



Cat. No.
TSE1220FA

Cat. No.
TSE1205GA

Cat. No.
TSE0405GA

Cat. No.
TSE0405SA

Cold storage

TSE Series laboratory refrigerators and freezers

Cold storage for
everyday essentials

Cold storage essentials built for reliability

Thermo Scientific™ TSE Series laboratory refrigerators and freezers help deliver dependable performance for non-critical, day-to-day storage in laboratory environments. With digital temperature control and practical configurations, including undercounter, stackable, and upright single-door models, these units help provide easy access to frequently used supplies. Ideal for routine workflows, the TSE Series offers economical cold storage while maintaining the performance laboratories expect.



Built for ease of use

TSE Series refrigerators and freezers are designed for simple, intuitive operation. Plug-and-play installation with installed casters helps you begin using your equipment quickly, and digital controls offer clear access to temperature settings and alarms. Daily operation is whisper-quiet, allowing your lab to focus on its work.



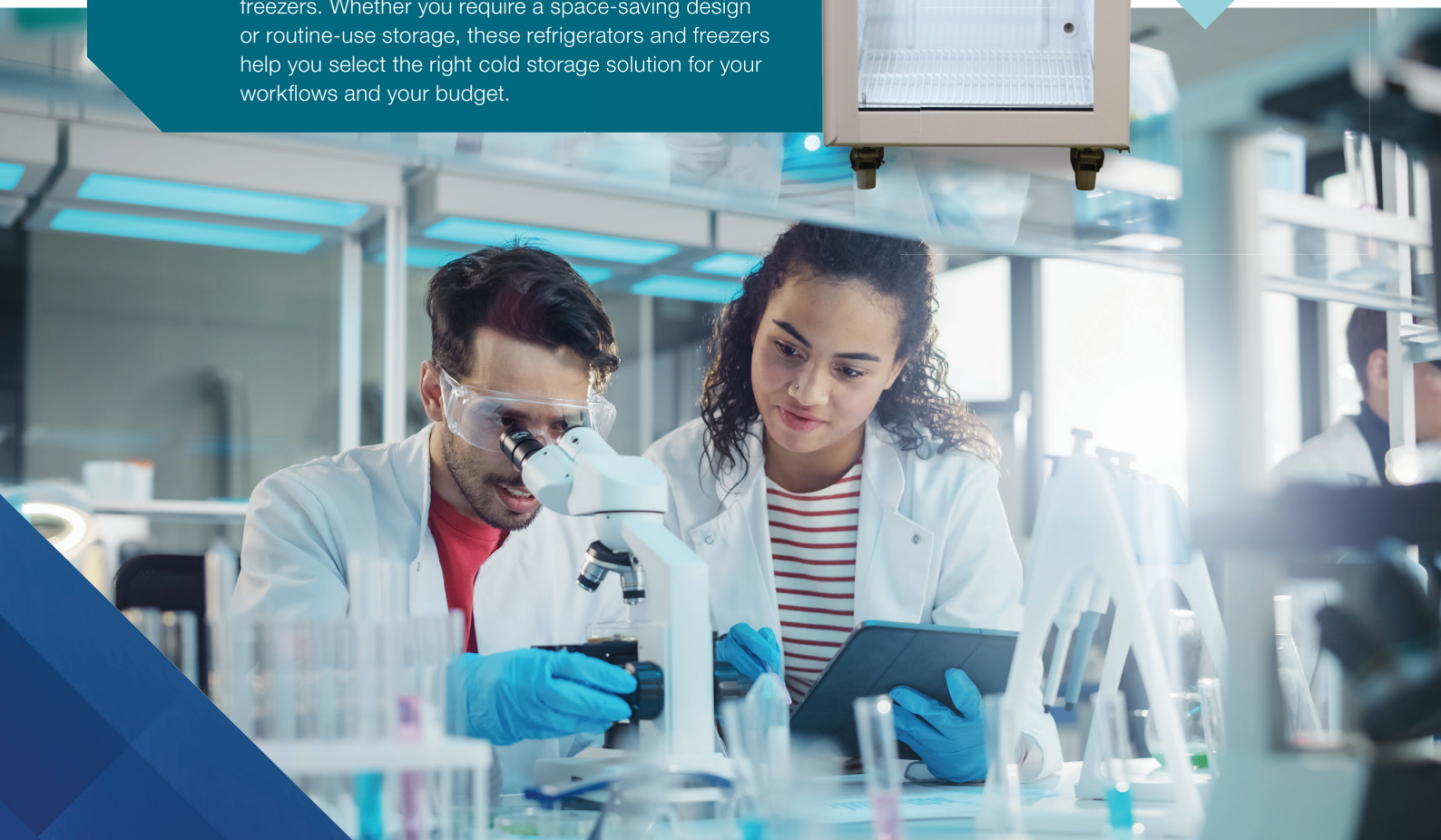
Built to support your lab

The TSE Series is available in a range of configurations to meet the needs of many laboratory spaces. Choices include undercounter units, stackable models, and upright single-door refrigerators and freezers. Whether you require a space-saving design or routine-use storage, these refrigerators and freezers help you select the right cold storage solution for your workflows and your budget.

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Glass door refrigerators

TSE Series glass door refrigerators offer enhanced visibility for routine laboratory use. Bright interior lighting and a clear glass door make it easy to check inventory at a glance. With digital temperature control and a range of practical sizes, these units support everyday access to frequently used supplies while providing economical performance.

- Three convenient sizes ranging from 4.5 to 22 cu. ft.
- Factory setpoint of +5°C
- Digital controller with clear display
- Bright interior LED lighting
- Temperature and door ajar alarms
- Access port
- Keyed door lock
- 2-year parts and labor warranty
- ENERGY STAR version 2.0



