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Find the *Thermo / Revco ULT-10140* at our website: *Click HERE*

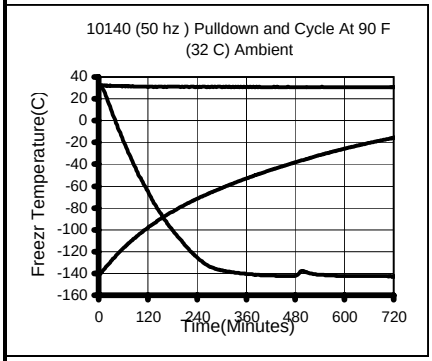
Technical Data Sheet

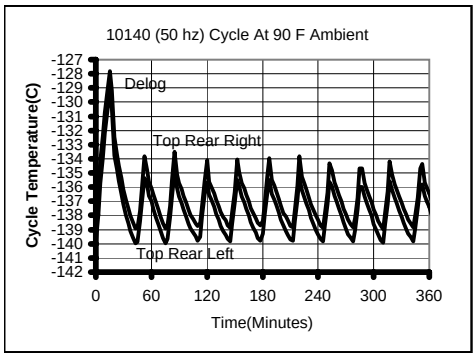
Revco Cryogenic Freezer Models ULT10140

Kendro Laboratory Products, Asheville, North Carolin

Specifications	Model Number			
	ULT10140-9-R21	ULT10140-9-V21	ULT10140-9-W21	ULT10140-9-M21
Application, Rating and Electrical Dat				
Application	Storage of General Laboratory Materials			
Storage Volume	10.3 Cubic Feet / 292 Liters			
Temperature Rating	-100°C to -140°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- 90° F (15-30°			
Refrigeration Configuratior				
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 Enviroementally Safe Refrigerant Mixture/ Flammat			
Controller/Electrical System Configuration and Features				
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
Dimensions and Constructior				
Interior Dimensions	26.5"H X 19" F-B" X 35.25" W(67 H cm X 48 F-B cm X 89 W cm)			
Exterior Dimensions	42.75"H X 29" F-B X 69" W(109 H cm X 74 F-B cm X 176 W cm)			
Insulation	5 in. (12.7 cm) High Density HFC-blown Polyurethane Foam (R=42)			
Perimeter Heater	Yes			
Rack Capacity	18 X Catalog 5978 or 18 X Catalog 6096			
All-Direction Casters/Level Legs	Standard			
Ship Weight	Approximately 1,065 lbs. / 483 Kg			
Other Options	Electronic Recorder	LN2 Back-Up System		

Typical Performance Characteristics in 32°C Ambien





Ambient: 90°F
Load: Empty
Sensor weighting: Empty
Avg. stability: 2.3°C
Avg. uniformity: 9.2°C
Cycle rate (on/off):26 Minutes /8 Minutes
Avg. energy consumption: 70.2 kW-hr/day
Avg. heat rejection: 9,980 Btu/hr (2,925 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 ommisions to this specification. Kendro cannot accept responsibility for damage, injury, loss or expenses resulting from misapplication of the information herein.

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