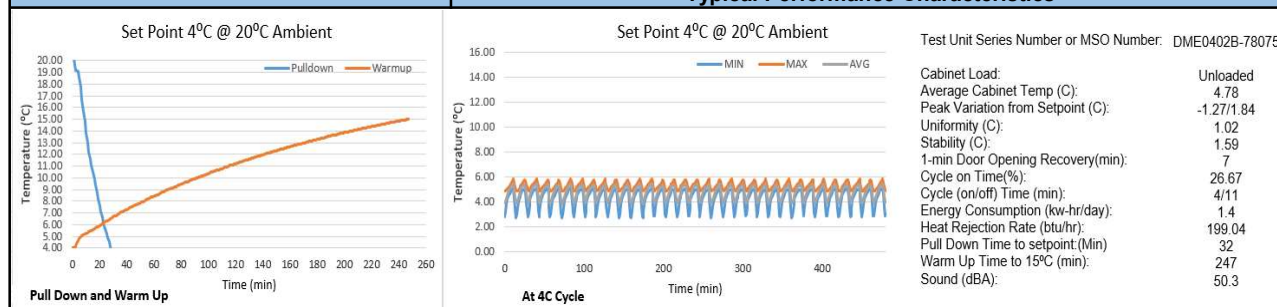


Specifications	Model Number
	TSB400REGBV
	Application, Rating and Electrical Data
Application	Storage of Blood Bags
Storage Volume	347Liters /12.2 Cubic Feet
Factory Set Point	+4 °C
Set Point / Increment	+4 °C (User Not allowed to change)
Electrical Power / Rated Current	230V 50 Hz 1 Phase / 1.6A
Building Supply Rating	16A 250V
Power Plug/Power Cord Length	16 Amp 250V / 3 Meters (10 feet)
Agency Listings	CE0051
Standards and directives	2006/42/EC, 2014/30/EU, 2014/35/EU, 2011/65/UE, 2015/863/EU & 2012/19/EU
Electromagnetic Compatibility	Emissions (Class A), Immunity (Industrial Environment)
Indoor/Outdoor Usage	Indoor Use Only
Application Environment	Non-Corrosive, Non-Flammable, Non-Explosive, Good Air Ventilation
Ambient Operating Temperature	15° C to 32° C (59° F to 90° F)
Refrigeration Configuration	
Refrigeration System	Vapor compression system
Compressor / Number / Capacity	Single speed / 1 / 616W
Condenser Type/Number	Forced-Air Cooled Finned-Tube Coil Heat Exchanger / 1
Expansion Device	Capillary Tube
Evaporator Type / Defrost Method	Forced Air Finned-Tube Coil Heat Exchanger / Automatic Defrost
Refrigerant Charge / Flammability	R290,120gms,GWP:3 ODP:0 / Flammable
Controller/Electrical System Configuration and Features	
Controller Level	Eye Level
Power Switch	On the Controller Main Screen
Controller Type	7" TFT LCD Touch Screen: Digital display, Automatic defrost system
Setpoint Security / Programmable	Yes / Yes
Compressor Safe Guard	Overload Protection (OLP)
Control Sensor	PT100 probe (free contacts)
Connectivity / Remote OutputsTerminals	Dry Contact (NO and NC)
Adjustable Warm / Cold Alarms	Fully Adjustable
Power Failure Alarm	Acoustic and Visual
Electronic Chart Recorder	Not Provided
Dimensions and Construction	
Interior Dimensions (H x D x W)	1405 mm x 493 mm x500 mm (55.3" x 19.4" x 19.7")
Exterior Dimensions (H x D x W)	1955 mm x 655 mm x600 mm (77" x 25.8" x 23.6")
Insulation	70 mm (2.75") Back & 50mm(1.96") Sides Polyurethane Foam
Door Perimeter heater	No
Shelves / Load Limit	6 extractible aluminum drawers / 30kg (66 lbs) per Shelf
Casters	2 Lockable Castors at the front & 2 Fixed Castors at the rear
Non-Crated Shipping Weight	150 kg / 330.7 lbs



- 1)Performance is nominal and individual units may vary.  
 2)Product 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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Typical Cabinet Temperature Map  
Refrigerator 12cuft , 6 Drawers, Single Outer Door

Temperatures are averages during > 20  
cycles after reaching a setpoint of 4C

Top View of Shelves

M3	M4
M1	M2
M5	

REAR

FRONT

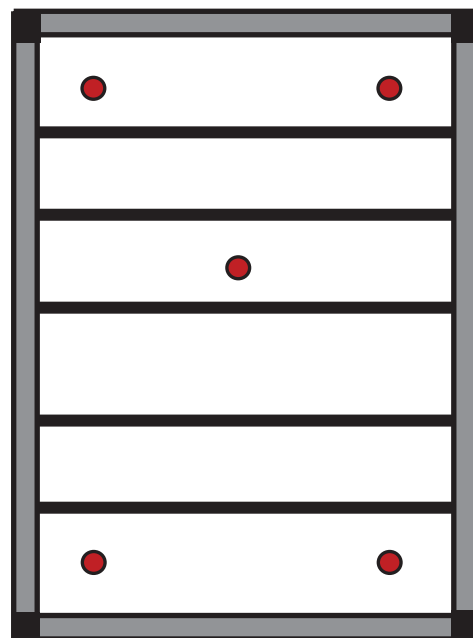


M15
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M28	M29
M26	M27

FRONT VIEW



	M1	M2	M3	M4	M15
Avg	5.3	4.8	5.1	4.5	4.6
Max	5.8	5.6	5.8	5.5	5.2
Min	4.9	4.1	4.3	2.7	3.5
	M26	M27	M28	M29	
Avg	4.9	4.6	4.7	4.5	
Max	5.3	5	5.3	5.3	
Min	4.5	4	3.7	2.9	

ONLY CABINET SHOWN FOR CLARITY IN TOP VIEW,  
TO ILLUSTRATE INTERIOR DIMENSIONS

