

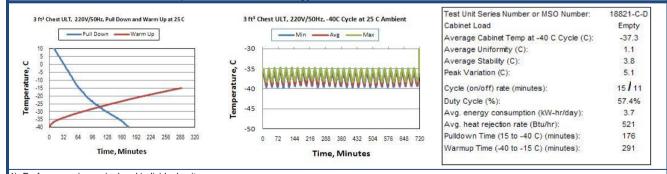
Technical Data Sheet

Revco Ultra-Low Temperature Chest Freezer

MODEL RELEASE - 20

Thermo Fisher Scientific, Asheville, North Carolina

	Model Number
Specifications	ULT350-10-V
	Application, Rating and Electrical Data
Application	Storage of General (non-flammable) Laboratory Materials
Storage Volume	84.9 Liters/3.0 Cubic Feet
Temperature Rating	-10°C to -40°C
Electrical Power	230V 50 Hz, 1 Phase
Instrument Rated Current	3 AMP
Building Supply Rating	8.0A dedicated grounded circuit. Protected by circuit breaker rated for inductive loads
Power Plug/Power Cord Length	Country Dependant plug / IEC Cords, 3.048 Meters (10 Feet)
Agency Listings	CE, FDA
Indoor/Outdoor Usage	Indoor Use Only
Application Environment	Non-Corrosive, Non-Flammable, Non-Explosive, Good Air Ventilation, 15° C - 32° C (59° F - 90° F)
	Refrigeration Configuration
Refrigeration System	Industrial-Rated one-stage System
Compressor / Number	Hermetic Compressor for Low Temperature Application / 1
Compressor Capacity*	730 W
Condenser Type/Number	Enhanced Finned-Tube and Forced-Air Cooled / 1
Expansion Device	Capillary Tube
Evaporator Type	Cold Wall With Enhanced Heat Transfer Treatment
Defrost Method	Manual Defrost
Refrigerant Charge/Flammability	R404A / Non-Flammable
	Controller/Electrical System Configuration and Features
Controller Level	Bottom
Power Switch	On-Off with Circuit Breaker
Controller Type	Microprocess Control
Setpoint Security	YES
Compressor Safe Guard	High Pressure Cutout Switch/High Temp Cutout Switch/Current protection/Logic protection
Control Sensor	Single RTD (1000 ohm Platinum RTD)
Remote Alarm Terminals	RS485, 4-20mA, Dry Contacts
Adjustable Warm/Cold Alarms	Fully Adjustable
Auto-Voltage Safeguard	Buck/Boost System
	Dimensions and Construction
Interior Dimensions (H x D x W)	419 H x 470 D x 470 W mm (16.5 H x 18.5 D x 18.5 W in.)
Exterior Dimensions (H x D x W)	1110 H x 760 D x 724 W mm (43.7 H x 29.9 D x 28.5 W in.)
Shipping Dimensions	1252 H x 965 D x 953 W mm (49.3 H x 38 D x 37.5 W in)
Shipping Dimensions Insulation	1252 H x 965 D x 953 W mm (49.3 H x 38 D x 37.5 W in) High Density Polyurethane Foam, R-30 (ft2.°F.hr/Btu)
Insulation	High Density Polyurethane Foam, R-30 (ft2.°F.hr/Btu)
Insulation Door Seal	High Density Polyurethane Foam, R-30 (ft2·°F·hr/Btu) Silicone-Based High Performance Seal Gasket
Insulation Door Seal Shelves / Capacity	High Density Polyurethane Foam, R-30 (ft2.ºF.hr/Btu) Silicone-Based High Performance Seal Gasket N/A Standard with Locks
Insulation Door Seal Shelves / Capacity All-Direction Casters	High Density Polyurethane Foam, R-30 (ft2.ºF.hr/Btu) Silicone-Based High Performance Seal Gasket N/A



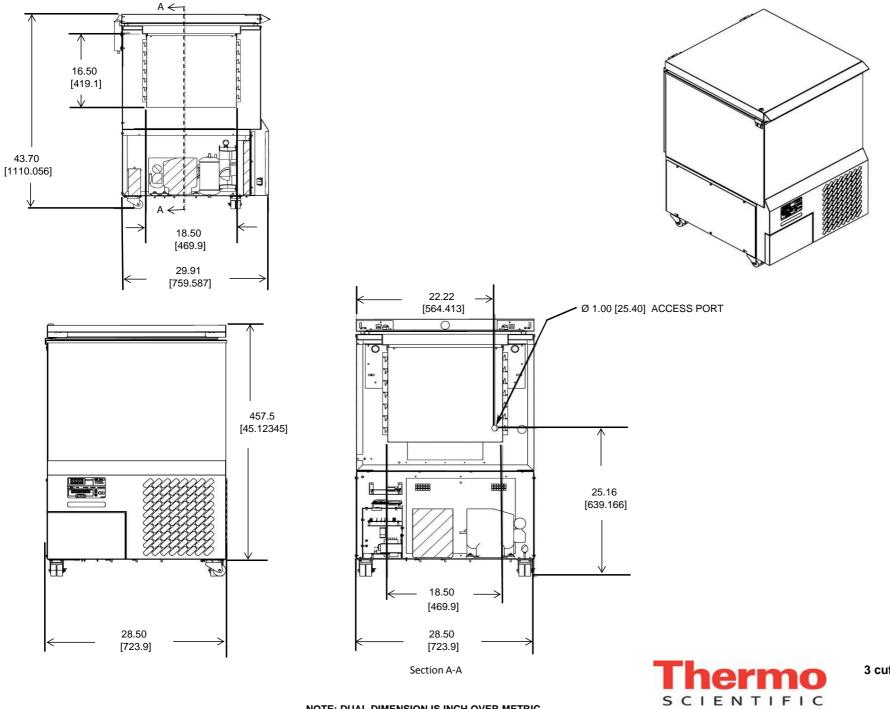
1) Performance is nominal and individual units may vary.

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

* Manufacturer measured compressor capacity taken at standard -23°C/49°C (Evap/Cond) condition.

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3 cuft Chest Freezer

NOTE: DUAL DIMENSION IS INCH OVER METRIC

DO NOT USE FOR ENGINEERING PURPOSES. SUBJECT TO CHANGE WITHOUT NOTICE.