

LSRP85-14

14 Cubic Ft. Ultra-low Freezer



-86°C Ultra-low Temperature Freezer

Temperature Range (°C)

-40 to -86

Exterior w x d x h (in)

31 x 41 x 76.5

Interior w x d x h (in)

17.3 x 27.4 x 49.8

Capacity (Cu.ft)

14

Weight (lbs)

522

7' Screen Control System

7-inch Android HD display touch screen, user-friendly interface and more accurate temperature control, with Bluetooth, Wi-Fi and other functions, more convenient operation and more comprehensive functions.

High-Precision Temperature Control System

The high-precision computerized temperature control system ensures an adjustable temperature within a range from -40°C to -86°C inside the cabinet, and the high-definition digital temperature display has a display accuracy of 0.1 °C.

Powerful Refrigeration System

The LSR85-14 ultra-low freezer is equipped with a high-efficiency compressor and EBM fan to save energy and be environmentally friendly. The large finned condenser delivers efficient and effective heat dissipation to ensure consistent ULT temperatures.

Effective Thermal Insulation

This under-counter ultra-low freezer's door is equipped with vacuum insulation with seal. The six sides of the cabinet are made from high-performance vacuum insulation materials, which can provide effective thermal insulation.

Model

| | |
|--------------------------------|----------------|
| Cabinet Type | Upright |
| Capacity (Cu.Ft) | 14 |
| Internal Size (WxDxH) (inches) | 17.3x27.4x49.8 |
| External Size (WxDxH) (inches) | 31x41x76.5 |
| Package Size (WxDxH) (inches) | 35x45.9x84.4 |
| NW/GW(Lbs) | 522/600 |

Performance

| | |
|--------------------------|----------------------|
| Temperature Range (C°) | -40° ~ -86° |
| Ambient Temperature (C°) | 16-32° |
| Controller | Microprocessor |
| Display | Android Touch Screen |

Refrigeration

| | |
|--------------------------|----------------|
| Compressor | Single |
| Cooling Method | Direct Cooling |
| Defrost Mode | Manual |
| Refrigerant | Mixture Gas |
| Insulation Thickness(mm) | 130 |

Construction

| | |
|--------------------|--------------------------------------|
| External Material | Steel Plates with spraying |
| Inner Material | Galvanized steel sheet |
| Shelves | 3 stainless steel |
| Door Lock with Key | Yes |
| Internal Doors | 4 |
| Access Port | 2pc. Ø 25 mm |
| Casters | 4 + 2 Leveling Feet |
| Data Logging | USB/Record every 10 minute / 2 years |

Alarm

| | |
|-------------|--|
| Temperature | High/Low temperature |
| Electrical | Power Failure, Low Battery |
| System | Door ajar, Sensor Failure, USB Datalog Failure, Recorder Failure, Main board communication error |

Electrical

| | |
|--------------------|--------|
| Power Supply(V/HZ) | 110/60 |
| Rated Current(A) | 8.9 |

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