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Find the *Thermo / Revco ULT1786-9-D30* at our website: ***Click HERE***

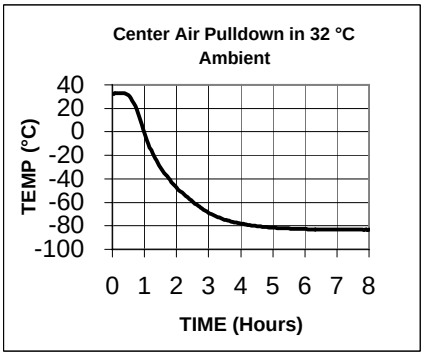
Technical Data Sheet

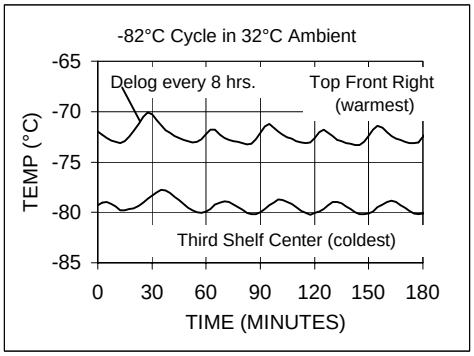
Revco Ultra-Low Freezer Models ULT1786-3,5,9-D35 with Legaci™ Refrigeration System

Kendro Laboratory Products Inc., Asheville, North Carolin

Specifications	Model Number		
	ULT1786-3-D35 (Value)	ULT1786-5-D35 (Elite)	ULT1786-9-D35 (Ultima II)
Application, Rating and Electrical Dat			
Application	Storage of General Laboratory Materials		
Storage Volume	17.2 Cubic Feet / 487 Liters		
Temperature Rating	-40°C to -86°C @ 90°F(32 °C) Ambient		
Electrical Power	208-230/60/1		
Rated Amps/Breaker	10.0/15.0		
Power Plug/Power Cord Length	NEMA 6-15P / 10 Feet (3.05 Meters)		
Sound Pressure Level (dBA)	61.2 @ 5ft in front, 5 ft high		
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°		
Refrigeration Configuratior			
Refrigeration System	Legaci™ Cascade		
Compressor / Number	1.0 hp Copeland® Compressor: Legaci™ Design for Low Temperature Application / 2		
Condenser Type/Number	Enhanced Finned-Tube / Forced-Air Cooled / 1		
Expansion Device	Capillary Tube On First and Second Stages		
Evaporator Type	Cold Wall With Enhanced Heat Transfer Treatment		
Defrost Method	Manual Defrost		
Refrigerant Charge	R134a/R404a in First Stage; R404a/R508b(Suva95) in Second Stag		
Controller/Electrical System Configuration and Features			
Controller Level	Lower		Eye Level
Power Switch	Keyed On-Off		
Controller Type	Microprocess Control	Microprocessor-Based IntrLogic™ Control	
Setpoint Security	N/A	N/A	Yes
Compressor Safe Guard	N/A	N/A	Yes
Control Sensor	Single RTD		
RS232/Remote Alarm Terminals	Remote Alarm Only	RS232/Remote Alarm Terminals	
Power Surge Protector	N/A	Standard	
Adjustable Warm/Cold Alarms	N/A	Standard Audible	
Auto-Voltage Safeguard	12 VAC Auto-Boost		
Dimensions and Constructior			
Interior Dimensions	50.5"H X 25" F-B" X 23.5" W(128.3 H cm X 63.5 F-B cm X 59.7 W cm)		
Exterior Dimensions	77.5"H X 34.25" F-B X 33.5" W(197 H cm X 87 F-B cm X 85.1 W cm)		
Insulation	5 in. (12.7 cm) High Density HFC-blown Polyurethane Foam (R=42)		
Perimeter Heater	Hot Gas Halo Line		
Shelves / Capacity	4 Stainless Steel Shelves Adjustable In 1" Increment; Maximum Capacity/Shelf: 100 Lbs.		
All-Direction Casters/Level Legs	Standard		
Ship Weight	Approximately 625 lbs. / 284 Kg		
Other Options	Electronic Recorder	Electronic Recorder and CO2 or LN2 Back-Up Systen	

Performance Characteristics in 32°C Ambien





Ambient: 32°C
Load: Empty
Sensor weighting: 1.5ml
Avg. stability: 1.5°C
Avg. uniformity: 7.5°C
Cycle rate (on/off):16 Minutes /6.0 Minutes
Avg. energy consumption: 21.0 kW-hr/day
Avg. heat rejection: 2990 Btu/hr (880 W)
Reserve capacity: 350 B/hr @25°C ambient
-80°C center air temperature
Testfiles: 1802vm09, 1802vm27, 1802wm07, 1802zm45 *Typical Performance Data

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 Laboratory Products cannot accept responsibility for damage, injury, loss or expenses resulting from misapplication of the information herein.

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