

Thermo  
Scientific™  
TSE1220FV

Thermo  
Scientific™  
TSE1205GV

Thermo  
Scientific™  
TSE0405GV

Thermo  
Scientific™  
TSE0405SV

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 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 provide easy access to frequently used supplies. Ideal for routine workflows, the TSE Series offers economical cold storage while maintaining the essential 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, the TSE Series helps 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 77 litres to 564 litres
- Factory setpoint +5°C
- Digital controller with clear display
- Bright interior LED lighting
- Temperature and door ajar visual alarms
- Access port
- Keyed door lock
- 2 year parts and labor warranty



## TSE Series glass door lab refrigerators

Model No.	Temp. range (set point)	Capacity cu. ft. (litres)	Electrical plug	Doors	Shelves	Defrost	Certification	Interior dimensions D x W x H cm	Exterior dimensions D x W x H cm	Shipping weight lbs. (kg)
TSE0405GV	1-10°C (5°C)	3 (77)	230V, 50Hz (CEE 7/7)	1 Glass	2	Automatic	CE	50.8 x 49 x 62	66.8 x 59.5 x 83.3	127.8 (58)
TSE1205GV	1-10°C (5°C)	9.4 (266)	230V, 50Hz (CEE 7/7)	1 Glass	5	Automatic	CE	50.8 x 49 x 159.5	66.8 x 59.5 x 190	218 (99)
TSE2205GV	1-10°C (5°C)	20 (564)	230V, 50Hz (CEE 7/7)	1 Glass	4	Automatic	CE	70 x 59.6 x 150.5	88.1 x 71.1 x 202.4	335 (146)

# Solid door refrigerators

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

- Three convenient sizes ranging from 77 litres to 564 litres
- Factory setpoint +5°C
- Digital controller with clear display
- Temperature and door ajar visual alarms
- Access port
- Keyed door lock
- 2 year parts and labor warranty



## TSE Series solid door lab refrigerators

Model No.	Temp. range (set point)	Capacity cu. ft. (litres)	Electrical plug	Doors	Shelves	Defrost	Certification	Interior dimensions D x W x H cm	Exterior dimensions D x W x H cm	Shipping weight lbs. (kg)
TSE0405SV	1-10°C (5°C)	3 (77)	230V, 50Hz (CEE 7/7)	1 Solid	2	Automatic	CE	49 x 48.3 x 62	64.3 x 59.4 x 83.3	114 (52)
TSE1205SV	1-10°C (5°C)	9.4 (266)	230V, 50Hz (CEE 7/7)	1 Solid	5	Automatic	CE	48.3 x 49 x 159.5	64.5 x 59.5 x 190	192 (87)
TSE2205SV	1-10°C (5°C)	20 (564)	230V, 50Hz (CEE 7/7)	1 Solid	4	Automatic	CE	70 x 59.6 x 150.5	88.1 x 71.4 x 202.4	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 maintaining essential, reliable performance.

- Three convenient sizes ranging from 77 litres to 564 litres
- Factory setpoint -20°C
- Digital controller with clear display
- Temperature and door ajar alarms
- Access port
- Keyed door lock
- 2 year parts and labor warranty



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TSE2220FV

## TSE Series Freezers

Model No.	Temp. range (set point)	Capacity cu. ft. (litres)	Electrical plug	Doors	Shelves	Defrost	Certification	Interior dimensions D x W x H cm	Exterior dimensions D x W x H cm	Shipping weight lbs. (kg)
TSE0420FV	-15 to -25°C (-20°C)	3 (77)	230V, 50Hz (CEE 7/7)	1 Solid	2	Automatic	CE	49 x 48.3 x 62	64.3 x 59.4 x 83.3	115 (52)
TSE1220FV	-15 to -25°C (-20°C)	9.4 (266)	230V, 50Hz (CEE 7/7)	1 Solid	5	Automatic	CE	48.3 x 49 x 159.5	64.5 x 59.5 x 190	194 (88)
TSE2220FV	-15 to -25°C (-20°C)	20 (564)	230V, 50Hz (CEE 7/7)	1 Solid	4	Automatic	CE	70 x 59.6 x 150.5	88.1 x 71.4 x 202.4	335 (152)

# Combination units

TSE Series combination units create a compact, space-saving cold storage solution for laboratories with limited room or a need for 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
- 154 litres stacked capacity
- Freezer factory setpoint -20°C
- Refrigerator factory setpoint +5°C
- 2 year parts and labor warranty



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TSE0420FV

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TSE0405GV

## TSE Refrigerator & freezer combination units

Model No.	Temp. range (set point)	Capacity cu. ft. (litres)	Electrical plug	Doors	Shelves	Defrost	Certification	Interior dimensions D x W x H cm	Exterior dimensions D x W x H cm	Shipping weight lbs. (kg)
TSE08CGV*	1-10°C (5°C) / -15 to -25°C (-20°C)	3 (77) + 3 (77)	230V, 50Hz (CEE 7/7)	1 Glass (Ref) / 1 Solid (Frz)	2,2	Automatic		50.8 x 49 x 62	66.7 x 59.5 x 166.6	118 (53)
TSE08CSV*	1-10°C (5°C) / -15 to -25°C (-20°C)	3 (77) + 3 (77)	230V, 50Hz (CEE 7/7)	1 Solid (Ref) / 1 Solid (Frz)	2,2	Automatic		48.3 x 49 x 62	64.5 x 59.5 x 166.6	118 (53)

\*Requires Stacking Kit Accessory: 507548-SK



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