



Thermo Scientific
GP Series Laboratory
Refrigerators and Freezers



your samples
our obsession

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Thermo
SCIENTIFIC

Introducing the Thermo Scientific GP Series Refrigerators and Freezers

Our complete line of GP Series refrigerators and freezers provide the reliability and security essential for the protection of sensitive lab samples in the +4° to -30°C range.

Reliable Sample Protection and Storage

Ideal for the demanding requirements of daily lab applications, our range of general purpose (GP) refrigerators and freezers include:

▶ Thermo Scientific GP Series Refrigerators and Freezers

▶ Thermo Scientific GP Series Chromatography Refrigerators

All models of our Thermo Scientific GP Series refrigerators and freezers deliver the performance, security and quality features you have come to depend on from us.

- Wide range of capacities – from 12 cu. ft. to 72 cu. ft.
- Exceptional security features
- Outstanding temperature stability
- Intuitive digital controls
- Quality, robust construction



Thermo Scientific
GP Series Freezer



Thermo Scientific
GP Series Refrigerator



Thermo Scientific
GP Series Chromatography Refrigerators



Thermo Scientific GP Series Refrigerators and Freezers



Reliable cold storage for general-purpose applications

Our GP Series refrigerators and freezers offer the dependability and safety required for your daily lab applications.

- Range of sizes to suit your lab space needs
- Choice of painted or stainless steel interior finish (refrigerators only)
- Available with or without chart recorders

Performance

- Refrigerator cabinet temperature range: 1° to 12°C (factory setpoint 4°C)
- Freezer cabinet temperature range: -12° to -30°C (factory setpoint -30°C)
- Digital temperature controller with intuitive interface
- Excellent temperature stability of $\pm 3^\circ\text{C}$
- High-density, fluorine free insulation
- Automatic defrost

Security

- Keyed on/off switch
- Optional chart recorder
- High/Low Temperature, Visual/Audio alarms
- Choice of solid or glass lockable doors (refrigerators only)
- Easily accessible contacts for backup monitoring
- Door ajar alarm (except sliding glass doors)
- Control panel with key lock

Quality

- Painted, high-quality steel exterior
- Choice of painted or stainless steel interior (refrigerators only)
- Casters for easy mobility with leveling for better stability
- Noise levels – quiet refrigeration system
- 1" rear access port
- Certifications: UL listed



12 cu. ft. lab refrigerator with glass door, model no. MR12PA-GAEE-TS



23 cu. ft. lab freezer with solid stainless steel door, model no. MF25SS-SAEE-TS



27 cu. ft. lab refrigerator with solid stainless steel door, model no. MR30SS-SAEE-TS



49 cu. ft. lab refrigerator with solid stainless steel doors and chart recorder, model no. MR49PA-SARE-TS



