



Thermo Scientific  
GP Series Laboratory  
Refrigerators and Freezers



your samples  
**our obsession**

**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<br>D x W x H               | Exterior Dimensions*<br>D x W x H                | Chart Recorder | Shipping Weight |
|--|----------------|------------|---------------|-----------------|--------------------|------------------------------------|--------------------|--|--|----------------|-----------------|
| <b>Thermo Scientific<br/>GP Series Freezers</b>          | 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.         |
| <b>Thermo Scientific<br/>GP Series<br/>Refrigerators</b> | 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<br>D x W x H | Exterior Dimensions*<br>D x W x H              | Chart Recorder | Shipping Weight |
|---|----------------|------------|-----------|-----------|--------------------|----------------------------|--------------------|----------------------------------|--|----------------|-----------------|
| Thermo Scientific<br>GP Series<br>Chromatography<br>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

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## 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](http://www.thermoscientific.com/labwareandsupplies).



**Warranty:** 2 years parts and labor plus additional four year compressor (parts only)

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