

Thermo Scientific Revco High Performance Laboratory Freezers

Featuring IntrlLogic Microprocessor Control

Our general laboratory freezers are designed for medical and scientific applications such as storage of reagents, pharmaceuticals, biologicals, or other commonly used laboratory materials. Models offer cabinet sizes to fit a variety of space needs and storage volume requirements.



ULT-5030 (left) and ULT-2330 (right) -30°C freezers, shown with optional casters and temperature recorder.



Our freezers feature the IntrlLogic microprocessor control system, positive airflow systems, industrial quality cabinet construction and extra-strength refrigeration compressors selected for industrial, clinical and scientific use.

IntrlLogic Microprocessor Control

Our ULT series lab freezers feature enhanced digital electronic technology designed to simplify operation and deliver greater accuracy (see pages 4 and 5).

- Pre-set -30°C operation
- Icon-based controls and displays include graphic references for universal operation
- Setpoint security with key-operated triple-position master switch controls power to all systems for added safety
- Audible/visual warnings for over-temperature, undertemperature and power failure, with visual status reports on critical functions

- Graphic thermometer confirms proper operation at-a-glance, shows normal, high or low temperature condition; steady green for normal, flashing top bar for overtemperature, flashing bulb for undertemperature
- Advanced defrost sensor manages the defrost cycle, minimizing trace amounts of frost build-up to maintain refrigeration coil efficiency
- Enlarged digital display, resolution to within 0.1°C, improves visibility
- Alarm silence, ringback and automatic reset functions
- Push button alarm test verifies sensor continuity
- Battery backup assures control panel function during power failure
- Remote alarm contacts are included on all models

General Purpose Laboratory Freezers

Temperature Range: -30°C (auto defrost)

Model No.	Cu.Ft. (L)	Voltage (Hz)	Amps/Breaker (Plug)	Cabinet	Door	Shelves	Int. Dimensions* H x D x W inches (mm)	Ext. Dimensions* H x D x W inches (mm)	Ship Weight lb (kg)
ULT430A ULT430D ULT430V ULT430W	4.9 (133)	115 (60) 208/230 (60) 230 (50) 230 (50)	8.0/15 (P1) 6.0/15 (P4) 6.0/15 (P7) 6.0/15 (P8)	undercounter	single, solid	3	20.0 x 20.0 x 20.0 (500 x 500 x 500)	33.4 x 26.0 x 24.0 (850 x 660 x 610)	212 (96)
ULT1230A ULT1230V ULT1230W	11.5 (326)	115 (60) 230 (50) 230 (50)	8.0/15 (P1) 8.0/15 (P7) 8.0/15 (P8)	space saver	single, solid	4	52.0 x 21.0 x 20.0 (1320 x 530 x 500)	71.9 x 28.8 x 24.0 (1830 x 740 x 610)	280 (127)
ULT2330A ULT2330D ULT2330V ULT2330W	23.3 (659)	115 (60) 208/230 (60) 230 (50) 230 (50)	16.0/20 (P2) 12.0/15 (P4) 12.0/15 (P7) 12.0/15 (P8)	upright	single, solid	4	58.0 x 29.0 x 24.0 (1470 x 730 x 610)	77.5 x 35.5 x 28.0 (1970 x 910 x 720)	370 (168)
ULT3030A ULT3030D ULT3030V ULT3030W	29.2 (826)	115 (60) 208/230 (60) 230 (50) 230 (50)	16.0/20 (P2) 12.0/15 (P4) 12.0/15 (P7) 12.0/15 (P7)	upright	single, solid	4	58.0 x 29.0 x 30.0 (1470 x 730 x 760)	77.5 x 35.5 x 34.0 (1970 x 910 x 870)	445 (202)
ULT5030A ULT5030D ULT5030V ULT5030W	51.1 (1447)	115 (60) 208/230 (60) 230 (50) 230 (50)	16.0/20 (P2) 12.0/15 (P4) 12.0/15 (P7) 12.0/15 (P8)	upright	double, solid	8	58.0 x 29.0 x 52.0 (1470 x 730 x 1320)	77.5 x 35.5 x 56.5 (1970 x 910 x 1440)	600 (272)

Temperature Range: -20°C (manual defrost)

Model No.	Cu.Ft. (L)	Voltage (Hz)	Amps/Breaker (Plug)	Cabinet	Door	Shelves	Int. Dimensions* H x D x W inches (mm)	Ext. Dimensions* H x D x W inches (mm)	Ship Weight lb (kg)
UGL2320A UGL2320D UGL2320V UGL2320W	23.3 (659)	115 (60) 208/230 (60) 230 (50) 230 (50)	13.5/20 (P2) 5.6/15 (P4) 5.6/15 (P7) 5.6/15 (P8)	upright solid	single	4	58.0 x 29.0 x 24.0 (1470 x 730 x 610)	77.5 x 35.5 x 28.0 (1970 x 910 x 720)	425 (193)

* Published interior volumes are nominal; useable cu.ft. (L) capacities may be offset by shelves, drawers, blower coils, or cabinet protrusions. For specific cabinet dimensions and allowances, or for verification of clearance tolerances, contact our sales representative. Product performance may be affected by ambient temperature conditions, humidity conditions, sample loading preferences, and frequency of door openings. Contact our sales representative for specific inquiries regarding your application.

Cabinet Construction and Inventory System

- Cabinet capacities from 4.9 to 51.1 cu.ft. (133 to 1447 L)
- High-density, CFC-free urethane foam insulation protects cabinet from ambient temperature fluctuations and minimizes operating costs
- Positive, forced-air circulation maintains temperature uniformity at all shelf levels
- Directional air flow assures quick recovery after door openings
- Solid door with keyed door lock for added security
- Self-closing doors close against closed-cell peripheral gasket
- Door locking provision on all models
- Full-length door handle(s) on all models
- Epoxy-coated, open wire shelves, adjustable in 1" (25 mm) increments; no tools required

- Adjustable leveling feet standard; optional casters are available
- Scratch resistant painted interior and exterior finish for easy cleaning
- 1" (25 mm) access port standard on ULT430

Refrigeration System

- Heavy duty, industrial-grade, hermetically sealed compressors
- Automatic defrost maintains optimum cooling capacity
- Automatic condensate removal; no drain lines required

Optional Accessories

- Voltage safeguard, free standing
- Built-in 6" (152 mm), 7-day circular chart recorder (free-standing on ULT430)
- Access port 1" (25 mm) diameter, (standard on ULT430)

- Stainless steel interior and exterior surfaces
- 2" (50 mm) casters
- Additional shelves
- Finished countertop for ULT430



Model ULT430 undercounter freezer, shown with optional finished countertop.