240 (50/60)	115 (60) 220-240 (50/60)	115 (60) 220-240 (50/60)
Storage	standard	2 ventilated shelves	4 ventilated shelves	4 ventilated shelves	4 ventilated shelves	8 ventilated shelves	8 ventilated shelves
Doors		1, solid	1	1	1	2	2

GX Solutions Pharmacy Refrigerator Selection Guide

+2°C to +10°C Factory set to +5°C		i.Series®					
		iPR105-GX	iPR113-GX	iPR120-GX	iPR125-GX	iPR245-GX	iPR256-GX
Application		Pharmacy Undercounter	Pharmacy Slimline Upright	Pharmacy Upright	Pharmacy Upright	Pharmacy Upright	Pharmacy Upright
Capacity	cu ft / liters	5.3 150	13.3 377	20.2 572	25.2 714	44.9 1271	56 1586
Dimensions Exterior (wxhxd)	in mm	24 x 31.5 x 26.7 610 x 798 x 678	24.8 x 70.5 x 26.2 628 x 1790 x 664	29 x 79.6 x 28.2 737 x 2021 x 715	29 x 79.6 x 34.2 737 x 2021 x 867	59 x 79.6 x 28 1499 x 2021 x 712	59 x 79.6 x 34.1 1499 x 2021 x 865
Electrical - Frequency	V (Hz)	115 (60) 220-240 (50/60)	115 (60) 220-240 (50/60)	115 (60) 220-240 (50/60)	115 (60) 220-240 (50/60)	115 (60) 220-240 (50/60)	115 (60) 220-240 (50/60)
Storage	standard	2 ventilated drawers	1 ventilated shelf 5 ventilated drawers	1 ventilated shelf 6 ventilated drawers	1 ventilated shelf 6 ventilated drawers	2 ventilated shelves 12 ventilated drawers	2 ventilated shelves 12 ventilated drawers
Doors		1, solid	1	1	1	2	2

GX Solutions Pharmacy Pass-thru Refrigerator Selection Guide

+2°C to +10°C Factory set to +5°C		i.Series®		Horizon Series™	
		iPR226-GX	iPR458-GX	HPR226-GX	HPR458-GX
Application		Pharmacy / Pass-Thru	Pharmacy / Pass-Thru	Pharmacy / Pass-Thru	Pharmacy / Pass-Thru
Capacity	cu ft / liters	26.4 747	58.5 1656	26.4 747	58.5 1656
Dimensions Exterior (wxhxd)	in mm	29 x 79.6 x 35.8 737 x 2013 x 1014	59 x 79.6 x 35.8 1499 x 2013 x 1014	29 x 79.3 x 35.8 737 x 2013 x 1014	59 x 79.3 x 35.8 1499 x 2013 x 1014
Electrical - Frequency	V (Hz)	115 (60) 220-240 (50/60)	115 (60) 220-240 (50/60)	115 (60) 220-240 (50/60)	115 (60) 220-240 (50/60)
Storage	standard	3 ventilated shelves 3 solid drawers	6 ventilated shelves 6 solid drawers	3 ventilated shelves 3 solid drawers	6 ventilated shelves 6 ventilated drawers
Doors		2	4	2	4



i.Series®
Single Door
GX Pass-thru

i.Series®
Double Door
GX Pass-thru

Understanding Helmer Cold Storage Model Numbers

The first three letters of a Helmer part number represent the series, segment type and product type. These are followed by three numbers which represent the number of doors followed by the capacity of the unit. Any additional letters will be included after a hyphen and represent a special product type.

Model Nomenclature Guide Example IPR125-GX

Series	Type	Product	Number of doors	Capacity	Line
i.Series	Pharmacy	Refrigerator	1	25	GX
i	P	R	1	25	GX

Horizon Series™

HLR105-GX	HLR113-GX	HLR120-GX	HLR125-GX	HLR245-GX	HLR256-GX
Laboratory Undercounter	Laboratory Slimline Upright	Laboratory Upright	Laboratory Upright	Laboratory Upright	Laboratory Upright
5.3 150	13.3 377	20.2 572	25.2 714	44.9 1271	56 1586
24 x 31.5 x 26.7 610 x 798 x 678	24.8 x 70.5 x 26.1 628 x 1790 x 663	29 x 78.9 x 28.1 737 x 2003 x 712	29 x 78.9 x 34.1 737 x 2003 x 865	59 x 78.9 x 28.1 1499 x 2003 x 712	59 x 78.9 x 34.1 1499 x 2003 x 865
115 (60) 220-240 (50/60)	115 (60) 220-240 (50/60)	115 (60) 220-240 (50/60)	115 (60) 220-240 (50/60)	115 (60) 220-240 (50/60)	115 (60) 220-240 (50/60)
2 ventilated shelves	4 ventilated shelves	4 ventilated shelves	4 ventilated shelves	8 ventilated shelves	8 ventilated shelves
1, solid	1	1	1	2	2



