

Thermo Scientific Revco High Performance Laboratory Refrigerators

Featuring IntrLogic Microprocessor Control

Our selection of general purpose laboratory refrigerators offers cabinet sizes to fit a variety of space needs and storage volume requirements.



Left to right: Models REL2304, REL404 and REL5004. Shown with optional casters and temperature recorders. Optional glass doors are available. Model REL404 shown with optional finished countertop.



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

IntrLogic Microprocessor Control

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

- Adjustable temperature control, range +1°C to +8°C, factory pre-set to +4°C
- 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



REL404 undercounter refrigerator.

ORDERING INFORMATION

General Purpose Laboratory Refrigerators

Temperature Range: +1°C to +8°C, factory preset to +4°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)
REL404A REL404D REL404V REL404W	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)
REL1204A REL1204D REL1204V REL1204W	11.5 (326)	115 (60) 208/230 (60) 230 (50) 230 (50)	9.4/15 (P1) 6.0/15 (P4) 6.0/15 (P7) 6.0/15 (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)
REL2304A REL2304D REL2304V REL2304W	23.3 (659)	115 (60) 208/230 (60) 230 (50) 230 (50)	9.4/15 (P1) 6.0/15 (P4) 6.0/15 (P7) 6.0/15 (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)	405 (184)
REL3004A REL3004D REL3004V REL3004W	29.2 (826)	115 (60) 208/230 (60) 230 (50) 230 (50)	9.4/15 (P1) 6.0/15 (P4) 6.0/15 (P7) 6.0/15 (P8)	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)	435 (197)
REL4504A REL4504D REL4504V REL4504W	45.8 (1297)	115 (60) 208/230 (60) 230 (50) 230 (50)	15.0/20 (P2) 8.5/15 (P4) 8.5/15 (P7) 8.5/15 (P8)	upright	double, sliding glass	8	58.0 x 26.0 x 52.0 (1470 x 660 x 1320)	77.5 x 35.0 x 56.5 (1970 x 890 x 1440)	670 (304)
REL5004A REL5004D REL5004V REL5004W	51.1 (1447)	115 (60) 208/230 (60) 230 (50) 230 (50)	15.0/20 (P2) 8.5/15 (P4) 8.5/15 (P7) 8.5/15 (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)	585 (265)
REL7504A REL7504D REL7504V REL7504W	78.8 (2231)	115 (60) 208/230 (60) 230 (50) 230 (50)	16.0/20 (P2) 10.5/15 (P4) 10.5/15 (P7) 10.5/15 (P8)	upright	triple, solid	12	58.0 x 29.0 x 81.0 (1470 x 730 x 2050)	77.5 x 35.5 x 85.0 (1970 x 910 x 2160)	805 (365)

* 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 representatives. Product performance may be affected by ambient temperature conditions, humidity conditions, sample loading preferences, and frequency of door openings. Contact our sales representatives for specific inquiries regarding your application.

Cabinet Construction and Inventory System

- 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 airflow assures quick recovery after door openings
- Interior cabinet lights with door-activated on/off switch, plus independent switch on control panel for 11.5 cu.ft. (326 L) and larger models
- Model REL4504 features independent switch activated lights only; under-counter model REL404 does not have lights
- Self-closing doors close against closed-cell peripheral gasket
- Door locking provision on all models except REL4504
- Full-length door handle(s) on all models except sliding door model REL4504

- Interior and exterior surfaces are finished with a high-impact powder paint coating
- Epoxy-coated, open wire shelves, adjustable in 1" (25 mm) increments; no tools required
- 2" (50 mm) casters standard on model REL4504
- Adjustable leveling feet standard
- 1" (25 mm) access port standard on model REL404

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 REL404)
- Access port, 2" (50 mm) diameter, with cover
- Stainless steel interior and exterior surfaces

- 2" (50 mm) casters
- Additional shelves
- Full-view glass doors, double pane construction (standard on REL4504)
- Heated glass doors and door swing variations are available on most models
- Finished countertop for REL404

REL5004 refrigerator shown with optional casters and temperature recorder.

