

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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