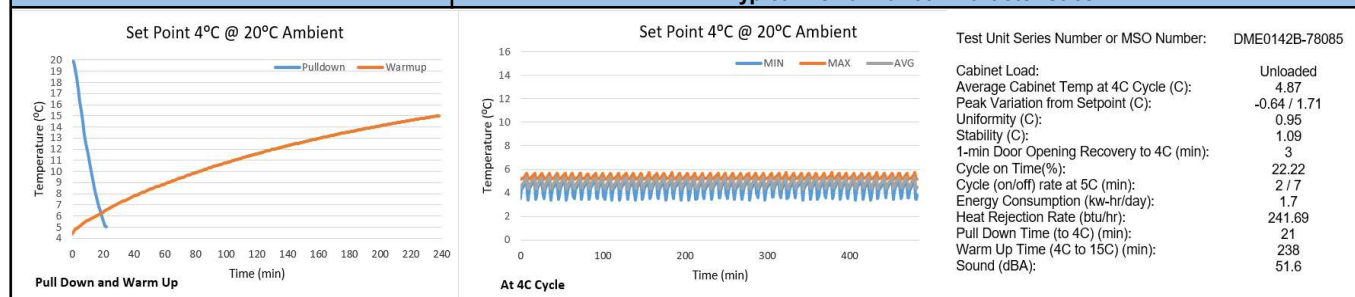


Specifications	Model Number
	TSB140REGBV
	Application, Rating and Electrical Data
Application	Storage of Blood Bags
Storage Volume	153Liters /5.4 Cubic Feet
Factory Set Point	+4 °C
Set Point Range/Adjustable Increment	+4 °C (User Not allowed to change)
Electrical Power / Rated Current	230V 50 Hz 1 Phase / 1.6A
Building Supply Rating	16A 250V
Power Plug/Power Cord Length	16 Amp 250V / 2 Meters (6.5 feet)
Agency Listings	CE0051
Standards and directives	93/42/CEE, 2014/30/UE, 2014/35/UE, 2014/53/UE (only if wireless option), 2011/65/UE
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
	Vapor compression system
	Single speed / 1 / 397W
Compressor / Number / Capacity	Forced-Air Cooled Finned-Tube Coil Heat Exchanger / 1
Condenser Type/Number	Capillary Tube
Expansion Device	Forced Air Finned-Tube Coil Heat Exchanger / Automatic Defrost
Evaporator Type / Defrost Method	R290,50gms,GWP:3 ODP:0 / Flammable
Refrigerant Charge / Flammability	Controller/Electrical System Configuration and Features
	Ground Level
Controller Level	On the Controller Main Screen
Power Switch	7" TFT LCD Touch Screen: Digital display, Automatic defrost system
Controller Type	Yes / Yes
Setpoint Security / Programmable	Overload Protection (OLP)
Compressor Safe Guard	PT100 probe (free contacts)
Control Sensor	Dry Contact (NO and NC)
Connectivity / Remote OutputsTerminals	Fully Adjustable
Adjustable Warm / Cold Alarms	Acoustic and Visual
Power Failure Alarm	Not Provided
Electronic Chart Recorder	Dimensions and Construction
	Interior Dimensions (H x D x W) 560 mm x 516 mm x 440 mm (22" x 20.3" x 17.3")
Interior Dimensions (H x D x W)	Exterior Dimensions (H x D x W) 1000 mm x 635 mm x 520 mm (39.4" x 25" x 20.5")
Exterior Dimensions (H x D x W)	Insulation 40 mm (1.57") Polyurethane Foam
Insulation	Door Perimeter heater No
Door Perimeter heater	Drawers / Load Limit 3 extractable aluminum drawers / 30kg (66 lbs) per Drawer
Drawers / Load Limit	2 Lockable Castors at the front
Casters	2 Fixed Castors at the rear
Shipping Weight	85 kg / 187.4 lbs

Typical Performance Characteristics

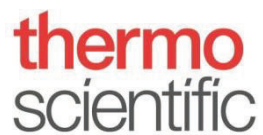


1)Performance is nominal and individual units may vary.

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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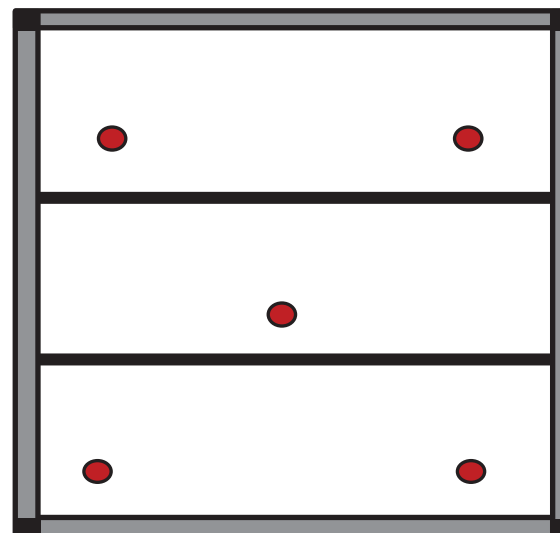
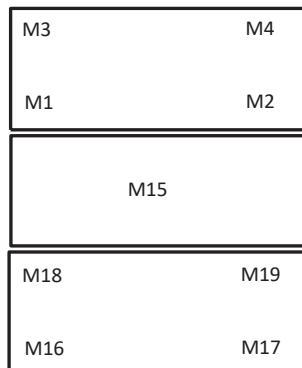
Typical Cabinet Temperature Map
Refrigerator 5cuft , 3 Drawers, Single Outer Door

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

Top View of Shelves

REAR

FRONT



Cabinet Average: 4.8 C
Peak Variation: +1.7 C / -0.7 C

	M1	M2	M3	M4	M15	M16	M17	M18	M19
Avg	4.7	4.8	5.3	4.8	4.4	5.1	4.7	5.3	4.7
Max	5.5	5.4	5.7	5.5	5.1	5.4	5.1	5.4	5
Min	3.5	4	4.9	4	3.4	4.6	4.2	5.2	4.4

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

