

REFRIGERATORS



Biologics

Diagnostic
Kits &
Reagents

Industrial
Testing

Molecular
Biology

Vaccines
& Pharma

Clinical
Applications

Laboratory Refrigerators

Our Revco **high-performance, laboratory refrigerators** are available in a wide range of cabinet sizes to fit a variety of storage requirements and laboratory footprints.



Would you like to customize your glass door refrigerator?

See page 17 for options and accessories.

- **Forced air circulation for uniform temperature at all shelf levels**
- **Heat-free defrost for maximum uniformity**
- **Choice of glass or solid doors**
- **Four casters, for easy mobility; the front two are lockable**
- **1" (2.5cm) insulated access port**
- **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 to assist with inventory loads (except sliding glass door REL4504 model)**
- **Built-in remote alarm contacts**
- **Optional +5°C setpoint can be customized for users validating lab refrigerators in the +2 to +8°C setpoint (not available on 45 cu. ft. sliding door or 78 cu. ft. trip door models; order option 7508TA with your lab**

Thermo Scientific Revco High-Performance Laboratory Refrigerators With Glass Doors

Temperature Range: +1°C to +8°C, factory preset to +4°C (auto defrost) Optional +5°C setpoint available (order option 7508TA)

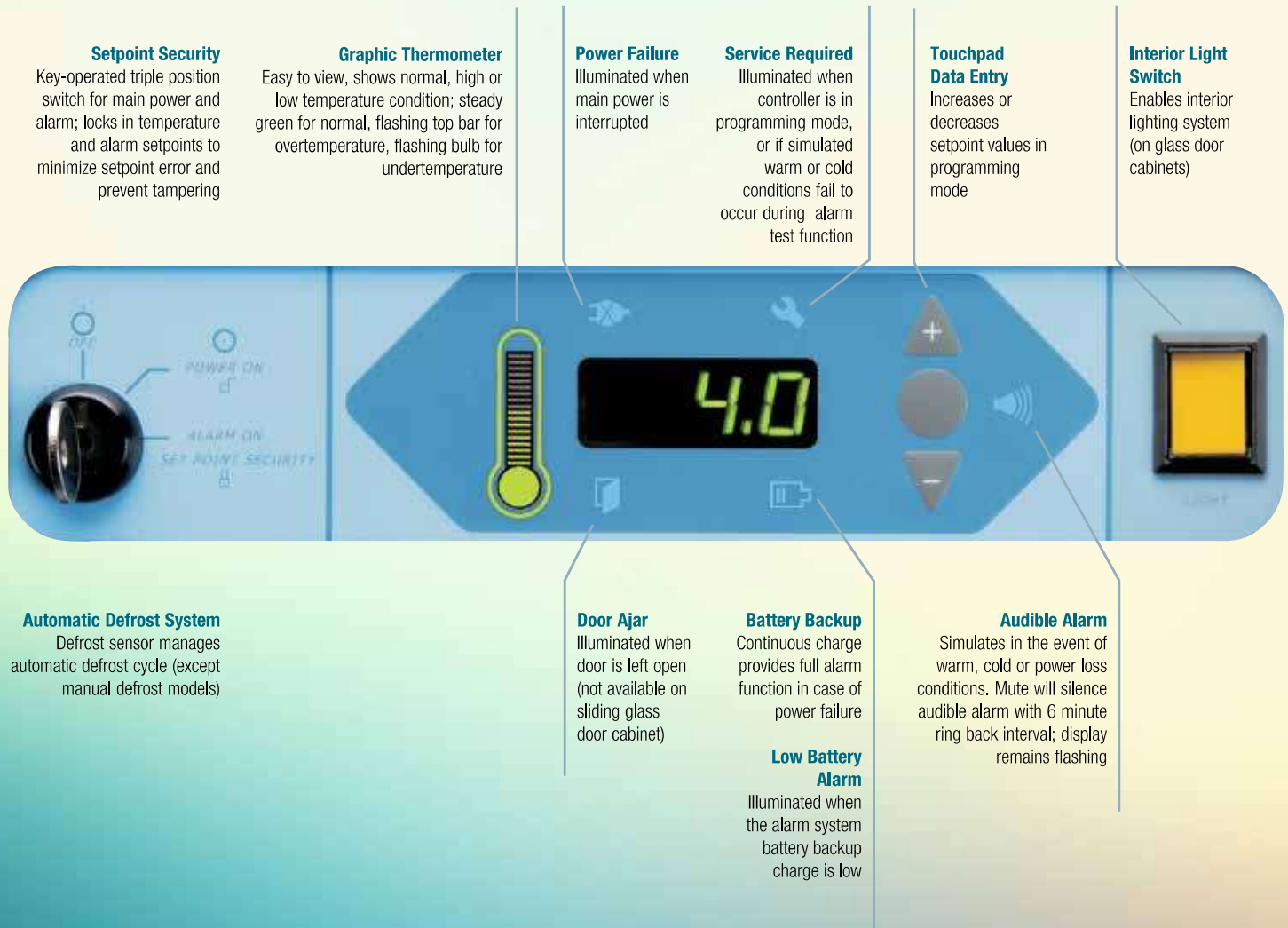
Model No.	Cu. Ft. (L)	Voltage (Hz)	Certification	Plug	Cabinet	Door	Adjustable Shelves	Int. Dimensions* H x D x W inches (mm)	Ext. Dimensions* H x D x W inches (mm)	Ship Weight lb (kg)
RGL404A	4.9	115 (60)	UL	NEMA 5-15	undercounter	single	3	20.0 x 20.5 x 20.0	33.4 x 26.0 x 24.0	220
RGL404D	(133)	208/230 (60)	UL	NEMA 6-15				(508 x 521 x 508)	(850 x 660 x 610)	(100)
RGL404V		230 (50)	CE	European						
