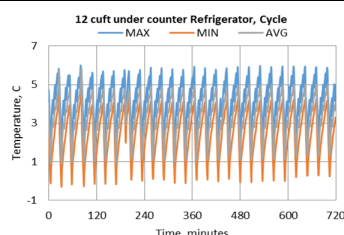
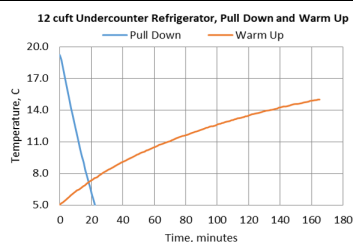




Specifications	Catalog number
	FBE1205GA
	Model Number
	FBE1205GA
Application, Rating and Electrical Data	
Application	General Purpose Laboratory Grade Refrigerator
Storage Volume / Gross Volume	9.37cu.ft (265.5Liters) / 12.1 cu.ft (343 Liters)
Set Point Range/Adjustable in Increments of	+1°C to +12°C / 0.1 (33.8°F to 53.6°F)
Factory setpoint	+5°C
Storage Temperature	+1°C to +10°C (35.6°F to 46.4°F)
Electrical Power	115 V / 60 Hz, 1ph
Instrument Rated Current	1.2A
Building Supply Rating	115 VAC/60Hz ± 10% of Normal Rated Line volt while operating
Agency Listings	cETLus
Power Plug/Power Cord Length	UL-60320-C13 American type plug / 3 Meters (9.84 Feet)
Indoor / Outdoor Usage	Indoor Use Only
Application Environment	Non-Corrosive, Non-Flammable, Non-Explosive, Good Air Ventilation
Ambient Operating Temperature	16° C - 32° C (60.8° F - 90° F)
Refrigeration Configuration	
Refrigeration System	Vapour Compression System
Compressor / Number	Hermetic Compressor / 1
Condenser Type / Number	Wire and Tube type
Expansion Device	Capillary Tube
Evaporator Type	Forced cooled Evaporator
Defrost Method	Compressor OFF cycle defrost, including condensate water vaporisation
Refrigerant Charge / Flammability	R600a, 53g / Flammable
Controller / Electrical System Configuration And Features	
Power Switch	NO
Controller Type	Copeland digital controller
Setpoint Security / Programmable	Yes (adjustable)
Control Sensor	(1) NTC Probe
LED lamp	Yes / LED / Vertical Cabinet LT front side of inner cabinet / 10W
Alarms	Warm temp, Cold temp and Door Open (Audible and Visual alarms)
Door Switch	Yes
Power Failure Alarm	Not Present
Data Logger / Chart Recorder	Not present
Dimensions And Construction	
Interior Dimensions (H x W x D)	1595 mm x 490 mm x 509 mm (62.79" x 19.29" x 20.03")
Exterior Dimensions (H x W x D)	1900 mm x 595 mm x 682 mm (74.80" x 23.42" x 27.12")
Insulation	HFC-free Polyurethane Foam
Door Perimeter heater	Not Present
Key Lock	Yes
Shelves / Capacity	(5) Adjustable Shelves,(1 shorter shelf,485x299mm) / Max. 40kg (88 lbs) per shelf
Leveling Legs	(4) Castors, front 2 lock with brakes
Ship Weight / Net Weight	105 kg (231 lbs) /90kg (198 lbs)
Access Port / Dia	Yes, at the bottom-rear side/ 23.5mm
Typical Performance Characteristics	



Test Unit Series Number or MSO Number:	IEC-TCO-01628
Setpoint:	+ 5°C
Cabinet Load:	Unloaded
Average Cabinet Temp at 20C ambient at default setting (C):	3.4
Average Uniformity (C):	1.8
1-min Door Opening Recovery time (min):	4.0
Energy Consumption (kw-hr/day):	0.6*
Pull Down Time 20C to 5C (min):	29
Sound (dBA):	45

- 1) Data is representative of performance and not published product specifications. Technical data sheet test results should not be referenced in developing any regulatory parameters for specific customer usage.
- 2) Refrigerator performance will vary based on customer product volume, storage format, operating conditions, test methodology and performing recommended maintenance.
- 3) Continuous product enhancements may, without notice, result in amendments or omissions to this technical data sheet. Thermo Scientific cannot accept responsibility for damage, injury, loss or expenses resulting from misapplication of the information herein.
- 4) *Energy consumption is based on tests conducted internally at optimal conditions and this value does not reflect / is not representative of the Energy Star value reported on the EPA site.

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