



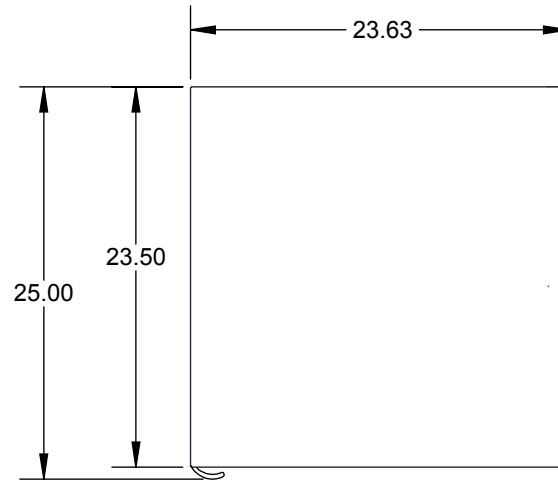
Technical Data Sheet

ThermoScientific 3.5 Cuft General Purpose Freezer

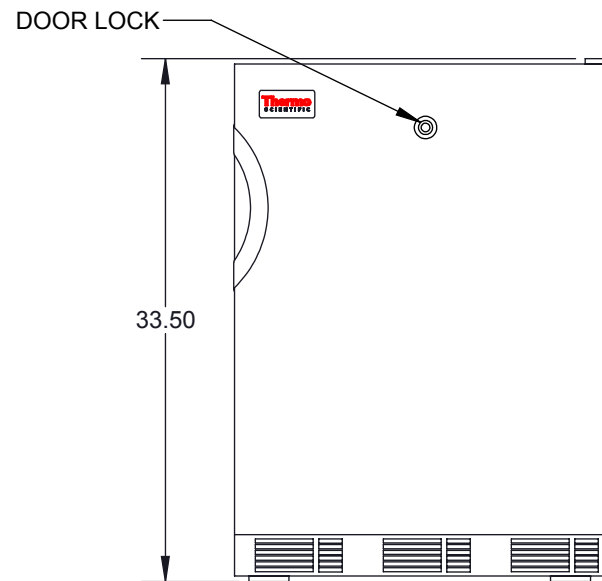
Revision-1

Specifications	Catalog Number	
	04LFEETSA	
Production Model Number	04LFEETSA	
Application, Rating And Electrical Data		
Application	3.5 Cuft General Purpose Freezer	
Storage Volume	3.5 Cuft / 99.1 Liters	
Temperature Rating	-12°C to -25°C	
Instrument Rated Current	1.3A	
Building Supply Rating	115VAC ±10% Of Normal Rated Line	
Power Plug/Power Cord Length	Three prong NEMA 5-15P, 1.828 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	Air Cooled Condenser With Natural Convection	
Expansion Device	Capillary Tube	
Evaporator Type	Foamed Evaporator	
Defrost Method	Manual Defrost	
Refrigerant Charge/Flammability	R134A	
Controller/Electrical System Configuration And Features		
Controller Level	Below Eye Level	
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)	24.25" X 17.75" X 16.5" (61.6 X 45.09 X 41.9 cm)	
Exterior Dimensions (H x W x D)	33.5" X 23.63" X 23.5" (85.1 X 60 X 61 cm)	
Insulation	Polyurethane Foam	
Door Perimeter heater	Not Present	
Shelves / Capacity	(3) Drawers	
All-Direction Casters	(2) Adjustable Feet In Front, (2) Fixed Pads In Rear	
Ship Weight	120lbs / 54.5kg	
Access Port / Dia	Not Present	
Typical Performance Characteristics		
<p>3.5 cuft Upright Freezer, Pull Down and Warm Up</p>	<p>3.5 cuft Upright Freezer at -20C Cycle</p>	<p>Test Unit Series Number or MSO Number: 19454-PC-T2</p> <p>Cabinet Load: Unloaded</p> <p>Average Cabinet Temp at -20C Cycle (C): -21</p> <p>Peak Variation from Setpoint (C): +1.6 / -4.1</p> <p>Uniformity (C): 1.4</p> <p>Stability (C): 4.4</p> <p>1-min Door Opening Recovery to -20C (min): 4</p> <p>Duty Cycle at -20C (%): 29</p> <p>Cycle (on/off) rate at -20C (min): 4 / 9</p> <p>Energy Consumption (kw-hr/day): 0.6</p> <p>Heat Rejection Rate (btu/hr): 86</p> <p>Pull Down Time (to -20C) (min): 39</p> <p>Warm Up Time (-20C to 0C) (min): 162</p>
<p>1) Performance is nominal and individual units may vary.</p> <p>2) Freezer performance will differ due to product amount, product size and operating conditions.</p> <p>3) Continuous product enhancements may, without notice, result in amendments or omissions to this specification. ThermoScientific cannot accept responsibility for damage, injury, loss or expenses resulting from misapplication of the information herein.</p>		

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TOP VIEW



DOOR LOCK

FRONT VIEW

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3.5 Cu.Ft. GENERAL PURPOSE FREEZER