



Technical Data Sheet

High Performance Laboratory Purpose Refrigerator

Revision-11

Thermo Fisher Scientific, Asheville, North Carolina

Model Number																											
FRGG404A(With 5C setpoint option - 7508TA)																											
Application, Rating and Electrical Data																											
Application	Laboratory Purpose (non-flammable) Refrigerator																										
Storage Volume	133 Liters/4.9 Cubic Feet																										
Temperature Rating	1°C to 8°C																										
Electrical Power	115V 60 Hz 1 Phase																										
Instrument Rated Current	8.0 FLA																										
Building Supply Rating	Breaker 15 Amps/115v±10 Volt while operating																										
Power Plug/Power Cord Length	3.048 Meters (10 feet) 20 Amp Cord (5-20P)																										
Agency Listings	UL																										
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 system																										
Compressor / Number	1/6 HP Hermetic Compressor / 1																										
Condenser Type/Number	Enhanced Finned-Tube and Forced-Air Cooled / 1																										
Expansion Device	Capillary Tube																										
Evaporator Type	Forced Air Evaporator Coil																										
Defrost Method	Automatic Defrost																										
Refrigerant Charge/Flammability	Environmentally Safe R134a																										
Controller/Electrical System Configuration and Features																											
Controller Level	Ground Level																										
Power Switch	Keyed Off-On - Alarm																										
Controller Type	IntrLogic Control System: Digital display, Graphic thermometer, Automatic defrost system																										
Setpoint Security / Programmable	Standard / Standard																										
Compressor Safe Guard	High Pressure Cutout Switch/High Temp Cutout Switch/Current protection																										
Control Sensor	Stainless Steel Shielded RTD																										
Remote Alarm Terminals	Standard																										
Power Failure Alarm	Standard																										
Standard Electronic chart Recorder	Optional																										
Dimensions and Construction																											
Interior Dimensions (H x D x W)	50.8 H X 52.1 F-B X 50.8 W cm (20.0 H X 20.5 F-B X 20.0 W in.)																										
Exterior Dimensions (H x D x W)	85.0 H X 66.0 F-B X 61.0 W cm (33.4 H X 26.0 F-B X 24.0 W in.)																										
Insulation	5.08 cm (2.0") High Density HFC-blown Polyurethane Foam in cabinet																										
Door Perimeter heater	Yes																										
Shelves / Capacity	(3) Adjustable Wire Shelves / Max. Cap. per Shelf: 45 kg (100 lbs.)																										
All-Direction Casters	Yes																										
Ship Weight	100 kg / 220 lb.																										
Access Port / Dia	Yes / 1" diameter																										
Typical Performance Characteristics																											
<div style="display: flex; justify-content: space-around;"> <div style="width: 45%;"> <p>4 cuft Upright Refrigerator, Pull Down and Warm Up</p> </div> <div style="width: 45%;"> <p>4 cuft Upright Refrigerator at 5C Cycle</p> </div> </div>																											
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<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. Thermo Scientific cannot accept responsibility for damage, injury, loss or expenses resulting from misapplication of the information herein.</p>																											

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