



Technical Data Sheet
Thermo Scientific Explosion Proof Refrigerator
 Unit Revision # A - 4/9/2015
 Thermo Fisher Scientific, Asheville North Carolina



Model	05EREETSA
Brand	Thermo Scientific
Type	Explosion Proof Refrigerator
Product	ThermoSci 5.5cf EP REF 115V/60Hz

Specifications	Application and Features
Application	Cold Storage Of Materials In Class I, Division I Group C and D, Class I Zone 1 Group IIB Environments
Storage Volume	5.5 Cubic Feet / 155.7 Liters
Temperature Rating	1° to 12°C
Agency Listings	UL listed meets NFPA 45 and 70
Lifetime of Product	10 Years
Warranty	13 Months Parts and Labor
Additional Features	None
Dimensions and Construction	
Number of Doors	1(1 compartment)
Type of Door	Hinged, Opens Left to Right, Reversible
Door Lock	Yes
Interior Light	No
Interior Material	ABS Plastic
Exterior Material	Enameled Steel
Color	White
Casters / Leveling Feet	2 Adjustable Feet In Front, 2 Fixed Pads In Rear
Interior Dimensions (H x W x D)	27.75" x 20" x 17.5" (70.5 x 50.8 x 44.5 cm)
Exterior Dimensions (H x W x D)	33.5" x 23.63" x 28.1" (85.1 x 64.8 x 71.37 cm)
Packaged Dimensions (H x W x D)	36.5" x 27" x 34" (92.7 x 68.6 x 86.4 cm)
Interior Storage Configuration	3 Adjustable Shelves, Storage On Bottom Of Unit
Shelf Area (D x W)	13" x 19.5" (33 x 49.5 cm)
Unpacked Weight	100lbs / 45.3kg
Shipping Weight	120lbs / 54.5kg
Refrigeration Configuration	
Compartment Type	Refrigerator
Refrigerant	R134A, CFC Free
Insulation	Polyurethane Foam
Cooling Method / Defrost	Manual Defrost
Controller Type / Controller Location	Mechanical / Outside Rear Upper
Compressor Mounting	Bottom Mounted
Compressor Specifications	
Electrical System Configuration and Installation Features	
Electrical Power	115 V / 60 Hz
Rated Current / Wattage	1.0 Amps / 160 Watts
Power Plug/Power Cord Length	Not Provided
Minimum Air Clearance Required	4" On Sides, 3" At Back, 4" On Top

- 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.