72 cu. ft. lab refrigerator with glass doors, model no. MR72SS-GAEE-TS

Thermo Scientific GP Series Refrigerators and Freezers

SPECIFICATIONS & ORDERING INFORMATION

	Model Number	Capacity	Voltage	Plug Type	Interior Finish	Door[s]	No. of Shelves	Interior Dimensions D x W x H	Exterior Dimensions* D x W x H	Chart Recorder	Shipping Weight
Thermo Scientific GP Series Freezers	MF25SS-SAE-ES	24 cu. ft.	115V 60Hz	5-15P	Stainless Steel	Solid stainless-steel door, single	3	28 x 22 x 60"	32 x 26 x 78.5" (Add 1 3/4" to Depth for handle)	No	392 lb.
	MF25SS-SARE-ES	24 cu. ft.	115V 60Hz	5-15P	Stainless Steel	Solid stainless-steel door, single	3	28 x 22 x 60"	32 x 26 x 78.5" (Add 1 3/4" to Depth for handle)	Yes	392 lb.
	MF34SS-SAE-ES	34 cu. ft.	115V 60Hz	5-15P	Stainless Steel	Solid stainless-steel door, single	3	28 x 31 x 60"	32 x 35 x 78.5" (Add 1 3/4" to Depth for handle)	No	429 lb.
	MF34SS-SARE-ES	34 cu. ft.	115V 60Hz	5-15P	Stainless Steel	Solid stainless-steel door, single	3	28 x 31 x 60"	32 x 35 x 78.5" (Add 1 3/4" to Depth for handle)	Yes	429 lb.
	MF49SS-SAE-ES	48 cu. ft.	208-230V 60Hz	L14-20	Stainless Steel	Solid stainless-steel door, double	6	28 x 48 x 60"	32 x 52 x 78.5" (Add 1 3/4" to Depth for handle)	No	630 lb.
	MF49SS-SARE-ES	48 cu. ft.	208-230V 60Hz	L14-20	Stainless Steel	Solid stainless-steel door, double	6	28 x 48 x 60"	32 x 52 x 78.5" (Add 1 3/4" to Depth for handle)	Yes	630 lb.
Thermo Scientific GP Series Refrigerators	MR12PA-GAEE-ES	12 cu. ft.	115V 60Hz	5-15P	White	Glass door, single	4	20.75 x 21 x 45.75"	24 x 24 x 62"	No	230 lb.
	MR12PA-GARE-ES	12 cu. ft.	115V 60Hz	5-15P	White	Glass door, single	4	20.75 x 21 x 45.75"	24 x 24 x 62"	Yes	230 lb.
	MR25SS-GAEE-ES	23 cu. ft.	115V 60Hz	5-15P	Stainless Steel	Glass door, single	4	28.5 x 24 x 61.75"	32 x 27 x 78" (Add 1 3/4" to Depth for handle)	No	300 lb.
	MR25SS-GARE-ES	23 cu. ft.	115V 60Hz	5-15P	Stainless Steel	Glass door, single	4	28.5 x 24 x 61.75"	32 x 27 x 78" (Add 1 3/4" to Depth for handle)	Yes	300 lb.
	MR25SS-SAE-ES	23 cu. ft.	115V 60Hz	5-15P	Stainless Steel	Solid stainless-steel door, single	4	28.5 x 24 x 61.75"	32 x 27 x 78" (Add 1 3/4" to Depth for handle)	No	300 lb.
