

Thermo Scientific Revco RLE60086A ? 80 °C Ultra?Low Freezer



Temperature Range: -50 °C to -86 °C; Capacity: 28.8 cu ft (holds up to 600 standard 2? cryoboxes)

Rating: Not Rated Yet

Price

Sales price \$6,750.00

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Manufacturer [Thermo Scientific](#)

Description

The Thermo Revco RLE60086A is a high-capacity upright ultra-low (-80 °C) freezer designed for secure, long-term storage of sensitive biological samples. It features energy-efficient natural refrigerants, a capacitive touchscreen interface for data logging, and embedded wireless monitoring via Thermo's DeviceLink system. With an ergonomic design—including five inner doors and rapid temperature recovery after door opening—this freezer offers both sample protection and operational convenience.

Specifications

Temperature Range: -50 °C to -86 °C

Capacity: 28.8 cu ft (holds up to 600 standard 2? cryoboxes)

Energy Efficiency: Uses as low as ~9.4 kWh/day; natural hydrocarbon refrigerants and water-blown foam insulation

User Interface & Monitoring: Capacitive touch-screen UI, event log, temperature mapping, USB data export; embedded Device

Doors: One outer door + five inner doors to minimize temperature disturbance when accessing samples

Physical Dimensions Exterior: 37.6? (D) x 39.6? (W) x 78? (H)

Power Requirements: 115 V, 60 Hz, draw ~12.7 A; uses a NEMA 5-20 plug

Insulation / Cooling System: Uses vacuum insulation panels (VIP) + water-blown polyurethane foam

Alarm & Monitoring Features: Adjustable warm/cold alarms, remote alarm terminals

Defrost & Recovery Manual defrost: Rapid temperature recovery after door opening: designed to restore cabinet temp faster than older models

Comes with our 90-day warranty.

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Biotech Equipment Sales, Inc.
226 Miller Ave.
South San Francisco, CA 94080
650-871-5707 office
650-276-7487 fax
sales@biotechequipmentsales.com