Horizon Series™

HPR105-GX	HPR113-GX	HPR120-GX	HPR125-GX	HPR245-GX	HPR256-GX
Pharmacy Undercounter	Pharmacy Slimline Upright	Pharmacy Upright	Pharmacy Upright	Pharmacy Upright	Pharmacy Upright
5.3 150	13.3 377	20.2 572	25.2 714	44.9 1271	56 1586
24 x 31.5 x 26.7 610 x 798 x 678	24.8 x 70.5 x 26.1 628 x 1790 x 663	29 x 78.9 x 28.1 737 x 2003 x 712	29 x 78.9 x 34.1 737 x 2003 x 865	59 x 78.9 x 28.1 1499 x 2003 x 712	59 x 78.9 x 34.1 1499 x 2003 x 865
115 (60) 220-240 (50/60)	115 (60) 220-240 (50/60)	115 (60) 220-240 (50/60)	115 (60) 220-240 (50/60)	115 (60) 220-240 (50/60)	115 (60) 220-240 (50/60)
2 ventilated drawers	1 ventilated shelf 5 ventilated drawers	1 ventilated shelf 6 ventilated drawers	1 ventilated shelf 6 ventilated drawers	2 ventilated shelves 12 ventilated drawers	2 ventilated shelves 12 ventilated drawers
1, solid	1	1	1	2	2



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



GX Solutions Professional Medical-grade Laboratory Freezers

i.Series® · Horizon Series™

- » Powered by OptiCool™ technology with variable capacity compressor (VCC) and natural hydrocarbon refrigerants
- » Maximum temperature uniformity and quick recovery
- » Sustainable U.S. EPA and SNAP compliant natural refrigerants
- » Heated door frame
- » Auto defrost with programmable defrost cycles
- » Self-closing doors with magnetic closure
- » Bacteria-resistant powder coating
- » Custom storage: drawers, ventilated drawers & ventilated shelves
- » Compatible with ADA compliant countertops (undercounter)



GX Solutions Laboratory -30°C Freezer Selection Guide

Upright -15°C to -35°C
Undercounter -15°C to -30°C
Factory set to -30°C



		i.Series®			Horizon Series™		
		iLF105-GX	iLF120-GX	iLF125-GX	HLF105-GX	HLF120-GX	HLF125-GX
Application		Laboratory Undercounter	Laboratory Upright	Laboratory Upright	Laboratory Undercounter	Laboratory Upright	Laboratory Upright
Capacity	cu ft / liters	5.3 150	20.2 572	25.2 714	5.3 150	20.2 572	25.2 714
Dimensions Exterior	in mm	24 x 31.5 x 26.7 610 x 798 x 678	29 x 80.3 x 28.6 737 x 2039 x 725	29 x 80.3 x 34.4 737 x 2039 x 874	24 x 31.5 x 26.7 610 x 798 x 678	29 x 80.3 x 28.4 737 x 2039 x 720	29 x 80.3 x 34.4 737 x 2039 x 874
Electrical - Frequency	V (Hz)	115 (60) 220-240 (50/60)	115 (60) 220-240 (50/60)	115 (60) 220-240 (50/60)	115 (60) 220-240 (50/60)	115 (60) 220-240 (50/60)	115 (60) 220-240 (50/60)
Storage	standard	2 ventilated shelves	4 ventilated shelves	4 ventilated shelves	2 ventilated shelves	4 ventilated shelves	4 ventilated shelves
Doors		1, solid	1, solid	1, solid	1, solid	1, solid	1, solid

Ultra-Low Temperature Freezers (-80°C)

i.Series®

- » 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

-80°C Freezer Selection Guide

-50°C to -86°C
Factory set to -80°C

		i.Series®	
		iUF118	iUF126
Application		Laboratory Upright	Laboratory Upright
Capacity	cu ft / liters	18 510	26 736
Dimensions Exterior	in mm	32.5 x 78.2 x 37.5 826 x 1986 x 953	43.8 x 78.2 x 37.5 1113 x 1986 x 953
Electrical - Freq	V (Hz)	208/230 (60)	208/230 (60)
Storage	standard	4 shelves 5 compartments	4 shelves 5 compartments
Panels		Vacuum insulated	Vacuum insulated
Doors		1	1



i.Series® Ultra-Low Freezer

Please see individual brochures for complete product information and available options.



Helmer Scientific
14400 Bergen Boulevard · Noblesville, IN 46060 USA
Toll Free (U.S. and Canada): 800.743.5637
Phone: +1.317.773.9073 · Fax: 317.773.9082
www.helmerinc.com