

Ultra-Low Temperature Freezers

AMERICAN-MADE COLD, BUILT TO PERFORM



LRP 
LAB RESEARCH
PRODUCTS

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Ultra-Low Temperature Freezers

Engineered for uncompromising reliability, Ultra-Low Temperature Freezers by LRP provide industry-leading temperature stability, energy efficiency, and advanced security to safeguard your critical samples.

Precision. Performance. Protection

Lab Research Products' Ultra-Low Temperature (ULT) Freezers are designed to maintain ultra-low temperatures down to -86°C , providing stability and reliability for critical storage needs. Our energy-efficient compressors, reinforced shelving, and superior door insulation work together to minimize temperature fluctuations, ensuring long-term preservation of your valuable samples.

Built for research, healthcare, and industrial applications, these Ultra-Low Temperature Freezers deliver intuitive functionality and uncompromising reliability in a range of sizes and configurations. Designed with sustainability in mind, our freezers utilize eco-friendly hydrocarbon (HC) refrigerants, reducing environmental impact while maintaining exceptional cooling performance and energy efficiency.



INDUSTRY LEADING Warranty

5-year parts and labor warranty
plus a 7-year compressor warranty.



ENERGY-EFFICIENT Design

Engineered for sustainability
without sacrificing performance.



RELIABLE, LONG-TERM Performance

Built to withstand the demands of
continuous use.



PROUDLY MADE in the USA

Manufactured with superior
craftsmanship and quality control.

INTUITIVE Touch Screen Technology

Advanced Data Logging & Real-Time Monitoring

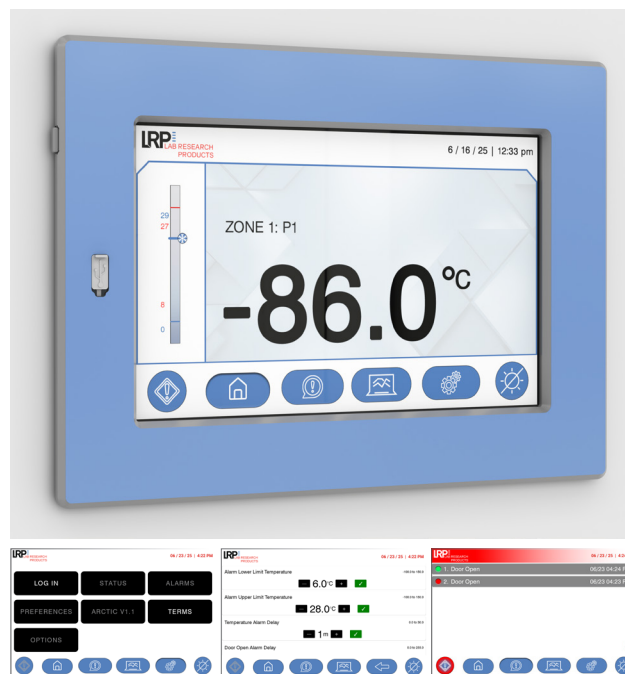
- Logs data every 5, 10, or 15 minutes, downloadable in .csv or .pdf formats.
- Tracks all alarms with date and time stamps.
- Displays real-time temperature trends.
- Pinch zoom and scroll for in-depth data analysis.
- Supports dual temperature probes for zone comparison and alarm thresholds.

Customizable Alarms & Notifications

- High/low-temperature, power loss, and door ajar alerts.
- Adjustable alarm delays and customizable sound settings.
- Visual alerts remain active until resolved, ensuring full accountability.
- Silence function keeps alarms visible while muting sound.

Precision Controls & Security

- Adjustable temperature setpoints with 0.1°C resolution.
- Energy-saving dim mode and screen brightness controls.
- Secure password/PIN login with three access levels.
- Automatic logout after inactivity and battery reset reminders.



KEY Features

Triple Seal Gasket

Ensures an airtight seal to minimize temperature fluctuations and maximize energy efficiency.

Steel Double-Insulated Inner Doors

Reduces cold air loss when accessing samples, maintaining ultra-low temperatures.

Ergonomic Door Handle with Lock

Easy-to-use handle with built-in security features for controlled access.

Easy Access for Filter Changing

Simplifies maintenance to keep the freezer operating at peak efficiency.

Energy-Efficient Performance

High-efficiency compressors and insulated inner doors for reduced energy use.



PRODUCT

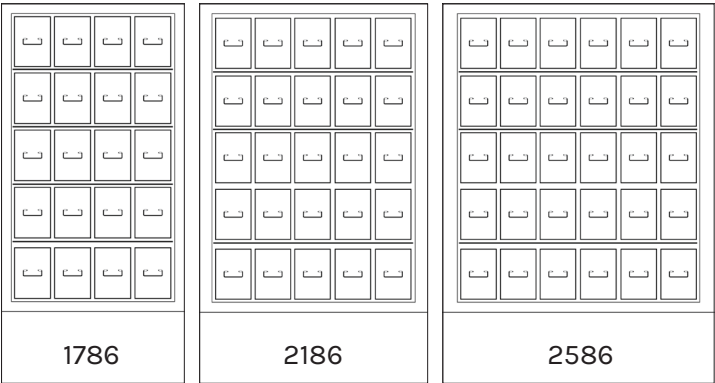
Specifications

| Part No. | Cu. Ft. | Description | Exterior Dimensions |
|----------------|---------|--|--------------------------|
| LRP-HC-1786-TS | 17 Ft³ | Manual Defrost Freezer, Five Inner Compartments, Dual Voltage Ready with 115V and 230V cords | 37.6"W x 36.3"D x 79.6"H |
| LRP-HC-2186-TS | 21 Ft³ | Manual Defrost Freezer, Five Inner Compartments, Dual Voltage Ready with 115V and 230V cords | 43.3"W x 36.3"D x 79.6"H |
| LRP-HC-2586-TS | 25 Ft³ | Manual Defrost Freezer, Five Inner Compartments, Dual Voltage Ready with 115V and 230V cords | 49"W x 36.3"D x 79.6"H |

INVENTORY RACK

Capacity & Dimensions

| | LRP-HC-1786-TS | LRP-HC-2186-TS | LRP-HC-2586-TS |
|-------------------|----------------|----------------|----------------|
| Racks per Shelf | 4 | 5 | 6 |
| Racks per Freezer | 20 | 25 | 30 |
| 2" Box Capacity | 230 | 400 | 480 |
| 3" Box Capacity | 240 | 300 | 360 |



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www.labresprod.com
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