	MR25SS-SARE-ES	23 cu. ft.	115V 60Hz	5-15P	Stainless Steel	Solid stainless-steel door, single	4	28.5 x 24 x 61.75"	32 x 27 x 78" (Add 1 3/4" to Depth for handle)	Yes	300 lb.
	MR25PA-GAEE-ES	23 cu. ft.	115V 60Hz	5-15P	White	Glass door, single	4	28.5 x 24 x 61.75"	32 x 27 x 78"	No	300 lb.
	MR25PA-GARE-ES	23 cu. ft.	115V 60Hz	5-15P	White	Glass door, single	4	28.5 x 24 x 61.75"	32 x 27 x 78"	Yes	300 lb.
	MR25PA-SAE-ES	23 cu. ft.	115V 60Hz	5-15P	White	Solid stainless-steel door, single	4	28.5 x 24 x 61.75"	32 x 27 x 78" (Add 1 3/4" to Depth for handle)	No	300 lb.
	MR25PA-SARE-ES	23 cu. ft.	115V 60Hz	5-15P	White	Solid stainless-steel door, single	4	28.5 x 24 x 61.75"	32 x 27 x 78" (Add 1 3/4" to Depth for handle)	Yes	300 lb.
	MR30SS-GAEE-ES	27 cu. ft.	115V 60Hz	5-15P	Stainless Steel	Glass door, single	4	28.5 x 27 x 61.75"	32 x 30 x 78" (Add 1 3/4" to Depth for handle)	No	386 lb.
	MR30SS-GARE-ES	27 cu. ft.	115V 60Hz	5-15P	Stainless Steel	Glass door, single	4	28.5 x 27 x 61.75"	32 x 30 x 78" (Add 1 3/4" to Depth for handle)	Yes	386 lb.
	MR30SS-SAE-ES	27 cu. ft.	115V 60Hz	5-15P	Stainless Steel	Solid stainless-steel door, single	4	28.5 x 27 x 61.75"	32 x 30 x 78" (Add 1 3/4" to Depth for handle)	No	386 lb.
	MR30SS-SARE-ES	27 cu. ft.	115V 60Hz	5-15P	Stainless Steel	Solid stainless-steel door, single	4	28.5 x 27 x 61.75"	32 x 30 x 78" (Add 1 3/4" to Depth for handle)	Yes	386 lb.
	MR30PA-GAEE-ES	27 cu. ft.	115V 60Hz	5-15P	White	Glass door, single	4	28.5 x 27 x 61.75"	32 x 30 x 78"	No	386 lb.
	MR30PA-GARE-ES	27 cu. ft.	115V 60Hz	5-15P	White	Glass door, single	4	28.5 x 27 x 61.75"	32 x 30 x 78"	Yes	386 lb.
	MR30PA-SAE-ES	27 cu. ft.	115V 60Hz	5-15P	White	Solid stainless-steel door, single	4	28.5 x 27 x 61.75"	32 x 30 x 78" (Add 1 3/4" to Depth for handle)	No	386 lb.
	MR30PA-SARE-ES	27 cu. ft.	115V 60Hz	5-15P	White	Solid stainless-steel door, single	4	28.5 x 27 x 61.75"	32 x 30 x 78" (Add 1 3/4" to Depth for handle)	Yes	386 lb.
	MR38PA-GAEE-ES	38 cu. ft.	115V 60Hz	5-15P	White	Sliding glass door, double	8	27 x 40.5 x 61.75"	32 x 43.5 x 78"	No	524 lb.
	MR38PA-GARE-ES	38 cu. ft.	115V 60Hz	5-15P	White	Sliding glass door, double	8	27 x 40.5 x 61.75"	32 x 43.5 x 78"	Yes	524 lb.
	MR45SS-GAEE-ES	45 cu. ft.	115V 60Hz	5-15P	Stainless Steel	Sliding glass door, double	8	27 x 48.63 x 61.75"	32 x 52 x 78"	No	561 lb.
