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### TefCold SCU1425 Frameless

# TefCold SCU1425 Frameless Commercial Display Refrigerator

User Manual

## 1. PRODUCT OVERVIEW

The TefCold SCU1425 Frameless is a commercial display refrigerator designed for efficient and attractive storage and display of beverages and other chilled products. Featuring a sleek frameless glass door, LED interior lighting, and fan-assisted cooling, it ensures optimal product presentation and consistent temperature control. This manual provides essential information for the safe and effective use, installation, and maintenance of your appliance.





Figure 1: Front view of the TefCold SCU1425 Frameless refrigerator.

## 2. SAFETY INFORMATION

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Please read all safety instructions carefully before operating the appliance to prevent injury or damage. Keep this manual for future reference.

- Ensure the appliance is connected to a grounded power outlet with the correct voltage (220-240V/50Hz).
- Do not operate the appliance with a damaged power cord or plug.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Keep ventilation openings clear of obstruction.
- Only qualified personnel should perform repairs or maintenance.
- This appliance is intended for commercial use only.

## 3. SETUP

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### 3.1 Unpacking

Carefully remove all packaging materials, including protective films and tapes. Inspect the appliance for any shipping damage. Report any damage to your supplier immediately.

### 3.2 Placement

- Place the refrigerator on a firm, level surface capable of supporting its weight when fully loaded.
- Ensure adequate ventilation around the unit. Maintain a minimum clearance of 10 cm (4 inches) from walls or other objects on all sides to allow for proper airflow and heat dissipation.
- Avoid direct sunlight or proximity to heat sources (e.g., ovens, radiators) as this will affect cooling performance and increase energy consumption.
- The appliance is equipped with 2 adjustable feet at the front and 2 rollers at the rear for easy positioning and leveling. Use the adjustable feet to ensure the unit is perfectly level to prevent door misalignment and ensure proper operation.

### 3.3 Electrical Connection

Before plugging in the unit, allow it to stand upright for at least 2-4 hours. This allows the refrigerant to settle, preventing potential damage to the cooling system.

- Connect the appliance to a dedicated, grounded electrical outlet.
- Do not use extension cords or adapter plugs.
- Verify that the power supply matches the requirements specified on the appliance's rating label (220-240V/50Hz).

### 3.4 Initial Cleaning

Before first use, clean the interior and exterior of the refrigerator with a mild detergent and warm water. Rinse thoroughly and dry completely.

## 4. OPERATING INSTRUCTIONS

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### 4.1 Temperature Control

The TefCold SCU1425 Frameless features a mechanical temperature controller, typically located inside the cabinet or at the rear. The recommended operating temperature range is +2 to +10 °C. Adjust the thermostat dial to set the desired temperature. Lower numbers usually indicate colder temperatures.

### 4.2 Loading the Refrigerator

Arrange products to allow for proper air circulation. Do not block the air vents inside the cabinet. Overloading the refrigerator can impede airflow and reduce cooling efficiency.

### 4.3 Internal Lighting

The refrigerator is equipped with LED lighting integrated into the door frame to illuminate the contents. This lighting typically operates automatically when the door is opened or can be controlled by a switch, if present.

## 5. MAINTENANCE

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### 5.1 Cleaning

Regular cleaning ensures optimal performance and hygiene.

- **Interior:** Clean the interior regularly with a mild, non-abrasive detergent and warm water. Wipe dry with a soft cloth. Remove shelves for easier cleaning.
- **Exterior:** Wipe the exterior surfaces with a damp cloth and mild detergent. Avoid harsh chemicals or abrasive cleaners.

- **Condenser:** The condenser coils (typically located at the rear or bottom of the unit) should be cleaned periodically (e.g., every 3-6 months) to remove dust and debris. This improves cooling efficiency and extends the lifespan of the unit. **Always unplug the unit before cleaning the condenser.**



Figure 2: Illustration showing the location of the condenser filter (top arrow) and door lock (bottom arrow).

## 5.2 Defrosting

This appliance features an automatic defrosting system, minimizing the need for manual defrosting. During the defrost cycle, ice accumulated on the evaporator coils melts and drains away. Ensure the drain hole is clear to prevent water buildup.

## 5.3 Shelf Adjustment

The refrigerator comes with 5 black sheet metal shelves. These shelves are adjustable to accommodate various product heights. To adjust, simply lift the shelf, reposition the shelf supports to the desired height, and reinsert the shelf.

