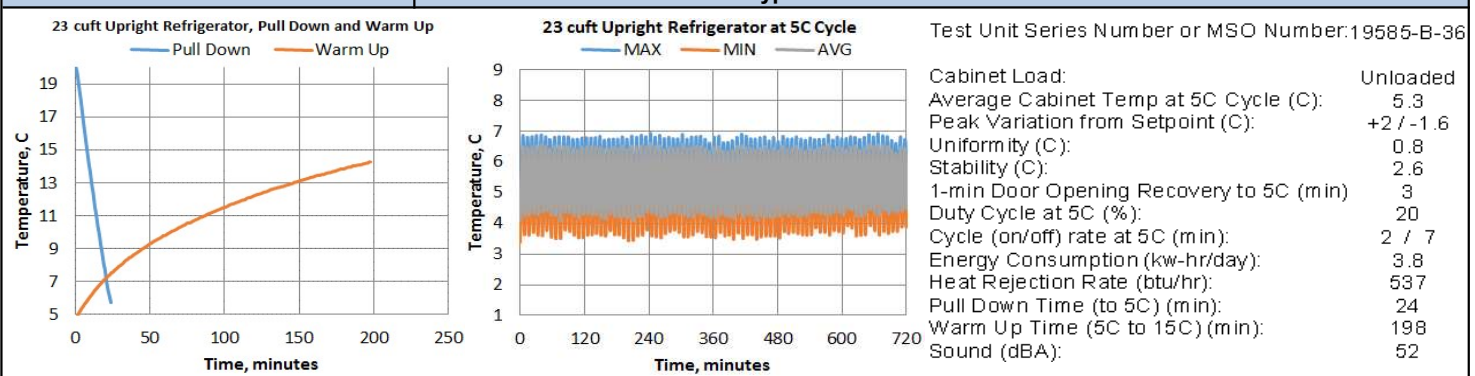
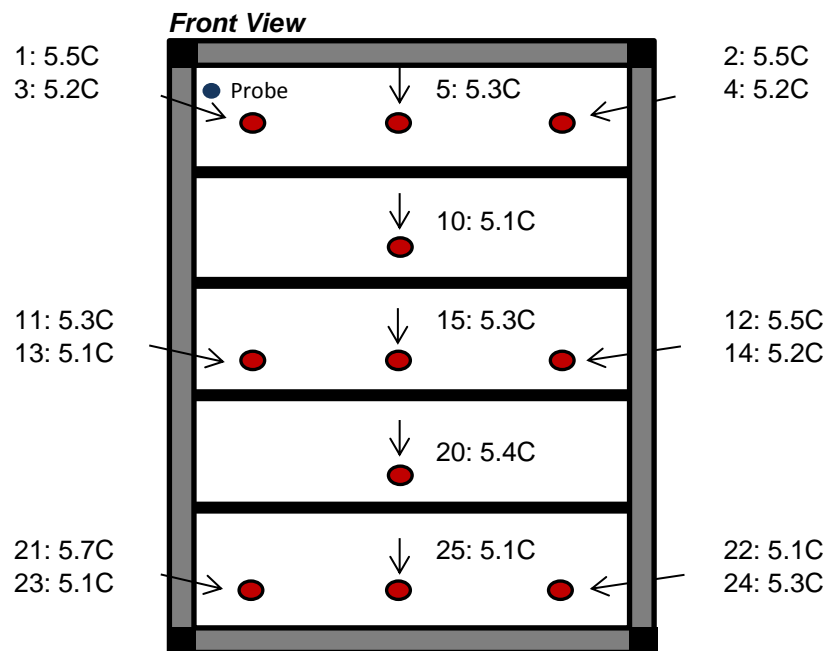
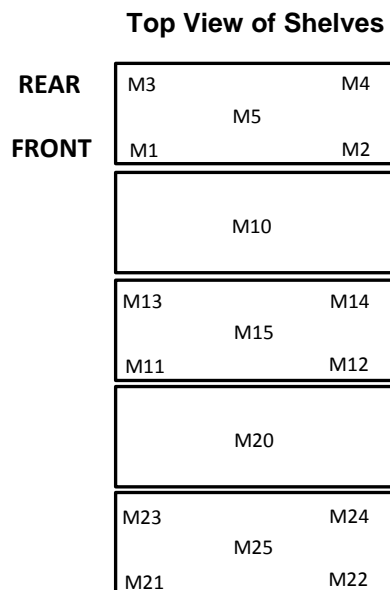


