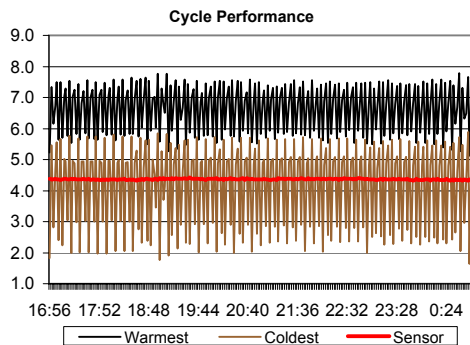
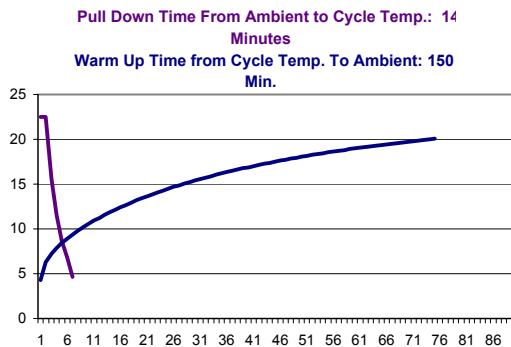


Technical Data Sheet
REVCO +4°C Chromatography Refrigerators
 Kendro Laboratory Products, Asheville, North Carolina

Specifications	Model Number
	REC5004A20
	Application, Rating and Electrical Data
Application	General (non-flammable) Laboratory Storage
Storage Volume	51.1 Cubic Feet/1447 Liters
Temperature Rating	+1°C to +8°C @ 90°F(32 °C) Ambient
Electrical Power	115 Volts / 60 Hz / 1 Phase
Rated Amps/Breaker	16.0/20.0
Power Plug/Power Cord Length	10 feet 20 Amp Cord (5-20P)
Sound Pressure Level (dBA)	N/A
Agency Listings	UL, CuL
Indoor/Outdoor Usage	Indoor Use Only
Application Environment	Non-Corrosive, Non-Flammable, Non-Explosive, Good Air Ventilation, 59° F-90° F (15-32°C)
	Refrigeration Configuration
Refrigeration System	Automatic Defrost Refrigeration System w Automatic Condensate Removal
Compressor / Number	1/2 hp Copeland® Condensing Unit / 1
Condenser Type/Number	Air-Cooled - High/Medium Temperature / 1
Expansion Device	Capillary Tube
Evaporator Type	Forced Air Coiling
Defrost Method	Microprocessor controlled off cycle every 1 hr. Programmable interval, duration and temperature settings
Refrigerant Charge	CFC- and HCFC-Free R134a
	Configurations and Features for Controller/Performance Summary
Controller Level	Eye Level
Power Switch	Keyed On-Off
Controller Type	Microprocessor-Based IntrLogic™ Control
Setpoint Security	Yes
Programmable Setpoint	Standard
Control Sensor	Stainless Steel Shielded RTD
Chart Recorder	Standard
Remote Alarm Terminals	Standard
Adjustable Warm/Cold Alarms	Standard
Power Failure Alarm	Standard
	Dimensions and Constructor
Interior Dimensions	58"H X 29" F-B X 52.5"W (147.3 cm x 73.7 cm x 133.4 cm)
Exterior Dimensions	77.5"H X 36.2"F-B X 56.5" W (196.9 cm x 90.7 cm x 143.5 cm)
Insulation	2 in. (5.1 cm) High Density HCFC-blown Polyurethane Foam
Perimeter Heater	Electric Heater(s)
Shelves / Capacity	4 Full and 2 Half Adjustable Stainless Steel Shelves; Maximum Capacity/shelf: 100 Lbs.
Interior Lighting	Single Light Fixture with Door Activated On/Off with Independent Switch on Panel
All-Direction Casters/Level Legs	Standard - (Casters - Customer Installed)
Other Cabinet Features	2" Dia. Access Port with Cover, One duplex Vapor Proof electrical receptacle - Mounted on Rear Wall
Ship Weight	640 lb./290 Kg
Other Options	Contact VWR for full description of additional chromatography accessories:

Performance Characteristics in 25°C Ambient



Ambient: 25°C
 Load: Empty (All Shelves Installed)
 Sensor weighting: None
 Avg. Temperature: 4.8°C
 Avg. Stability: 4.2°C
 Avg. Uniformity: 2.6°C
 Cycle Rate (on/off): 2 min. / 3 min.
 Duty Cycle: 40%
 Avg. energy consumption: 15.4 kW-hr/day
 Avg. heat rejection: 2,192 Btu/hr (642 Watts)

Testfile: 523457E1.xls

- 1) Performance is nominal and individual units may vary.
- 2) Refrigerator performance will differ due to product amount, product size and operating conditions.
- 3) Continuous product enhancements may, without notice, result in amendments or omissions to this specification. Kendro Laboratory Products cannot accept responsibility for damage, injury, loss or expenses resulting from misapplication of the information herein.