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Fisherbrand Isotemp -80 Freezer - Made in 2024!



19.4 cu. ft. (549 liters), accommodating ~400 x 2-inch cryoboxes

Rating: Not Rated Yet

Price

Sales price \$5,750.00

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Manufacturer [Fisher Scientific](#)

Description

Fisherbrand (Thermo Scientific) IUE40086FA Isotemp Ultra-Low Temperature Freezer is a reliable, energy-efficient upright -80°C freezer designed for secure long-term storage of biological samples, reagents, and other temperature-sensitive materials in labs, biotech, and clinical settings. It uses advanced hydrocarbon refrigeration technology for sustainability and performance. This 2024-made unit emphasizes sample security, operational savings, and ease of use with features like robust alarms and optional backup systems. Multiples available.

Key Features

Temperature Range: -50°C to -86°C, with excellent stability (around 5.8–5.9°C) for protecting sensitive samples

Capacity: 19.4 cu. ft. (549 liters), accommodating ~400 x 2-inch cryoboxes — ideal for medium-to-large storage needs.

Freezers, -80C and below: Fisherbrand Isotemp -80 Freezer - Made in 2024!

Energy Efficiency: Hydrocarbon (natural refrigerant) system uses ~9.6 kWh/day — up to 25% savings vs. conventional models, with low heat output and quieter operation (~53 dBA).

Insulation & Construction: Vacuum and high-efficiency foam insulation maximize interior space while minimizing thermal loss; durable painted steel exterior; intuitive capacitive touchscreen interface for monitoring/control.

Electrical & Dimensions: 115V/60Hz (model FA); Exterior approx. 32.5" W x 78" H x 38.6" D; weight ~381 kg (840 lbs). Designed for standard lab environments (ambient 15–32°C).

Comes with our 90-day warranty.

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