RGL404W†		230 (50)	CE	U.K.						
								Exterior height before caster installation.		
RGL1204A	11.5	115 (60)	UL	NEMA 5-15	space saver	single	4	52.4 x 21.75 x 20.0	73.6 x 29.4 x 24.0	280
RGL1204D	(326)	208/230 (60)	UL	NEMA 6-15				(1331 x 553 x 508)	(1869 x 748 x 610)	(127)
RGL1204V		230 (50)	CE	European						
RGL1204W†		230 (50)	CE	U.K.						
RGL2304A	23.3	115 (60)	UL	NEMA 5-15	upright	single	4	58.0 x 29.0 x 24.0	79.2 x 37.2 x 28.0	370
RGL2304D	(659)	208/230 (60)	UL	NEMA 6-15				(1473 x 737 x 610)	(2012 x 945 x 711)	(168)
RGL2304V		230 (50)	CE	European						
RGL2304W†		230 (50)	CE	U.K.						
RGL3004A	29.2	115 (60)	UL	NEMA 5-15	upright	single	4	58.0 x 29.0 x 30.0	79.2 x 37.2 x 34.0	435
RGL3004D	(826)	208/230 (60)	UL	NEMA 6-15				(1473 x 737 x 762)	(2012 x 945 x 864)	(197)
RGL3004V		230 (50)	CE	European						
RGL3004W†		230 (50)	CE	U.K.						
REL4504A	45.8	115 (60)	UL	NEMA 5-15	upright	double	8	58.0 x 26.0 x 52.5	79.1 x 34.5 x 56.5	670
REL4504D	(1297)	208/230 (60)	UL	NEMA 6-15		sliding		(1473 x 660 x 1334)	(2010 x 876 x 1435)	(304)
REL4504V		230 (50)	CE	European						
REL4504W†		230 (50)	CE	U.K.						
RGL5004A	51.1	115 (60)	UL	NEMA 5-15	upright	double	8	58.0 x 29.0 x 52.5	79.2 x 37.2 x 56.5	585
RGL5004D	(1447)	208/230 (60)	UL	NEMA 6-15				(1473 x 737 x 1334)	(2012 x 945 x 1435)	(265)
RGL5004V		230 (50)	CE	European						
RGL5004W†		230 (50)	CE	U.K.						
RGL7504A	78.8	115 (60)	UL	NEMA 5-15	upright	triple	12	58.0 x 29.0 x 81.0	79.2 x 37.2 x 85.0	805
RGL7504D	(2231)	208/230 (60)	UL	NEMA 6-15				(1473 x 737 x 2057)	(2012 x 945 x 2159)	(365)
RGL7504V		230 (50)	CE	European						
RGL7504W		230 (50)	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. 4.7 cu. ft. exterior dimensions are without casters.

