

Chromatography Refrigerators

Auto Defrost, Positive Forced-Air Circulation



REVCO[®] chromatography refrigerators with IntrLogic[™] microprocessor control; left, Model REC-7504; right Model REC-5004. Casters and glass doors are standard. Shown with optional temperature recorder.



Model REC-4504 chromatography refrigerator with casters and sliding glass door, standard. Shown with optional temperature recorder.

With a temperature range of +1°C to +8°C, REVCO 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. Choose from five model sizes.

- REC series chromatography 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
- REVCO refrigerators are superior to commercial food service refrigerators, which are not recommended for life science or laboratory applications

IntrLogic Microprocessor Control



See pages 4-5

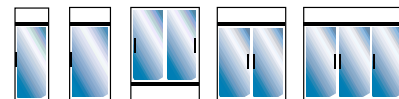
REC series refrigerators feature enhanced digital electronic technology designed to simplify operation and deliver greater accuracy.

- 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, under-temperature 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 under-temperature
- 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 are standard
- Push button alarm test verifies sensor continuity
- Battery backup assures control panel function during power failure
- Remote alarm contacts are included on all models

IntrLogic[™]



Specifications



Chromatography Refrigerators, Auto Defrost, Temperature Range +1°C to +8°C, Factory Set +4°C

Model No.	Cu.Ft. (L)	Voltage (Hz)	Amps/Breaker (Plug)	Door	Full Shelves	Half Shelves	Interior Dimensions* H x D x W inches (mm)	Exterior Dimensions* H x D x W inches (mm)	Ship Weight lb (kg)
REC-2304A REC-2304D REC-2304V	23.3 (659)	115 (60) 208/230 (60) 230 (50)	9.4/15 (P1) 6.0/15 (P4) 6.0/15 (P7)	single, glass	0	2	58.0 x 29.0 x 24.0 (1470 x 730 x 610)	79.1 x 36.2 x 28.0 (2010 x 920 x 720)	425 (193)
REC-3004A REC-3004D REC-3004V	29.2 (826)	115 (60) 208/230 (60) 230 (50)	9.4/15 (P1) 6.0/15 (P4) 6.0/15 (P7)	single, glass	0	2	58.0 x 29.0 x 30.0 (1470 x 730 x 760)	79.1 x 36.2 x 34.0 (2010 x 920 x 870)	435 (197)
REC-4504A REC-4504D REC-4504V	45.8 (1297)	115 (60) 208/230 (60) 230 (50)	15.0/20 (P2) 8.5/15 (P4) 8.5/15 (P7)	double, sliding, glass	4	2	58.0 x 26.0 x 52.5 (1470 x 660 x 1330)	79.1 x 33.0 x 56.5 (2010 x 840 x 1440)	670 (304)
REC-5004A REC-5004D REC-5004V	51.1 (1447)	115 (60) 208/230 (60) 230 (50)	15.0/20 (P2) 8.5/15 (P4) 8.5/15 (P7)	double, glass	4	2	58.0 x 29.0 x 52.5 (1470 x 730 x 1330)	79.1 x 36.2 x 56.5 (2010 x 920 x 1440)	580 (263)
REC-7504A REC-7504D REC-7504V	78.8 (2231)	115 (60) 208/230 (60) 230 (50)	16.0/20 (P2) 10.5/15 (P4) 10.5/15 (P7)	triple, glass	8	2	58.0 x 29.0 x 81.0 (1470 x 730 x 2050)	79.1 x 36.2 x 85.0 (2010 x 920 x 2160)	965 (438)

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

Cabinet Construction and Performance

- All refrigeration and control systems are top-mounted (except sliding glass door model REC-4504, base mounted)
- Door lock provision on all models
- One duplex vapor-proof interior outlet, continuous on; separate power cord provided
- Door activated light switch on all models except REC-4504
- Model REC-4504 has independent switch activated lights only
- Zinc-plated, open wire shelves, adjustable in 1" (25 mm) increments; no tools required
- Multi-pane glass door(s) with spring loaded door closures and a 90° stay-open feature (except sliding door model REC-4504)
- Positive, forced-air circulation maintains temperature uniformity at all shelf levels
- Peripheral closed-cell door gasket(s) maintain temperature integrity
- Two access ports, 2" (50 mm) diameter, with hinged covers

- Keyed door locks for security (except model REC-4504)
- 2" (50 mm) casters, 2 locking, 2 non-locking, factory installed
- Separate power cord for interior outlets on models REC-4504 and REC-7504
- High-density CFC-free urethane foam insulation protects cabinet from ambient temperature fluctuations and minimizes operating costs
- Interior and exterior surfaces are finished with a high-impact powder paint coating

Refrigeration System

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

Optional Accessories

- Voltage safeguard, free standing
- Temperature recorder, 6" (152 mm) circular chart, 7-day drive

- Additional access port, 2" (50 mm) diameter, with cover
- Stainless steel interior and exterior surfaces
- Additional shelves, full or half size
- Heated glass doors and door swing variations available on most models

Line Cord Plug Reference

Models with this code	have this plug	require this receptacle	NEMA Reference	
			Plug	Receptacle
P1			5-15P	5-15R
P2			5-20P	5-20R
P4			6-15P	6-15R
P7			European	