

Countertop Refrigerators

Laboratory/Pharmacy



TrueBlue.

Highest standard of patient care

Compact Countertop Refrigerator with True Medical-grade Performance

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.

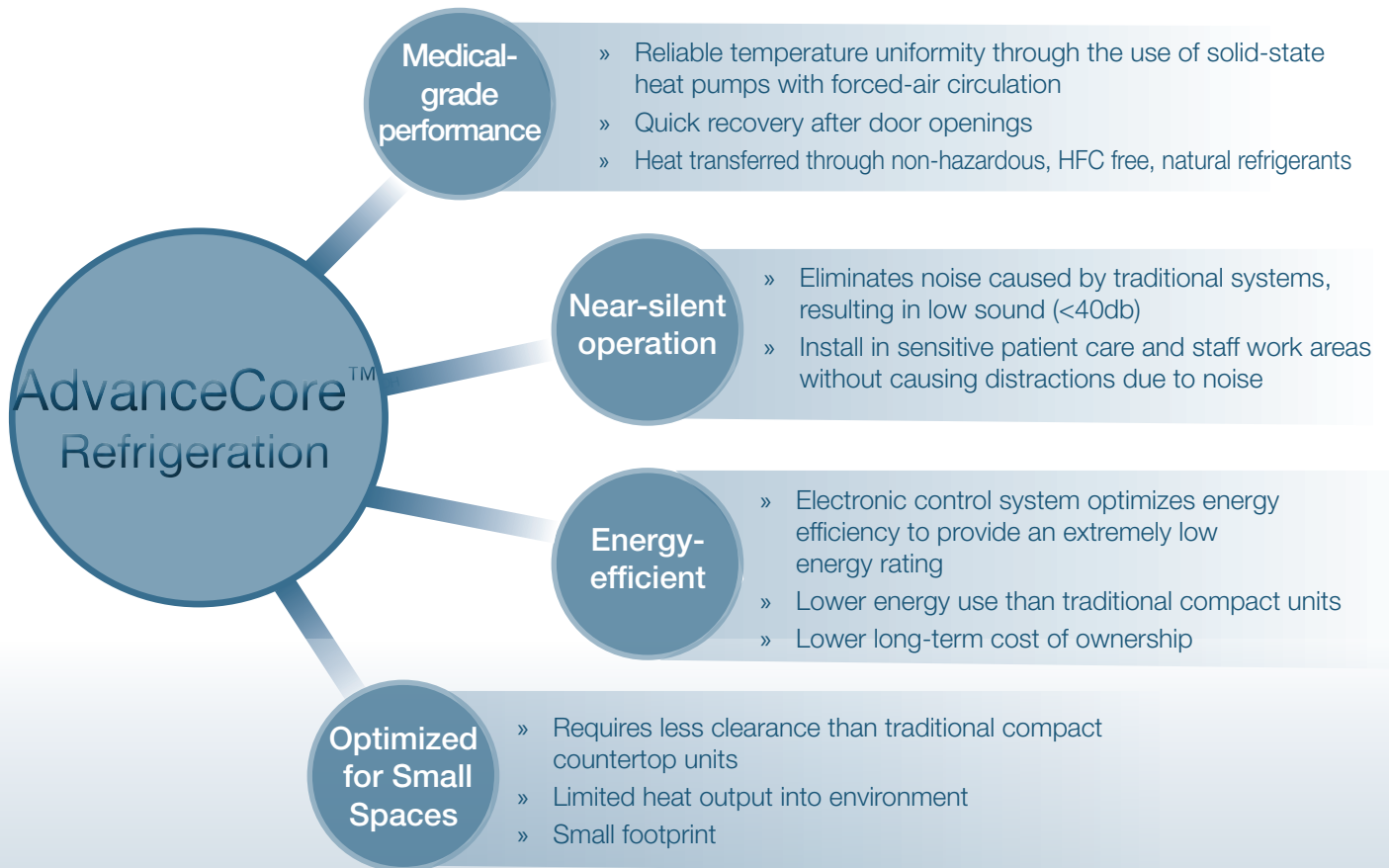
Optimized for smaller spaces, our countertop refrigerator is designed to safeguard critical and expensive medications, vaccines, reagents, or samples with true medical-grade performance. Temperature uniformity is consistently maintained throughout the unit offering peace of mind. The MLR102 is designed for patient point-of-care and staff work areas where minimal noise, heat and footprint provide desirable benefits.



Innovation in Action

Powered by AdvanceCore™ Refrigeration System

The Helmer Scientific MLR102 countertop refrigerator uses AdvanceCore™ technology to efficiently create a uniformly cold internal chamber through the use of solid-state thermoelectric technology.



