

thermo scientific

# TSG Series General Purpose Refrigerators



Reliable sample  
storage and protection

**ThermoFisher**  
SCIENTIFIC

# Designed for your everyday laboratory needs

The Thermo Scientific™ TSG Series general purpose laboratory refrigerators and chromatography refrigerators are designed with your needs in mind. The TSG series is ideal for the demanding requirements of daily use in research, clinical, and industrial laboratories storing reagents, media, proteins, and samples used daily in the lab.

The TSG Series general purpose refrigerators and chromatography refrigerators are built with the performance, security, and quality features you have come to expect from Thermo Scientific:

- EPA ENERGY STAR® certified
- Whisper-quiet refrigeration systems
- Safety sensor protected interior outlet on chromatography models
- Temperature, power failure, and door ajar alarms
- Green, natural refrigerants
- 2 year parts and labor, plus 3 year compressor warranty

TSG Series General Purpose Refrigerator with Single Glass Door



TSG Series General Purpose Refrigerator with Double Solid Doors



TSG Series General Purpose Refrigerator with Triple Glass Doors



# Built with the performance, security, and quality you've come to expect



## Performance

- New 2° to 10° C cabinet temperature range (5°C factory setpoint)
- 51 dBA whisper-quiet operation
- Low heat output
- Adaptive defrost
- Digital controller
- ENERGY STAR certified
- Green refrigerants

## Security

- High and Low temperature alarms (audible and visual)
- Door ajar alarm (except 45 cu. ft. sliding glass door models)
- Power failure alarm with battery back-up
- Remote alarm contacts
- Keyed door locks
- Hydrocarbon safety sensor protected interior duplex outlet (chromatography models only)

## Quality

- 2 years parts and labor, plus 3 year compressor warranty
- cULus certified
- Painted steel exterior in white or gray
- Stainless steel interior available on some models
- Reduced compressor cycle time improves reliability
- Made in the USA in a zero-waste-to-landfill facility



# TSG Series Refrigerators



TSG Series General Purpose Refrigerators with Double Solid Doors



TSG Series General Purpose Refrigerators with Single Door

TSG Series general purpose refrigerators are designed with your laboratory in mind, combining the performance, security, and quality required for everyday laboratory applications.

- Featuring a wide range of cabinet sizes from 12 cu. ft. to 72 cu. ft.
- Whisper-quiet operation at 51 dBA
- ENERGY STAR certified
- Adaptive defrost
- Glass (double pane) or solid door configurations
- Choice of white painted interior and exterior, or stainless steel interior and gray exterior
- LED interior lighting
- Temperature, door ajar, and power failure (with battery back-up) alarms
- Digital controller
- Low heat output
- Rear access port
- Keyed door lock(s)
- Remote alarm contacts

