



## Technical Data Sheet

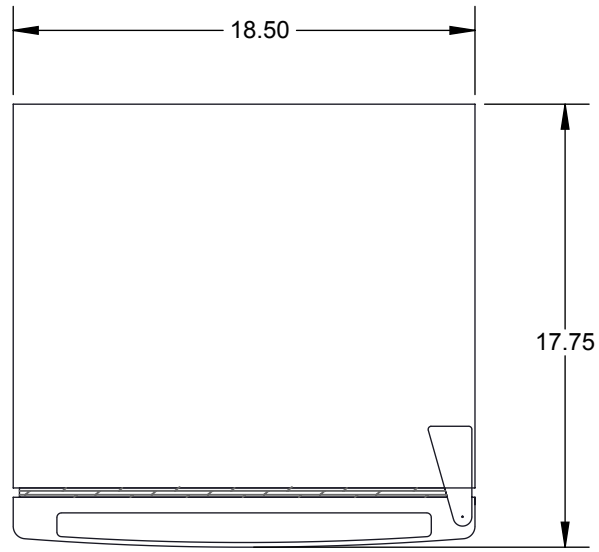
### Thermo Scientific 1.8 Cuft General Purpose Freezer

Revision-2

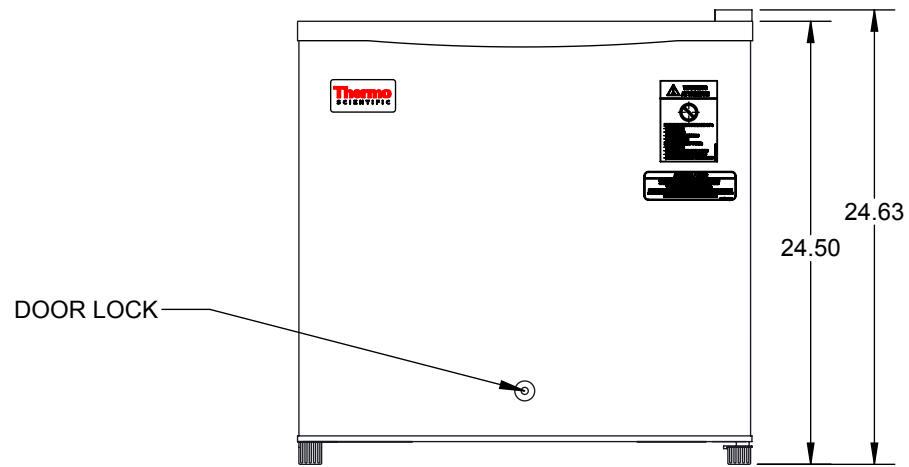
Thermo Fisher Scientific, Asheville, North Carolina

Specifications	Catalog Number	
	02LFEETSA	
	Production Model Number	
	02LFEETSA	
	Application, Rating And Electrical Data	
Application	1.8 Cuft General Purpose Freezer	
Storage Volume	1.8 Cuft / 51 Liters	
Temperature Rating	-12°C to -24°C	
Instrument Rated Current	0.8 Amps	
Building Supply Rating	Breaker 15 Amps /115v ± 10% Volt While Operating	
Power Plug/Power Cord Length	Yes / Three prong NEMA 5-15P, 1.823 Meters (6 Feet)	
Agency Listings	cULus	
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	Vapour Compression 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	R600A	
	Controller/Electrical System Configuration And Features	
Controller Level	On The Inside Back Wall	
Power Switch	Not Present	
Controller Type	Mechanical 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)	18.63" X 13.38" X 13" (47.32 X 33.99 X 33.02 cm)	
Exterior Dimensions (H x W x D)	24.5" X 18.5" X 17.75" (62.23 X 46.99 X 45.09 cm)	
Insulation	Cyclopentane Foam	
Door Perimeter heater	Not Present	
Shelves / Capacity	(2) Wire Shelves	
All-Direction Casters	2 Adjustable Feet In Front, 2 Fixed Pads In Rear	
Ship Weight	43lbs / 19.5kg	
Access Port / Dia	Not Present	
	Typical Performance Characteristics	
	Test Unit Series Number or MSO Number: 19550-BA-T3 Cabinet Load: Unloaded Average Cabinet Temp at -20C Cycle (C): -20 Peak Variation from Setpoint (C): +2.1 / -2.9 Uniformity (C): 1.2 Stability (C): 3.6 1-min Door Opening Recovery to -20C (min): 6 Duty Cycle at -20C (%): 33 Cycle (on/off) rate at -20C (min): 5/11 Energy Consumption (kw-hr/day): 0.9 Heat Rejection Rate (btu/hr): 122 Pull Down Time (to -20C) (min): 46 Warm Up Time (-20C to 0C) (min): 92	
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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TOP VIEW



FRONT VIEW

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1.8 Cu.Ft. GENERAL PURPOSE FREEZER