† Due to differences in building wiring regulations in Australia and New Zealand, the current draw for the W-voltage units rated less than 10A may utilize a 10A circuit breaker. This rating only applies to Australia and New Zealand. Confirm the amperage rating on the data plate. Contact your local sales representative for more information.

Microprocessor-Based Controller

simplifies operation, improves reliability



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.

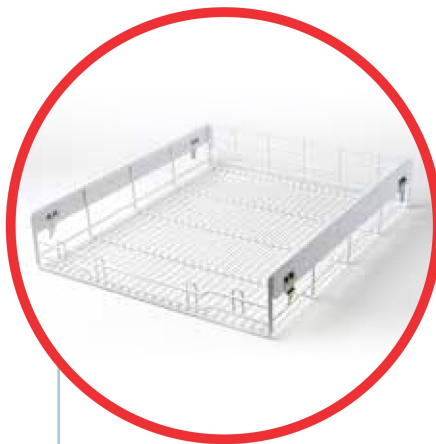
Service Parameters

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

OPTIONS & ACCESSORIES



► **Shelves**



► **Wire Basket Drawers**



► **Enzyme Storage Bins**

Productive use of our high-performance refrigerators and freezers can be enhanced with options and accessories specifically designed to improve utility and convenience.

Many options are factory-installed and must be specified with your refrigerator and freezer order. Customer-installed options may require the services of a factory authorized technician. The ordering chart on the following page will inform you which options are factory- or customer-installed.

Before Ordering...

Serial number tags on all of our refrigerators and freezers provide model numbers and voltage information needed for accurate selection of options ordered for field installation. You can also refer to the refrigerator and freezer ordering charts in this brochure for model numbers and voltage information. It is recommended that options be ordered when your refrigerator or freezer is ordered. Factory-installed options eliminate down-time during product installation.

Door Swing Options and Heated Glass Door Options (Factory-Installed)

All high-performance refrigerators and freezers are right-hand swing but factory-installed, left hand swings are available. To mitigate condensation, heated glass door options are also available. Not all options are available on all models: see the chart on the following page.

Temperature Chart Recorders (Factory- or Customer-Installed)

Standard on blood bank refrigerators and plasma freezers but optional on other models. Chart recorders are 6" (15.2 cm), seven-day and use pressure-sensitive chart paper. One box of 50 charts is included with order.

Surge Suppressors (Factory-Installed)

Designed to prevent issues related to voltage surges.

Remote Alarm Modules (Factory-Installed)

Free-standing remote alarm modules tie-in to the standard remote alarm terminals on the refrigerators and freezers.

OPTIONS & ACCESSORIES



Alarm Delay Modules

The alarm delay eliminates nuisance alarms due to intermittent or transitory conditions such as lightning or brief power outages. The adjustable delay requires an alarm condition to exist continuously for a pre-determined time (adjustable) before a signal is released to a central alarm/monitoring system or telephone dialer.

- Adjustable delay from 0.5 to 32 minutes
- Red alarm indicator light remains flashing after transient condition is corrected; requires manual reset
- Signals chronic alarm conditions which may indicate impending component failure; allows time for inspection of corrective maintenance
- Inserts variable time interval between detection of alarm condition and transmission of signal
- Includes accurate digital timing circuit adjustable from 0.5, 1, 2, 4, 8, 18 or 32 minutes
- Operates independent of the line power; built-in battery and alarm test function users customer supplied 9V battery

Digital Temperature Monitors

Simple, accurate and cost-effective, the digital temperature and power monitor provides both alarm/monitoring and digital temperature display in a single, self-contained unit. Standard features include high alarm, alarm mute and chirp, audio delay timer, remote alarm contacts (SPDT), NiCad battery backup and low voltage AC power supply. 120V, AC only.