## TSG Series General Purpose Refrigerators

Model no.	Temp. range (setpoint)	Capacity cu. ft. (liters)	Electrical (plug)	Doors	Exterior/Interior Color	Shelves	Defrost	Certification	Exterior dimensions D x W x H in. (mm)	Interior dimensions D x W x H in. (mm)	Shipping weight lbs. (kg)	
TSG12RPGA	2-10 °C (5°C)	12 (339)	115V, 60Hz (NEMA 5-15)	1 Glass	white/white	4	Adaptive	cULus, ENERGY STAR	25 x 24.75 x 75.8 (635 x 629 x 1926)	20.75 x 21 x 45.75 (527 x 533 x 1169)	230 (105)	
TSG25RPGA		23 (651)							32 x 27.75 x 81 (813 x 705 x 2057)	28.5 x 24 x 61.75 (724 x 610 x 1569)	392 (178)	
TSG30RPGA		27 (764)		2 Slide Glass		8			32 x 30.75 x 81 (813 x 781 x 2057)	28.5 x 27 x 61.75 (724 x 686 x 1569)	386 (175)	
TSG45RPLA		45 (1274)							32 x 52.7 x 81 (813 x 1339 x 2057)	27 x 49 x 61.75 (686 x 1245 x 1569)	561 (255)	
TSG49RPGA		49 (1387)		2 Glass		12			32 x 52.7 x 81 (813 x 1339 x 2057)	27 x 49 x 61.75 (686 x 1245 x 1569)	597 (271)	
TSG72RPGA	72 (2038)	3 Glass	32 x 75.7 x 81 (813 x 1924 x 2057)	28.5 x 72 x 61.75 (724 x 1829 x 1569)	733 (332)							
TSG25RPSA	2-10 °C (5°C)	23 (651)	115V, 60Hz (NEMA 5-15)	1 solid	white/white	4	Adaptive	cULus, ENERGY STAR	32 x 27.75 x 81 (813 x 705 x 2057)	28.5 x 24 x 61.75 (724 x 610 x 1569)	392 (178)	
TSG30RPSA		27 (764)		2 solid					8	32 x 30.75 x 81 (813 x 781 x 2057)	28.5 x 27 x 61.75 (724 x 686 x 1569)	386 (175)
TSG49RPSA		49 (1387)								32 x 52.7 x 81 (813 x 1339 x 2057)	27 x 49 x 61.75 (686 x 1245 x 1569)	597 (271)
TSG25RSGA	2-10 °C (5°C)	23 (651)	115V, 60Hz (NEMA 5-15)	1 Glass	gray/stainless steel	4	Adaptive	cULus, ENERGY STAR	32 x 27.75 x 81 (813 x 705 x 2057)	28.5 x 24 x 61.75 (724 x 610 x 1569)	392 (178)	
TSG30RSGA		27 (764)							2 Slide Glass	8	32 x 30.75 x 81 (813 x 781 x 2057)	28.5 x 27 x 61.75 (724 x 686 x 1569)
TSG45RSLA		45 (1274)		2 Glass		12					32 x 52.7 x 81 (813 x 1339 x 2057)	27 x 49 x 61.75 (686 x 1245 x 1569)
TSG49RSGA		49 (1387)							3 Glass	32 x 75.7 x 81 (813 x 1924 x 2057)		
TSG72RSGA		72 (2038)		3 Glass		32 x 75.7 x 81 (813 x 1924 x 2057)					28.5 x 72 x 61.75 (724 x 1829 x 1569)	733 (332)
TSG25RSSA	2-10 °C (5°C)	23 (651)	115V, 60Hz (NEMA 5-15)	1 solid	gray/stainless steel	4	Adaptive	cULus, ENERGY STAR	32 x 27.75 x 81 (813 x 705 x 2057)	28.5 x 24 x 61.75 (724 x 610 x 1569)	392 (178)	
TSG30RSSA		27 (764)							2 solid	8	32 x 30.75 x 81 (813 x 781 x 2057)	28.5 x 27 x 61.75 (724 x 686 x 1569)
TSG49RSSA		49 (1387)		32 x 52.7 x 81 (813 x 1339 x 2057)		28.5 x 49 x 61.75 (724 x 1245 x 1569)					597 (271)	

# TSG Series Chromatography Refrigerators



TSG Series  
General Purpose  
Chromatography  
Refrigerator with  
Single Glass Door



TSG Series Chromatography Refrigerators are designed with your chromatography applications in mind

- Featuring a wide range of cabinet sizes from 30 cu. ft. to 72 cu. ft.
- Hydrocarbon safety sensor protected interior duplex outlet
- Whisper-quiet operation at 51 dBA
- ENERGY STAR certified
- Adaptive defrost
- Double pane glass doors
- Choice of white painted interior and exterior, or stainless steel interior and gray exterior
- LED interior lighting
- Temperature, door ajar, and power failure (with battery back-up) alarms
- Digital controller
- Low heat output
- Rear access port, plus two 2-inch side access ports
- Keyed door lock(s)
- Remote alarm contacts



TSG Series General Purpose  
Chromatography Refrigerator  
with Double Glass Doors