	MR45SS-GARE-ES	45 cu. ft.	115V 60Hz	5-15P	Stainless Steel	Sliding glass door, double	8	27 x 48.63 x 61.75"	32 x 52 x 78"	Yes	561 lb.
	MR45PA-GAEE-ES	45 cu. ft.	115V 60Hz	5-15P	White	Sliding glass door, double	8	27 x 48.63 x 61.75"	32 x 52 x 78"	No	561 lb.
	MR45PA-GARE-ES	45 cu. ft.	115V 60Hz	5-15P	White	Sliding glass door, double	8	27 x 48.63 x 61.75"	32 x 52 x 78"	Yes	561 lb.
	MR49SS-GAEE-ES	49 cu. ft.	115V 60Hz	5-15P	Stainless Steel	Glass door, double	8	28.5 x 48.63 x 61.75"	32 x 52 x 78" (Add 1 3/4" to Depth for handle)	No	597 lb.
	MR49SS-GARE-ES	49 cu. ft.	115V 60Hz	5-15P	Stainless Steel	Glass door, double	8	28.5 x 48.63 x 61.75"	32 x 52 x 78" (Add 1 3/4" to Depth for handle)	Yes	597 lb.
	MR49SS-SAE-ES	49 cu. ft.	115V 60Hz	5-15P	Stainless Steel	Solid stainless-steel door, double	8	28.5 x 48.63 x 61.75"	32 x 52 x 78" (Add 1 3/4" to Depth for handle)	No	597 lb.
	MR49SS-SARE-ES	49 cu. ft.	115V 60Hz	5-15P	Stainless Steel	Solid stainless-steel door, double	8	28.5 x 48.63 x 61.75"	32 x 52 x 78" (Add 1 3/4" to Depth for handle)	Yes	597 lb.
	MR49PA-GAEE-ES	49 cu. ft.	115V 60Hz	5-15P	White	Glass door, double	8	28.5 x 48.63 x 61.75"	32 x 52 x 78"	No	597 lb.
	MR49PA-GARE-ES	49 cu. ft.	115V 60Hz	5-15P	White	Glass door, double	8	28.5 x 48.63 x 61.75"	32 x 52 x 78"	Yes	597 lb.
	MR49PA-SAE-ES	49 cu. ft.	115V 60Hz	5-15P	White	Solid stainless-steel door, double	8	28.5 x 48.63 x 61.75"	32 x 52 x 78" (Add 1 3/4" to Depth for handle)	No	597 lb.
	MR49PA-SARE-ES	49 cu. ft.	115V 60Hz	5-15P	White	Solid stainless-steel door, double	8	28.5 x 48.63 x 61.75"	32 x 52 x 78" (Add 1 3/4" to Depth for handle)	Yes	597 lb.
MR72SS-GAEE-ES	72 cu. ft.	115V 60Hz	5-15P	Stainless Steel	Glass door, triple	12	28.5 x 72 x 61.75"	32 x 75 x 78" (Add 1 3/4" to Depth for handle)	No	730 lb.	
MR72SS-GARE-ES	72 cu. ft.	115V 60Hz	5-15P	Stainless Steel	Glass door, triple	12	28.5 x 72 x 61.75"	32 x 75 x 78" (Add 1 3/4" to Depth for handle)	Yes	730 lb.	
MR72PA-GAEE-ES	72 cu. ft.	115V 60Hz	5-15P	White	Glass door, triple	12	28.5 x 72 x 61.75"	32 x 75 x 78"	No	730 lb.	
MR72PA-GARE-ES	72 cu. ft.	115V 60Hz	5-15P	White	Glass door, triple	12	28.5 x 72 x 61.75"	32 x 75 x 78"	Yes	730 lb.	