TSE Series glass door lab refrigerators

Cat. No.	Temp. range (set point)	Capacity gross/net cu. ft. (L)	Electrical plug	Doors	Shelves	Defrost	Certification	Interior dimensions D x W x H in.	Exterior dimensions D x W x H in.	Shipping weight lbs. (kg)
TSE0405GA	1–10°C (5°C)	4.5/3 (123/77)	115 V, 60 Hz (NEMA 5–15 P)	1 Glass	2	Automatic	cETLus, ENERGY STAR	20.0 x 19.3 x 24.4	27.1 x 23.4 x 32.8	127.8 (58)
TSE1205GA	1–10°C (5°C)	12/9.4 (343/266)	115 V 60 Hz, (NEMA 5–15P)	1 Glass	5	Automatic	cETLus, ENERGY STAR	20.0 x 19.3 x 62.8	27.1 x 23.4 x 74.8	218 (99)
TSE2205GA	1–10°C (5°C)	22/20 (627/564)	115 V, 60 Hz (NEMA 5–20P)	1 Glass	4	Automatic	cETLus, ENERGY STAR	27.6 x 23.5 x 59.3	34.7 x 28.1 x 79.8	335 (146)

Solid door refrigerators

TSE Series solid door refrigerators help deliver enhanced durability and light protection, helping to ensure a consistent environment for everyday storage. Offered in multiple sizes and ready to use out of the box, they help provide economical, dependable performance for day-to-day workflows.

- Three convenient sizes ranging from 4.5 to 22 cu. ft.
- Factory setpoint of +5°C
- Digital controller with clear display
- Temperature and door ajar alarms
- Access port
- Keyed door lock
- 2-year parts and labor warranty
- ENERGY STAR version 2.0



TSE Series solid door lab refrigerators

Cat. No.	Temp. range (set point)	Capacity gross/net cu. ft. (L)	Electrical plug	Doors	Shelves	Defrost	Certification	Interior dimensions D x W x H in.	Exterior dimensions D x W x H in.	Shipping weight lbs. (kg)
TSE0405SA	1–10°C (5°C)	4.5/3 (123/77)	115 V, 60 Hz (NEMA 5–15P)	1 Solid	2	Automatic	cETLus, ENERGY STAR	19.3 x 19.0 x 24.4	25.9 x 23.4 x 32.8	114 (52)
TSE1205SA	1–10°C (5°C)	12/9.4 (343/266)	115 V, 60 Hz (NEMA 5–15 P)	1 Solid	5	Automatic	cETLus, ENERGY STAR	19.3 x 19.0 x 62.8	25.9 x 23.4 x 74.8	192 (87)
TSE2205SA	1–10°C (5°C)	22/20 (627/564)	115 V, 60 Hz (NEMA 5–20 P)	1 Solid	4	Automatic	cETLus, ENERGY STAR	27.6 x 23.5 x 59.3	35.7 x 28.1 x 79.8	317 (144)

Freezers

Preset to -20°C, TSE auto-defrost freezers provide simple operation and dependable performance for routine laboratory workflows. Available in a variety of sizes, they offer economical cold storage suited for daily use while helping maintain reliable performance.