- Can be installed on or adjacent to the refrigerator or freezer
- Activates an audible and visual warning in case of power failure or over-temperature condition
- Choose from single probe digital models or multiple probe, microprocessor-based models
- Temperature range is -100°C to 25°C
- Probe size 1.25"L x 0.25" diameter

4-20 milliamp (MA) transmitters

4-20 milliamp transmitters offer a point-to-point circuit to transmit signals from refrigerator and freezer sensors to a controller, sending an analog signal from 4 to 20 milliamps.

Specialty Electrical Plugs

For countries where NEMA 5-15, 6-15 and Continental EU plugs are not standard, specialty plug options are available. See the following page for these country-specific plugs.

Seismic Restraint Kits

Provides additional stability for regions prone to earthquakes.

e-Lock Adapter Kits

E-locks provide access control with audit-trail capabilities, as well as temperature monitoring. These kits require no electricity and are available in both factory- and customer-installed options for CompX™, Pyxis®, Omnicell® and McKesson™ locks.

CompX is a trademark of CompX International, Inc. Pyxis is a registered trademark of CareFusion Corporation. Omnicell is a registered trademark of Omnicell, Inc. McKesson is a trademark of McKesson Corporation.

Laboratory Refrigerators | OPTIONS & ACCESSORIES ORDERING GUIDE

Options for High-Performance Refrigerators Ordering Guide

For use with refrigerator size →	4.9 cu. ft. (133 L)	11.5 cu. ft. (326 L)	23.3 cu. ft. (659 L)	29.2 cu. ft. (826 L)	45.8 cu. ft. (1297 L)	51.1 cu. ft. (1447 L)	78.8 cu. ft. (2231 L)
Door options (factory-installed)	Model No.	Model No.	Model No.	Model No.	Model No.	Model No.	Model No.
Left hand swing, solid door	7119	6995	6997	6999			
Left hand swing, glass door	7123	6996	6998	7000			
Left hand swing, heated glass door		7073	7075	7087			
Right hand swing, glass door	7118	7066	7012	7013			
Right hand swing, heated glass door		7074	7086	7088			
Double left hand swinging doors, solid						7001	
Double left hand swinging doors, glass						7067	
Double left hand swinging doors, heated glass						7089	
Double right hand swinging doors, solid						7068	
Double right hand swinging doors, glass						7069	
Double right hand swinging doors, heated glass						7090	
Double left and right hand swinging doors, solid						7019	
Double left and right hand swinging doors, glass						7014	
Double left and right hand swinging doors, heated glass						7091	
6" 7-day inkless chart recorders, -40°C to +25°C	Model no. (all sizes)						
Free-standing, customer-installed, 115V, 60Hz models				6383-7A			
Free-standing, customer-installed, 208-230V, 60Hz models				6383-7D			
Free-standing, customer-installed, 230V, 50Hz models (EU)				6383-7V			
Free-standing, customer-installed, 230V, 50Hz models (UK)				6383-7W			
Factory-installed (all voltages)				6183-7			
Replacement chart paper, box of 50				6184			
Surge suppressor (factory-installed)							
115V, 60Hz models				6402-1			
208-230V, 60Hz models				6402-2			
230V, 50Hz models				6402-3			
Remote alarm modules (factory-installed)							
115V, 60Hz models				5612-1A			
208-230V, 60Hz models				5612-2D			
230V, 50Hz models				5612-3V			
Alarm delay modules							
Battery operated				6903			
Digital temperature monitors							
Single input channel, temperature range -100° to +25°C, set point resolution of 1°C, high temperature alarm only, numeric LCD display, red visual alarm, 8 ft. Teflon® lead wire, Velcro® mounting strap, 5" L x 2"D x 4.5"W (mm, 130 x 50 x 110), 120v, 60hz, with a 15amp dual prong plug (fits NEMA 5-15R)				6898			
Deluxe electronic remote alarm							
Requires a dedicated, analog phone line				6224TA			
4-20 milliamp transmitters							
Self-powered, factory-installed				7204			
Non-powered, factory-installed				6907-1			
Non-powered, customer-installed				6907-2			
e-Lock adapter kits (does not include locks; single door models only)							
CompX adapter, factory-installed			CXELAF				
CompX adapter, customer-installed			CXELAC				
Pyxis glass door adapter, factory-installed			PXELAGF				
Pyxis glass door adapter, customer-installed			PXELAGC				
Pyxis solid door adapter, factory-installed			PXELASF				
Pyxis solid door adapter, customer-installed			PXELASC				
Omniceil glass door adapter, factory-installed			OMELAGF				
Omniceil glass door adapter, customer-installed			OMELAGC				
Omniceil solid door adapter, factory-installed			OMELASF				
Omniceil solid door adapter, customer-installed			OMELASC				
McKesson glass door adapter, factory-installed			MKELAGF				
McKesson glass door adapter, customer-installed			MKELAGC				
McKesson solid door adapter, factory-installed			MKELASF				
McKesson solid door adapter, customer-installed			MKELASC				
Stainless steel interior (factory-installed)							
Stainless steel interior finish	7116	6199-3A	6115	6709	6711	6116	6117
5°C setpoint (factory-installed)							
Not available for blood bank or chromatography models			7508TA			7508TA	

