thermoscientific



Thermo Scientific Revco High-Performance Laboratory Refrigerators and Freezers

Designed for your clinical, diagnostic and research needs



REFRIGERATORS

LABORATORY











CHROMATOGRAPHY



BLOOD BANK



-

PHARMACY







FLAMMABLE MATERIAL



FREEZERS

LABORATORY







PLASMA



ENZYME 13



FLAMMABLE MATERIAL



Thermo Scientific[™] Revco[™] High-Performance Laboratory Refrigerators and Freezers

lt's a **cold hard fact:**

Temperature variation can have an impact on the viability of samples and the efficacy of reagents. These variations can shorten product shelf life, degrade enzymes and reduce vaccine effectiveness. Therefore, it's important to choose a high-performance refrigerator or freezer that has been designed for the demanding standards of the clinical and laboratory environment.

We continually search for ways to enhance our products and processes responsibly:

- Reduce the use of refrigerants in our cold storage equipment
- Use solvent-free, paint technology
- All of our high-performance refrigerators and freezers are manufactured in a zero waste to landfill facility
- Fluorescent lighting in our refrigerators replaced with mercury-free, LED lights

Microprocessor-Based Controller

simplifies operation, improves reliability

Setpoint Security

Key-operated triple position switch for main power and alarm; locks in temperature and alarm setpoints to minimize setpoint error and prevent tampering

Graphic Thermometer

Easy to view, shows normal, high or low temperature condition; steady green for normal, flashing top bar for overtemperature, flashing bulb for undertemperature

Power Failure

Illuminated when main power is interrupted

Service Required

Illuminated when
controller is in
programming mode,
or if simulated
warm or cold
conditions fail to
occur during alarm
test function

Touchpad

Data Entry Increases or decreases setpoint values in programming mode

Interior Light Switch

Enables interior lighting system (on glass door cabinets)









Automatic Defrost System

Defrost sensor manages automatic defrost cycle (except manual defrost models)

Door Ajar

Illuminated when door is left open (not available on sliding glass door cabinet)

Ajar Battery Backup

Continuous charge provides full alarm function in case of power failure

Low Battery Alarm

Illuminated when the alarm system battery backup charge is low

Audible Alarm

Simulates in the event of warm, cold or power loss conditions. Mute will silence audible alarm with 6 minute ring back interval; display remains flashing

Our bright, easy to read display lets you know at-a-glance if your unit is running within range. Visual and audio alarms are designed to alert you in the event of a problem. Immediate access to high and low temperature parameters with the press of a button.

Touchpad Scan

Changes main display; also used to access various programming and service functions (alarm mute, recall 6 minutes).

Digital Display

Indicates cabinet temperature during normal operation, flashes during alarm condition or setpoint adjustment. Displays other values with touchpad sequence.

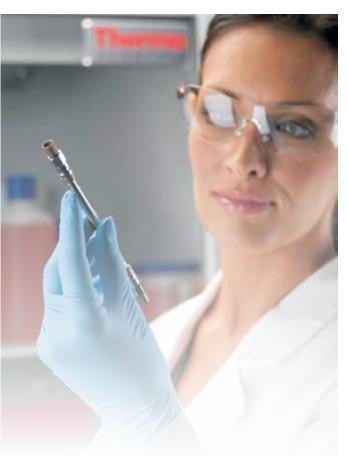
Service Parameters

Touchpad sequence allows override access to control function defaults for troubleshooting functions.



Chromatography Refrigerators

Columns



Our **Revco high-performance chromatography refrigerators** are designed for a variety of applications requiring close temperature control, full access to chromatography instrumentation, and easy set-up of instrumentation and apparatus within the chamber.

- Forced air circulation for uniform temperature at all shelf levels
- Heat-free defrost for maximum uniformity
- Two 2" (5 cm) access ports with insulated hinged covers
- Interior plug outlet (duplex on A and D models; single on V and W models)
- Four casters for easy mobility, front two are lockable
- Bright, LED interior lighting
- Adjustable, epoxy-coated wire shelves are standard (optional drawers)
- Keyed on/off switch with setpoint security
- Self-closing door with 90° stop (except REC4504 sliding glass door model)
- Built-in remote alarm contacts
- Optional 4-20 milliamp output



Thermo Scientific Revco High-Performance Chromatography Refrigerators

Model No.	Cu. Ft. (L)	Voltage (Hz)	Certification	Plug	Door	Full Adjustable Shelves	Half Adjustable Shelves	Int. Dimensions* H x D x W inches (mm)	Ext. Dimensions* H x D x W inches (mm)	Ship Weight Ib (kg)
REC2304A	23.3	115 (60)	UL	NEMA 5-15	single, glass	0	2	58.0 x 29.0 x 24.0	79.2 x 36.4 x 28.0	425
REC2304D	(659)	208/230 (60)	UL	NEMA 6-15				(1473 x 737 x 610)	(2012 x 925 x 711)	(193)
REC2304V		230 (50)	CE	European						
REC2304W [‡]		230 (50)	CE	U.K.						
REC3004A	29.2	115 (60)	UL	NEMA 5-15	single, glass	0	2	58.0 x 29.0 x 30.0	79.2 x 36.4 x 34.0	435
REC3004D	(826)	208/230 (60)	UL	NEMA 6-15				(1473 x 737 x 762)	(2012 x 925 x 864)	(197)
REC3004V		230 (50)	CE	European						
REC3004W [‡]		230 (50)	CE	U.K.						
REC4504A	45.8	115 (60)	UL	NEMA 5-15	double, sliding glass	4	2	58.0 x 26.0 x 52.5	79.1 x 34.5 x 56.5	670
REC4504D	(1297)	208/230 (60)	UL	NEMA 6-15				(1473 x 660 x 1334	(2010 x 838 x 1435)	(304)
REC4504V		230 (50)	CE	European						
REC4504W [‡]		230 (50)	CE	U.K.						
REC5004A	51.1	115 (60)	UL	NEMA 5-15	double, glass	4	2	58.0 x 29.0 x 52.5	79.2 x 36.4 x 56.5	580
REC5004D	(1447)	208/230 (60)	UL	NEMA 6-15				(1473 x 737 x 1334)	(2012 x 925 x 1435)	(263)
REC5004V		230 (50)	CE	European						
REC5004W [‡]		230 (W)	CE	U.K.						
REC7504A	78.8	115 (60)	UL	NEMA 5-15	triple, glass	8	2	58.0 x 29.0 x 81.0	79.2 x 36.4 x 85.0	965
REC7504D	(2231)	208/230 (60)	UL	NEMA 6-15				(1473 x 737 x 2057)	(2012 x 925 x 2159)	(438)
REC7504V		230 (50)	CE	European						
REC7504W		230 (W)	CE	U.K.						

^{*} 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.

^{*} Note for Australia and New Zealand: Due to the units having two power cords (one for unit, one for internal receptacle), units are supplied with 15A power cords.



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Use the above details to contact us if this literature doesn't answer all your questions.

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.





