



## Technical Data Sheet

### Thermo Scientific 5.5 Cuft General Purpose ADA Refrigerator

Revision-0

Thermo Fisher Scientific, Asheville, North Carolina

Specifications	Catalog Number	
	05LRAETSA	
	Production Model Number	
	05LRAETSA	
	Application, Rating And Electrical Data	
Application	5.5 Cuft General Purpose ADA Refrigerator	
Storage Volume	5.5 Cubic Feet / 155.7 Liters	
Temperature Rating	1° to 12°C	
Instrument Rated Current	1.0 Amps	
Building Supply Rating	Breaker 15 Amps/115v± 10% Volt While Operating	
Power Plug/Power Cord Length	Yes/ Three prong NEMA 5-15P, 1.828 Meters (6 Feet)	
Indoor/Outdoor Usage	Indoor Use Only	
Application Environment	Non-Corrosive, Non-Flammable, Non-Explosive, Good Air Ventilation	
Ambient Operating Temperature	15° C - 32° C (60° F - 90° F)	
	Refrigeration Configuration	
Refrigeration System	Vapor Compression Refrigeration System	
Compressor / Number	Hermetic Compressor/1	
Condenser Type/Number	Foamed in condenser	
Expansion Device	Capillary Tube	
Evaporator Type	Foamed in Evaporator	
Defrost Method	Manual Defrost	
Refrigerant Charge/Flammability	R134A	
	Controller/Electrical System Configuration And Features	
Controller Level	Knee Level	
Power Switch	Not Present	
Controller Type	Mechanical Dial Thermostat	
Setpoint Security / Programmable	No/ Yes	
Compressor Safe Guard	High Temp Cutout Switch / Overload Protector	
Control Sensor	Capillary tube	
Remote Alarm Terminals	Not Present	
Power Failure Alarm	Not Present	
Data Logger / Chart Recorder	Not Present	
	Dimensions And Construction	
Interior Dimensions (H x W x D)	26.25 x 21 x 17.5 inch (66.6 x 53.3 x 44.5 cm)	
Exterior Dimensions (H x W x D)	32 x 23.63 x 23.5 inch (81.3 x 60 x 59.7 cm)	
Insulation	Polyurethane Foam	
Door Perimeter heater	Not Present	
Shelves / Capacity	3 Adjustable Shelves, Storage On Bottom Of Unit	
All-Direction Casters	No Casters, 4 Leveling Legs	
Ship Weight	102lbs / 46.2kg	
Access Port / Dia	Not Present	
	Typical Performance Characteristics	
		Test Unit Series Number or MSO Number: 19248-BA-T6-1  Cabinet Load: Unloaded Average Cabinet Temp at 4C Cycle (C): 3.9 Peak Variation: 6.6 Uniformity (C): 3.1 Stability (C): 2.7 1-min Door Opening Recovery (min): 36 Duty Cycle at 4C (%): 18 Cycle (on/off) rate at 4C (min): 7 / 34 Energy Consumption (kw-hr/day): 0.5 Heat Rejection Rate (btu/hr): 69 Pull Down Time (to 4C) (min): 32 Warm Up Time (min): 258
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. Thermo Scientific cannot accept responsibility for damage, injury, loss or expenses resulting from misapplication of the information herein.		

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