



Horizon Series™ models

GX Solutions

The first professional medical-grade refrigerators.
For medical professionals. Only from Helmer Scientific.

Blood and Blood Component Storage

GX professional medical-grade undercounter blood bank refrigerators feature solid, stainless steel pull out drawers. They are designed to meet the strict requirements of AABB for secure storage of whole blood and blood components.

- » Powered by OptiCool™ cooling technology which pairs a variable capacity compressor (VCC) and natural hydrocarbon (HC) refrigerants to create a refrigerator with optimized control in temperature, noise and energy
- » Factory pre-set to 4°C to meet blood storage guidelines
- » Quiet operation for improved work environment (U/C 42dB, Upright 47-50dB)
- » Sustainable U.S. EPA and SNAP compliant natural refrigerants and foaming agents
- » Meets AABB, ARC, FDA, EU Blood Directive 2004/33/EC, and Part 4 of the Blood Safety and Quality Regulation 2005 standards for blood storage at 4°C
- » ADA compliant full-length handle and compatible with ADA compliant countertops

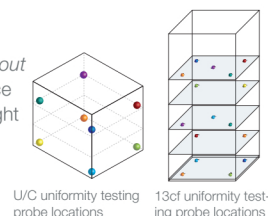
Construction

- » Forced-air circulation maintains chamber temperature uniformity and provides quick recovery after door openings
- » No defrost cycle required to maintain constant temperature
- » Undercounter solid, self-closing door maintains optimal storage conditions and is field-reversible
- » Upright models include a dual-pane glass door(s) with ADA compliant full-length handle
- » Solid, stainless steel pull out drawers with liquid-tight construction for containment of spills; fully extendable
- » Chart recorder with 7-day circular charts (inkless)
- » Bacteria-resistant powder coated interior and exterior
- » Four swivel, locking casters (upright) / Four leveling feet (U/C)
- » Recessed floor contains spills for easy clean up and maintain integrity of other stored products
- » Key lock, settings security and optional access control



Temperature Management

Uniformity - Temperatures are maintained within $\pm 1^{\circ}\text{C}$ throughout the unit. This provides confidence that contents are stored at the right temperature regardless of where they are placed within the unit.



Energy Management

GX Solutions are ENERGY STAR® certified* and 50-65% more energy efficient than conventional medical-grade refrigerators. The use of natural hydrocarbons:

Reduces heat output - allows facilities to place refrigerators in small work areas while limiting impact on HVAC system.

Decreases carbon footprint - uses natural hydrocarbon (HC) refrigerants to dramatically decrease global warming potential.

Meets ever-changing energy standards - GX refrigerators are compliant with the Significant New Alternatives Policy (SNAP).

Natural Refrigerants Support Environmental Sustainability

The OptiCool™ cooling system uses R600a, a naturally occurring refrigerant that is Environmental Protection Agency (EPA), Significant New Alternatives Policy (SNAP), and EU F-Gas compliant. This natural refrigerant is environmentally friendly, having no impact on ozone depletion and a very low Global Warming Potential (GWP) grade.

GX professional, medical-grade blood bank refrigerators - upright											
Model Number	Monitor	Temp Range Setpoint	Capacity cu ft L	Bags	Electrical	Doors	Solid Drawers	Sound level	Interior Dimensions w x h x d in.	Exterior Dimensions* w x h x d in. mm	Net Weight lb kg
HBR113-GX	Horizon Controller	+2° to +10°C 4°C	13.3 377	198	115V 60Hz 220-240 50/60 Hz	1, glass	5	42 dB	20 x 49.4 x 22.9 508 x 1255 x 583	24.1 x 70.5 x 26.1 612 x 1790 x 663	337 153
HBR125-GX	Horizon Controller	+2° to +10°C 4°C	25.2 714	504	115V 60Hz 220-240 50/60 Hz	1, glass	7	49 dB	24.7 x 58.1 x 30 628x 1476 x 726	29 x 78.3 x 34.2 737 x 1989 x 867	532 242
HBR256-GX	Horizon Controller	+2° to +10°C 4°C	56 1586	1008	115V 60Hz 220-240 50/60 Hz	2, glass	14	52 dB	54.7 x 58.1 x 30 1390 x 1476 x 762	59 x 78.3 x 34.2 1499 x 1989 x 867	853 387

	i.Series®	Horizon Series™
Temperature Display	°C or °F	°C or °F
Monitor/Logging	Event log records date, time and temperature data	N/A
Compliance Data	Download PDF Reports and CSV files via USB port	N/A
Security	Password protected settings / Key lock	Key lock
Temperature Graphing	Interactive temperature graph	N/A
Temperature Alarm Test	Automatic high/low alarm testing (Peltier-based)	Manual alarm test
Alarm Probe(s)	Stainless steel in product simulation bottle 2 - 20-56 cu ft, 1 - 5-13 cu ft	1 - Stainless steel in product simulation bottle
Standard Alarms	High and low temperature, Door open, Power failure	High and low temperature, Door open, Power failure
Additional Alarms	Condenser temperature, Probe failure, Low battery	N/A
Min/Max Temperatures	Display and reset	Display and reset
Backup Power	Rechargeable battery backup - 20 hrs	Battery backup - 2 hrs
Connectivity	Ethernet/API, USB ports (2)	N/A
Dry contact alarm connections	Yes	Yes
Digital calibration	Yes	Yes



ENERGY STAR® certified*



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