- Three convenient sizes ranging from 4.5 to 22 cu. ft.
- Factory setpoint of -20°C
- Digital controller with clear display
- Temperature and door ajar alarms
- Access port
- Keyed door lock
- 2-year parts and labor warranty
- ENERGY STAR version 2.0



Cat. No.
TSE2220FA

TSE Series freezers

Cat. No.	Temp. range (set point)	Capacity gross/net cu. ft. (L)	Electrical plug	Doors	Shelves	Defrost	Certification	Interior dimensions D x W x H in.	Exterior dimensions D x W x H in.	Shipping weight lbs. (kg)
TSE0420FA	-15 to -25°C (-20°C)	4.5/3 (123/77)	115 V, 60 Hz (NEMA 5-15 P)	1 Solid	2	Automatic	cETLus, ENERGY STAR	19.3 x 19.0 x 24.4	25.9 x 23.4 x 32.8	115 (52)
TSE1220FA	-15 to -25°C (-20°C)	12/9.4 (343/266)	115 V, 60 Hz (NEMA 5-15 P)	1 Solid	5	Automatic	cETLus, ENERGY STAR	19.3 x 19.0 x 62.8	25.9 x 23.4 x 74.8	194 (88)
TSE2220FA	-15 to -25°C (-20°C)	22/20 (627/564)	115 V, 60 Hz (NEMA 5-20 P)	1 Solid	4	Automatic	cETLus, ENERGY STAR	27.6 x 23.5 x 59.3	34.7 x 28.1 x 79.8	335 (152)

Combination units

TSE Series combination units create a compact, space-saving cold storage solution for laboratories with limited room or who need stacked configurations. Undercounter refrigerators and freezers can be paired with a purpose-built stacking kit, and units are available with either glass or solid refrigerator doors. These systems offer versatile, economical performance for routine workflows that require both refrigerated and frozen storage.

- Easy-to-install stacking kit can be purchased as an accessory
- Available in glass- or solid-door refrigerators
- 240 cu. liters stacked capacity
- Freezer factory setpoint -20°C
- Refrigerator factory setpoint +5°C
- 2-year parts and labor warranty
- ENERGY STAR version 2.0



Cat. No.
TSE0420FA

Cat. No.
TSE0405GA

TSE refrigerator & freezer combination units

Cat. No.	Temp. range (set point)	Capacity gross/net cu. ft. (L)	Electrical plug	Doors	Shelves	Defrost	Interior dimensions D x W x H in.	Exterior dimensions D x W x H in.	Shipping weight lbs. (kg)
TSE08CGA*	1-10°C(5°C)/-15 to -25°C (-20°C)	4.5/3 (123/77) x 2	115 V, 60 Hz (NEMA 5-15 P)	1 glass (ref)/1 solid (frz)	2, 2	Automatic	20.0 x 19.3 x 24.4	27.1 x 23.4 x 65.6	118 (53)
TSE08CSA*	1-10°C(5°C)/-15 to -25°C (-20°C)	4.5/3 (123/77) x 2	115 V, 60 Hz (NEMA 5-15 P)	1 solid (ref)/1 solid (frz)	2, 2	Automatic	19.3 x 19.0 x 24.4	25.9 x 23.4 x 65.6	118 (53)

*Combination package comes complete with the stacking kit accessory (507548-SK).



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Services and support

When you invest in Thermo Scientific™ laboratory refrigerators and freezers, you not only benefit from reliable product performance, but can also enjoy peace of mind with the exceptional service solutions from the Unity™ Lab services team.

We offer a full range of services to support your equipment throughout its lifecycle—from start-up for new equipment to maintenance, repair, and compliance services that help you meet regulatory standards—so you can stay focused on your work.

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 Learn more at thermofisher.com/valueplus

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