

# Thermo Scientific Revco Blood Bank Refrigerators

Featuring IntrLogic  
Microprocessor  
Control

Our blood bank refrigerators are designed to meet strict requirements established by the AABB, ANRC and FDA for storage of whole blood and blood components.

The complete selection of +4°C refrigerators feature simplified push-button alarm test functions and reliable, field-proven refrigeration systems.



*Upright blood bank refrigerators feature roll-out drawers and temperature recorders as standard. Model shown REB5004.*



Our REB 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 REB blood bank 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
- Alarm setpoints pre-set to warn of temperature deviation at +5.5°C overtemperature and +1.5°C undertemperature

- 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
- Extra-long alarm probe lead allows manual testing and verification
- Remote alarm contacts are included on all models



*REB404 undercounter blood bank refrigerator shown with optional finished countertop*

## Blood Bank Refrigerators

Temperature Range: +1°C to +8°C, factory preset to +4°C (auto defrost)

Model No.	Cu.Ft./L (Blood Bag Capacity)**	Voltage (Hz)	Amps/ Breaker (Plug)	Cabinet	Door	Drawers	Int. Dimensions* H x D x W inches (mm)	Ext. Dimensions* H x D x W inches (mm)	Ship Weight lb (kg)
REB404A REB404D REB404V REB404W	4.9/133 (48)	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	2	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)
REB1204A REB1204D REB1204V REB1204W	11.5/326 (120)	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, glass	5	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)	320 (145)
REB2304A REB2304D REB2304V REB2304W	23.3/659 (288)	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, glass	6	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)	470 (213)
REB3004A REB3004D REB3004V REB3004W	29.2/826 (360)	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, glass	6	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)	505 (227)
REB5004A REB5004D REB5004V REB5004W	51.1/1447 (576)	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, glass	12	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)	790 (359)

\* 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.

\*\* Nominal capacity based on 450 mL whole blood bags.

### Cabinet Construction and Inventory System

- Full-extension adjustable stainless steel drawers
- Dual-pane glass viewing door(s), insulated to prevent condensation (optional on REB404)
- High-density CFC-free urethane foam insulation protects cabinet from ambient temperature fluctuations and minimizes operating costs
- Positive, forced-air circulation to maintain temperature uniformity at all drawer levels
- Directional air flow assures quick recovery after door openings
- Interior cabinet lights with door activated on/off switch, plus independent switch on control panel (except on 4.9 cu.ft. (133 L models))
- Self-closing doors close against closed-cell peripheral gasket
- Door locking provision on all models
- 1" (25 mm) access port standard on REB404

- Adjustable leveling feet standard; optional casters are available
- All models feature a smooth, scratch resistant painted interior and exterior surface for easy cleaning

### Temperature Recorders

- Built-in 6" (152 mm), 7-day circular chart recorder standard (optional free-standing recorder on REB404)
- Provides permanent record of storage conditions

### 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
- Free-standing temperature recorder for REB404

- Access port, 2" (50 mm) diameter, with cover [standard 1" (25 mm) port for REB404]
- Stainless steel interior and exterior surfaces
- 2" (50 mm) casters
- Additional drawers, stainless steel drawer dividers
- Heated glass doors and door swing variations available on most models
- Finished countertop for REB404



Slimline REB1204 blood bank refrigerator.