Add 3" to exterior height if using provided standard casters

Thermo Scientific GP Series Chromatography Refrigerators



Secure storage for chromatography applications

Our Thermo Scientific GP Series chromatography refrigerators combine performance and security required for everyday chromatography applications.

- Capacities from 27 cu. ft. to 72 cu. ft.
- Range of sizes: from single-door to large-capacity, three-door uprights
- Choice of painted or stainless interior



45 cu. ft. chromatography refrigerator with sliding glass doors, model no. MH45PA-GAEE-TS

Side access ports

Performance

- Refrigerator cabinet temperature range: 1° to 12°C (factory setpoint 4°C)
- Excellent temperature stability of $\pm 3^{\circ}\text{C}$
- Bright digital display
- Automatic defrost

Security

- Optional chart recorder
- High/low temperature alarms
- Keyed on/off switch
- Door ajar alarm (except sliding glass door models)

Quality

- Painted, high-quality steel exterior
- Choice of painted or stainless steel interior
- Two 2-inch side access ports
- Energy-efficient, double pane, argon-filled glass doors
- Interior duplex outlet
- Certifications: UL listed

Backwall plugs



27 cu. ft. chromatography refrigerator with glass door and stainless steel interior, model no. MH30SS-GAEE-TS

Thermo Scientific GP Series Chromatography Refrigerators

SPECIFICATIONS & ORDERING INFORMATION

	Model Number	Capacity	Voltage	Plug Type	Interior Finish	Door[s]	No. of Shelves	Interior Dimensions D x W x H	Exterior Dimensions* D x W x H	Chart Recorder	Shipping Weight
Thermo Scientific GP Series Chromatography Refrigerators	MH30SS-GAEE-TS	27 cu. ft.	115V 60Hz	5-15P	Stainless Steel	Glass door, single	4	28.5 x 27 x 61.75"	32 x 30 x 78" (Add 1 3/4" to Depth for handle)	No	300 lb.
	MH30SS-GARE-TS	27 cu. ft.	115V 60Hz	5-15P	Stainless Steel	Glass door, single	4	28.5 x 27 x 61.75"	32 x 30 x 78" (Add 1 3/4" to Depth for handle)	Yes	300 lb.
	MH45SS-GAEE-TS	45 cu. ft.	115V 60Hz	5-15P	Stainless Steel	Sliding glass door, double	8	27 x 48.63 x 61.75"	32 x 52 x 78"	No	561 lb.
	MH45SS-GARE-TS	45 cu. ft.	115V 60Hz	5-15P	Stainless Steel	Sliding glass door, double	8	27 x 48.63 x 61.75"	32 x 52 x 78"	Yes	561 lb.
	MH49SS-GAEE-TS	49 cu. ft.	115V 60Hz	5-15P	Stainless Steel	Glass door, double	8	28.5 x 48.63 x 61.75"	32 x 52 x 78" (Add 1 3/4" to Depth for handle)	No	597 lb.
	MH49SS-GARE-TS	49 cu. ft.	115V 60Hz	5-15P	Stainless Steel	Glass door, double	8	28.5 x 48.63 x 61.75"	32 x 52 x 78" (Add 1 3/4" to Depth for handle)	Yes	597 lb.
	MH72SS-GAEE-TS	72 cu. ft.	115V 60Hz	5-20P	Stainless Steel	Glass door, triple	12	28.5 x 72 x 61.75"	32 x 75 x 78" (Add 1 3/4" to Depth for handle)	No	730 lb.
	MH72SS-GARE-TS	72 cu. ft.	115V 60Hz	5-20P	Stainless Steel	Glass door, triple	12	28.5 x 72 x 61.75"	32 x 75 x 78" (Add 1 3/4" to Depth for handle)	Yes	730 lb.
	MH30PA-GAEE-TS	27 cu. ft.	115V 60Hz	5-15P	White	Glass door, single	4	28.5 x 27 x 61.75"	32 x 30 x 78"	No	300 lb.
	MH30PA-GARE-TS	27 cu. ft.	115V 60Hz	5-15P	White	Glass door, single	4	28.5 x 27 x 61.75"	32 x 30 x 78"	Yes	300 lb.
	MH38PA-GAEE-TS	38 cu. ft.	115V 60Hz	5-15P	White	Sliding glass door, double	8	27 x 40.5 x 61.75"	32 x 43.5 x 78"	No	524 lb.
	MH38PA-GARE-TS	38 cu. ft.	115V 60Hz	5-15P	White	Sliding glass door, double	8	27 x 40.5 x 61.75"	32 x 43.5 x 78"	Yes	524 lb.
	MH45PA-GAEE-TS	45 cu. ft.	115V 60Hz	5-15P	White	Sliding glass door, double	8	27 x 48.63 x 61.75"	32 x 52 x 78"	No	561 lb.
	MH45PA-GARE-TS	45 cu. ft.	115V 60Hz	5-15P	White	Sliding glass door, double	8	27 x 48.63 x 61.75"	32 x 52 x 78"	Yes	561 lb.
	MH49PA-GAEE-TS	49 cu. ft.	115V 60Hz	5-15P	White	Glass door, double	8	28.5 x 48.63 x 61.75"	32 x 52 x 78"	No	597 lb.
	MH49PA-GARE-TS	49 cu. ft.	115V 60Hz	5-15P	White	Glass door, double	8	28.5 x 48.63 x 61.75"	32 x 52 x 78"	Yes	597 lb.
	MH72PA-GAEE-TS	72 cu. ft.	115V 60Hz	5-20P	White	Glass door, triple	12	28.5 x 72 x 61.75"	32 x 75 x 78"	No	730 lb.
MH72PA-GARE-TS	72 cu. ft.	115V 60Hz	5-20P	White	Glass door, triple	12	28.5 x 72 x 61.75"	32 x 75 x 78"	Yes	730 lb.	

Add 3" to exterior height if using provided standard casters

Services designed to help you achieve your goals!

Responsive and knowledgeable laboratory service is only a phone call or email away, providing you with peace of mind:

- Increased equipment uptime, ensuring continuity of operations
- Broad network of factory trained and certified technicians
- Convenient and dependable access to our expertise and original parts
- A fixed cost solution with service maintenance options



Thermo Scientific Labware

Thermo Scientific plastic and glass labware offer a complete range of tubes, bottles, flasks and vials for all of your cold storage applications. Our labware products are designed and manufactured for tough applications under rigorous laboratory conditions. For more information, visit www.thermoscientific.com/labwareandsupplies.