<b>Specifications</b>	<b>Catalog number</b>	TSX2305CV
	<b>Model Number</b>	TSX2305CV - Chroma +5
	<b>Application, Rating and Electrical Data</b>	
	Application	Chromatography (non-flammable) Refrigerator
Storage Volume	650 Liters / 23.0 Cubic Feet	
Factory Set Point	5°C	
Set Point Range / Adjustable Increment	3°C to 7°C / 0.1°C	
Electrical Power / Rated Current	208-230 V 50/60 Hz 1 Phase / 2.3 A (Unit) / 4 A (Internal Outlet)	
Building Supply Rating	15A dedicated grounded non-GFCI circuit. Protected by circuit breaker rated for inductive loads	
Power Plug / Power Cord Length	16 Amp (CEE 7/7) / 3.048 Meters (10 feet)	
Agency Listings	CE, UL, cUL	
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)	
<b>Refrigeration Configuration</b>		
Refrigeration System	Vapor Compression System	
Compressor / Number / Capacity	Hermetic Variable Capacity Compressor / 1 / 286 W	
Condenser Type / Number	Microchannel and Forced-Air Cooled / 1	
Expansion Device	Capillary Tube	
Evaporator Type / Defrost Method	Forced Air Evaporator Coil / Automatic Defrost	
Refrigerant Charge / Flammability	R290, 145 gms, GWP:3 ODP:0 / Flammable	
<b>Controller/Electrical System Configuration and Features</b>		
Controller Level	Eye Level	
Power Switch	Keyed Off-On - Alarm	
Controller Type	IntrLogic Control System: Digital Display, Graphic Thermometer, Automatic Defrost System	
Setpoint Security / Programmable	Yes / Yes	
Compressor Safe Guard	Current Protection	
Control Sensor	Single RTD (1000 ohm shielded Platinum RTD)	
Connectivity / Remote Outputs	Remote Alarm Contacts, RS485 Output and 4-20 mA Output (optional)	
Adjustable Warm / Cold Alarms	Fully Adjustable	
Power Failure Alarm	Standard	
Electronic Chart Recorder	Optional	
<b>Dimensions and Construction</b>		
Interior Dimensions (D x W x H)	72.3 cm x 61.0 cm x 147.3 cm (28.5" x 24.0" x 58.0")	
Exterior Dimensions (D x W x H)	96.2 cm x 71.1 cm x 199.7 cm (37.8" x 28.0" x 78.6")	
Insulation	5.08 cm (2.0") High-Density Water-Blown Polyurethane Foam	
Door Perimeter Heater	Yes	
Shelves / Load Limit	(2) Adjustable Half Wire Shelves / Max. Cap. per Shelf: 22.5 kg (50 lbs)	
All-Direction Casters	Standard With Locks	
Shipping Weight	195 kg / 429 lb	



- 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.



19585-B-36

**Cabinet Average:** 5.3 C  
**Probe Average:** 5.5 C  
**Peak Variation:** +2.0 C / -1.6 C

	M1	M2	M3	M4	M5	M10	M11	M12	M13
Avg	5.5	5.5	5.2	5.2	5.3	5.1	5.3	5.5	5.1
Max	6.7	6.6	6.6	6.6	6.5	6.7	6.6	6.6	6.7
Min	4.3	4.6	3.9	4	4.2	3.5	4.2	4.4	3.4

	M14	M15	M20	M21	M22	M23	M24	M25
Avg	5.2	5.3	5.4	5.7	5.1	5.1	5.3	5.1
Max	6.7	6.5	6.6	7	6.5	6.4	6.6	6.8
Min	3.7	4.2	4.5	4.4	3.8	3.9	4.2	3.4

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