## TSG Series Chromatography Refrigerators

Model no.	Temp. range (setpoint)	Capacity cu. ft. (liters)	Electrical (plug)*	Doors	Exterior/Interior Color	Shelves (half shelves)	Defrost	Certification	Exterior dimensions D x W x H in. (mm)	Interior dimensions D x W x H in. (mm)	Shipping weight lbs. (kg)
TSG30CPGA	2-10 °C (5°C)	27 (764)	115V, 60Hz (NEMA 5-15) (2)	1 Glass	white/white	4 (3)	Adaptive	cULus, ENERGY STAR	32 x 30.75 x 81 (813 x 781 x 2057)	28.5 x 27 x 61.75 (724 x 686 x 1569)	386 (175)
TSG45CPLA	2-10 °C (5°C)	45 (1274)		2 Slide Glass		8 (2)			32 x 52.7 x 81 (813 x 1339 x 2057)	27 x 49 x 61.75 (686 x 1245 x 1569)	561 (255)
TSG49CPGA		49 (1387)		2 Glass		8 (2)			32 x 75.7 x 81 (813 x 1924 x 2057)	28.5 x 72 x 61.75 (724 x 1829 x 1569)	733(332)
TSG72CPGA		72 (2038)		3 Glass		12 (2)					
TSG30CSGA	2-10 °C (5°C)	27 (764)	115V, 60Hz (NEMA 5-15) (2)	1 Glass	gray/stainless steel	4 (3)	Adaptive	cULus, ENERGY STAR	32 x 30.75 x 81 (813 x 781 x 2057)	28.5 x 27 x 61.75 (724 x 686 x 1569)	386 (175)
TSG45CSLA		45 (1274)		2 Slide Glass		8 (2)			32 x 52.7 x 81 (813 x 1339 x 2057)	28.5 x 49 x 61.75 (724 x 1245 x 1569)	561 (255)
TSG49CSGA		49 (1387)		2 Glass		8 (2)			32 x 75.7 x 81 (813 x 1924 x 2057)	28.5 x 72 x 61.75 (724 x 1829 x 1569)	733 (332)
TSG72CSGA		72 (2038)		3 Glass		12 (2)					

\* Chromatography Refrigerators are supplied with two power cords (one for the unit and one for the internal receptacle and Hydrocarbon Safety Sensor)

## TSG Series Refrigerators Accessories Ordering Guide

For use with refrigerator size	12 cu. ft. (339L)	23 cu. ft. (651 L)	27 cu. ft. (764 L)	45 cu. ft. (1447 L)	49 cu. ft. (1387 L)	72 cu. ft. (2038 L)
Customer-Installed Accessories	Model No.	Model No.	Model No.	Model No.	Model No.	Model No.
Full Shelf with Clips (1 white wire shelf and 4 mounting clips)	7510TA	7511TA	AY2100X1	AY2095X26	AY2102X2	
Full Shelf with Clips (1 gray wire shelf and 4 mounting clips)		7512TA	7513TA	AY2098X1	7514TA	
Half Shelf with Clips (1 white wire shelf and 4 mounting clips)			AY2020X2	7520TA	AY2102X1	
Half Shelf with Clips (1 gray wire shelf and 4 mounting clips)			7518TA	7521TA	7522TA	
<b>6" 7-day inkless chart recorders, -40°C to +25°C</b>			<b>Model no. (all sizes)</b>			
Free-standing, customer-installed, 115V, 60Hz models				6383-7A		
Replacement chart paper, box of 50				6184		



Smart Tracker wireless monitoring device



Thermo Scientific™ TSG505 under counter refrigerator



Thermo Scientific Samco Clicktainer Vials and specimen containers

Visit [thermofisher.com](http://thermofisher.com) for accessories, wireless monitoring, consumables, media, reagents and more.

Australia: +61 39757 4300  
Austria: +43 1 801 40 0  
Belgium: +32 53 73 42 41  
China: +800 810 5118 or  
+400 650 5118  
France: +33 2 2803 2180

Germany national toll-free: 0800 1 536 376  
Germany international: +49 6184 90 6000

India toll free: 1800 22 8374  
India: +91 22 6716 2200  
Italy: +39 02 95059 552  
Japan: +81 3 5826 1616  
Netherlands: +31 76 579 55 55  
New Zealand: +64 9 980 6700  
Nordic/Baltic/CIS Countries:  
+358 9 329 10200

Russia: +7 812 703 42 15  
Spain/Portugal: +34 93 223 09 18  
Switzerland: +41 44 454 12 12  
UK/Ireland: +44 870 609 9203  
USA/Canada: +1 866 984 3766

Other Asian Countries: +852 2885 4613  
Countries not listed: +49 6184 90 6000