

**Technical Data Sheet**  
**Revco Cryogenic Freezer Models ULT7150**  
**Kendro Laboratory Products, Asheville, North Carolin:**

Specifications	Model Number			
	ULT7150-9-R21	ULT7150-9-V21	ULT7150-9-W21	ULT7150-9-M21
<b>Application, Rating and Electrical Data:</b>				
Application	Storage of General Laboratory Materials			
Storage Volume	6.8 Cubic Feet / 193 Liters			
Temperature Rating	-10°C to -40°C @ 90°F(32 °C) Ambient			
Electrical Power	200/50/3	220/50/1	240/50/1	380/50/3
Rated Amps/Breaker	15 / 20	20 / 30	20 / 30	11 / 15
Power Plug/Power Cord Length	Field Wiring Required			Euro Cord
Sound Pressure Level (dBA)	63 @ 5ft in front, 5 ft high			
Agency Listings	TUV, CE			
Indoor/Outdoor Usage	Indoor Use Only			
Application Environment	Non-Corrosive, Non-Flammable, Non-Explosive, Good Air Ventilation, 59° F- 86° F (15-30°			
<b>Refrigeration Configurator</b>				
Refrigeration System	CFC and HCFC Free Kendro Autocascade			
Compressor / Number	3.5 hp Copeland Scroll Compressor / 1			
Condenser Type/Number	Enhanced Finned-Tube / Forced-Air Cooled / 1			
Expansion Device	Capillary Tube			
Evaporator Type	Cold Wall With Enhanced Heat Transfer Treatment			
Defrost Method	Manual Defrost			
Refrigerant Charge/Flammability	CFC and HCFC Free and Environmentally Safe Refrigerant Mixture/ Flammat			
<b>Controller/Electrical System Configuration and Features</b>				
Controller Level	Friendly			
Power Switch	Keyed On-Off			
Controller Type	Microprocessor-Based IntrLogic™ Control			
Setpoint Security	Yes			
Compressor Safe Guard	Yes			
Control Sensor	Single RTD			
RS232/Remote Alarm Terminals	RS232/Remote Alarm Terminals			
Power Surge Protector	N/A	Standard	Standard	N/A
Adjustable Warm/Cold Alarms	Standard Audible			
Auto-Voltage Safeguard	N/A	12 VAC Auto-Boost	12 VAC Auto-Boost	N/A
<b>Dimensions and Construction</b>				
Interior Dimensions	26.5"H X 19" F-B" X 23.5" W(67 H cm X 48 F-B cm X 59 W cm)			
Exterior Dimensions	42.75"H X 29" F-B X 58" W(109 H cm X 74 F-B cm X 148 W cm)			
Insulation	5 in. (12.7 cm) High Density HFC-blown Polyurethane Foam (R=42)			
Perimeter Heater	Yes			
Rack Capacity	12 X Catalog 5978 or 12 X Catalog 6096			
All-Direction Casters/Level Legs	Standard			
Ship Weight	Approximately 825 lbs. / 374 Kg			
<b>Other Options</b>	Electronic Recorder	LN2 Back-Up System		
<b>Typical Performance Characteristics in 25°C Ambient</b>				
		Ambient: 77°F Load: Empty Sensor weighting: Empty Avg. stability: 3.6°C Avg. uniformity: 8.2°C Cycle rate (on/off):23 Minutes /8 Minutes Avg. energy consumption: 68.1 kW-hr/day Avg. heat rejection: 9,680 Btu/hr (2,838 W)		
1) Performance is nominal and individual units may vary. 2) Freezer 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 cannot accept responsibility for damage, injury, loss or expenses resulting from misapplication of the information herein.				