Designed for Medication and Vaccine Storage

Designed to safeguard critical and expensive medications and vaccines with true medical-grade performance, AdvanceCore™ technology is uniquely optimized for small storage cabinets and allows for uniformity of $\pm 1^{\circ}\text{C}$ to ensure all areas of the cabinet are safe for storage. In addition, the unit will recover to set point quickly after door openings, providing confidence that medications will not be exposed to inappropriate temperature for extended periods of time.

- » Microprocessor temperature controller with front mounted control panel and LCD display with LED indicator and interactive buttons.
- » Easy to use, adjustable set point provides precise control
- » Internal fan ensures fast recovery and excellent uniformity
- » Temperature display is user-programmable to display $^{\circ}\text{C}$ or $^{\circ}\text{F}$ and can read glycol or air temperature
- » User-programmable audible and visual high/low temperature, door ajar, and no power alarms provide protection for critical stored product
- » Indicators and icons provide visual representation of unit's status
- » Temperature data can be downloaded via USB
- » Locking mechanism supports Joint Commission standards for medication storage



Integrates with medication management systems and more...

Connect existing Pyxis or Omnicell medication management systems to the MLR102 using a compatible refrigerator lock for a secure cold storage solution right on the countertop.

The MLR102 is also a smart choice for storing reagents, controls and other clinical samples where performance and reliability matter.



Helping meet CDC Guidelines for safe storage

The MLR102 is designed to help meet CDC guidelines for safe vaccine storage. The medical-grade performance ensures sensitive and expensive vaccines stay within required temperatures across all storage locations, and data management capabilities support efforts to maintain compliance, pass audits, and provide the highest levels of patient care.

In addition to the features listed above, the MLR102 also offers additional features to help meet CDC guidelines.

- » Min/Max temperature readings are recorded and saved until viewed and cleared
- » Access for third-party monitoring system probes and dataloggers



Ideal for Remote Locations

The MLR102 has been designed with long-term reliability in mind. It is ideal for remote locations that may not have easy access to service personnel.

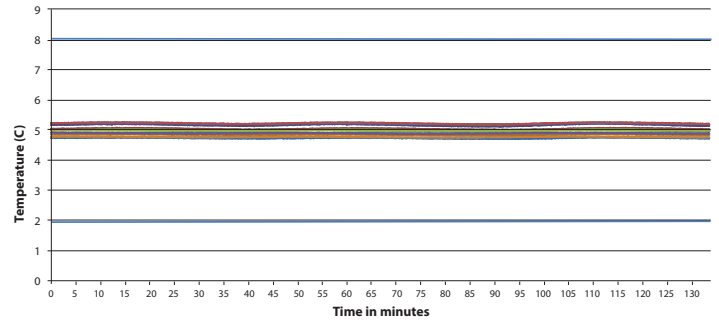
In addition it requires minimal service maintenance and includes a robust service warranty that supports system reliability, further lowering the long-term cost of ownership.

- » Limited number of moving parts
- » AdvanceCore™ technology offers 48% lower energy use than traditional compact units¹
- » Minimize end user error and prevent unnecessary alarms
 - Easy-to-use control panel
 - Intuitive onboard alerts and alarm



Performance You Can Trust

Independent tests verify that the MLR102 provides uniform temperature of +/- 1°C throughout the cabinet. Your products can be safely stored in any area of the refrigerator without worry.



Temperature measured in glycol-filled probe bottles at 15 locations within cabinet chamber

Specifications

Specification	MLR102	
Capacity	cu ft liters	1.8 51
Operating Range	C F	+2° to +8°C 36 to 46 F
Factory Set	C F	+4°C 40 F
Dimensions Interior w x h x d	in mm	14.3 x 18.4 x 12.2 363 x 467 x 309
Dimensions Exterior* w x h x d	in mm	20.5 x 23 x 22.1 520 x 584 x 561
Doors		1, solid
Storage	Shelves	2 adjustable 1 fixed
Electrical - Frequency	V (Hz)	115 (60)
Amps	FLA	0.75
Net Weight	lb kg	75 34
Warranty		2 yr parts/labor

Specifications subject to change · ¹Data available upon request · *Includes leveling feet · Published interior volumes are nominal; usable cu ft (liters) capacity may be offset by protrusions into cabinet · Warranty applicable in the U.S. and Canada · Technical Data Sheet available at www.helmerinc.com



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Accessories

Universal Power Supplies

With AdvanceCore™ technology, the MLR102 is uniquely compatible for connection with a Universal Backup Power Supply (UPS) to extend power to the refrigerator after power loss.

Whether it is to protect vaccines or medications in locations that do not have backup generators, or enhance existing disaster recovery plans, a UPS can provide additional safe storage after main power loss.

Certificate of Calibration

Order at time of purchase

Medication Management System Bracket Kits

Brackets available for Pyxis and Omnicell remote locks



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