OPTIONS & ACCESSORIES ORDERING GUIDE

Accessories for High-Performance Refrigerators and Freezers

For use with refrigerator or freezer size →	4.9 cu. ft. (133 L)	11.5 cu. ft. (326 L)	23.3 cu. ft. (659 L)	29.2 cu. ft. (826 L)	45.8 cu. ft. (1297 L)	51.1 cu. ft. (1447 L)	78.8 cu. ft. (2231 L)
Shelves	Model no.	Model no.	Model no.	Model no.	Model no.	Model no.	Model no.
Epoxy-coated, full size shelf		7125	6696	6695		6696	
Epoxy-coated, half size shelf			6698	6697		6698	
Stainless steel, full size shelf	6202-1	6695-1	6696-1				
Drawer dividers for roll-out, stainless steel drawers							
4-place divider, order one divider per drawer		7027 (4)	6206 (4)	6963 (5)			6206 (4)
3" casters (note: all models ship standard with 2")							
Set of four, 3" (76mm) casters			6041-1		6694		6041-1
Additional wire basket drawers							
For pharmacy refrigerators		WB12	WB23/50	WB30		WB23/50	
Enzyme bins							
Labels not included				6736		6736	
Thermo Scientific Lab Cooler Module							
Holds twenty-four 1.5mL tubes and eight 0.5mL tubes				6744			
Seismic restraint kits							
Basic				TFR210			
For OSHPD		TF-LRF12	TF-LRF23	TF-LRF30	TF-LRF45	TF-LRF50	TF-LRF75

ADDITIONAL ACCESSORIES



► Gibco Media

Gibco™ media, sera, supplements, cells and cell culture reagents are designed to deliver reproducibility and performance for results you can count on. Regardless of whether you are performing cell culture in a research lab or production facility, need a special or defined formulation, or are growing cell lines, primary cells, or stem cells, Gibco products offer a reliable solution.



► Clinical Containers

Made with the highest quality resins, Thermo Scientific Nalgene™ bottles are engineered to work harder with a proprietary valve seal and a strong, semi-buttress thread design. Our Nalgene bottles offer a leakproof* guarantee because we manufacture and test both components together as part of our routine quality program.



► Cold Chain Monitoring

Thermo Scientific Smart-Tracker™ offers special features for mobile temperature tracking and data sharing via the Cloud. Place Smart-Tracker inside a crate or package and use the app to check it at different location. Each time you read Smart-Tracker, the data, complete with geo-location information from your smartphone can be uploaded to the Cloud and accessed from anywhere in the world.

*Our guarantee for a leakproof seal is subject to our standard product warranty, as set forth in the Thermo Fisher Scientific Terms and Conditions of Sale. Our products are leakproof at ambient temperature and pressure when used with their corresponding closures. However, to ensure safe usage, customers are advised to test our containers and closures under conditions of their planned applications. Please contact technicalsupport@thermofisher.com if you need additional information about our products.