## 6. TROUBLESHOOTING

Before contacting service, check the following common issues:

Problem	Possible Cause	Solution
Appliance does not operate	No power supply; Power cord unplugged; Circuit breaker tripped.	Check power connection; Check circuit breaker/fuse.
Temperature is not cold enough	Thermostat set too high; Door not closed properly; Excessive door openings; Overloaded with warm products; Poor ventilation; Dirty condenser.	Adjust thermostat to a colder setting; Ensure door is sealed; Reduce door openings; Allow space for air circulation; Clean condenser coils.
Excessive noise	Appliance not level; Loose components; Fan obstruction.	Adjust leveling feet; Check for loose parts; Ensure fan is clear.
Water on floor/inside cabinet	Blocked drain hole; Excessive humidity.	Clear drain hole; Ensure door is sealed properly.

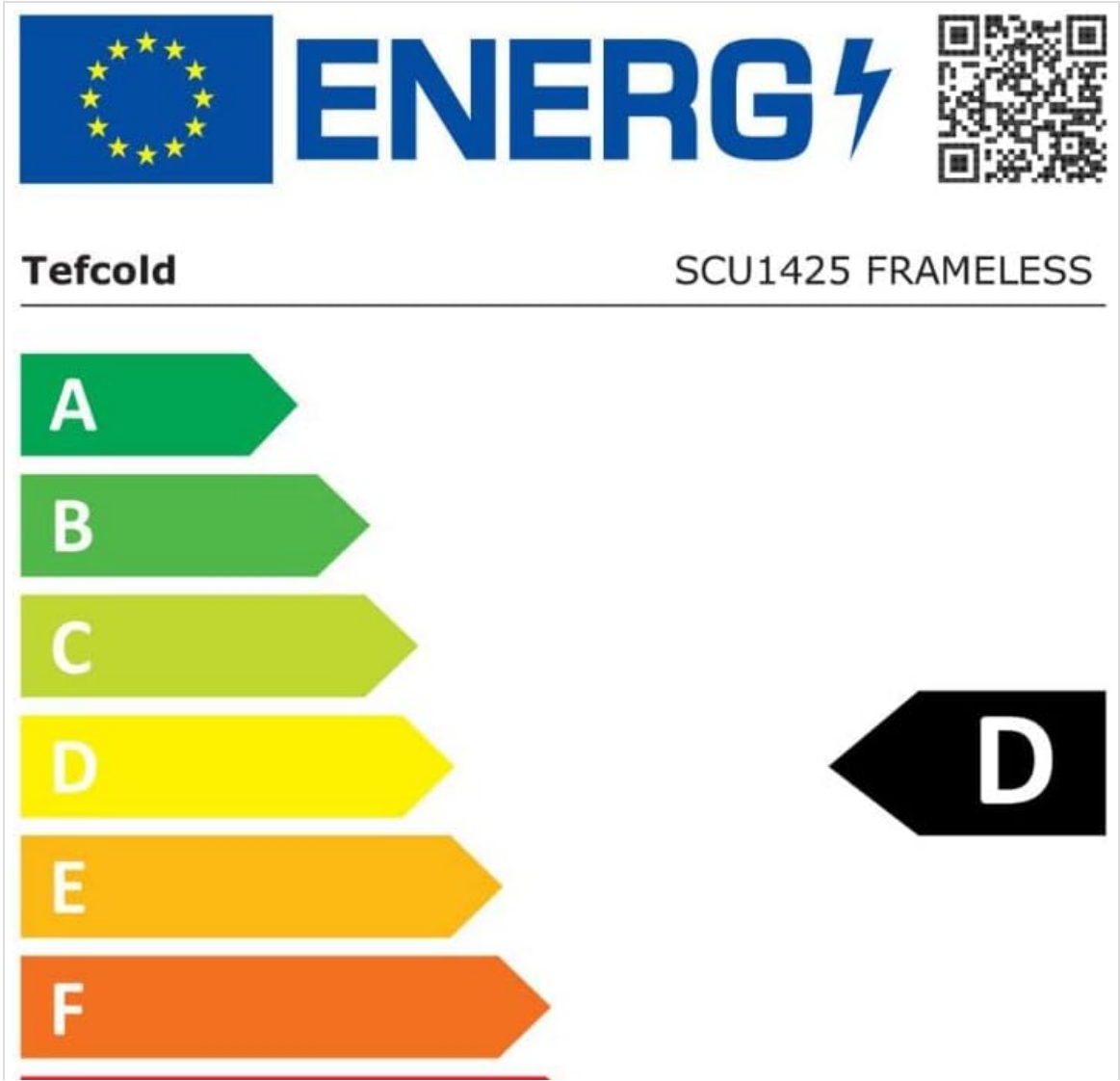
If the problem persists after checking these points, please contact qualified service personnel.

7. SPECIFICATIONS

Detailed technical specifications for the TefCold SCU1425 Frameless refrigerator:

Category	Feature	Specification
Design & Material	Door Type	1 hinged glass door
	Tempered Glass	Yes
	Door Reversible	No
	Shelves No & Type	5 black sheet metal
	Shelf Dimensions (WxD)	477 x 365 mm
	Feet / Legs	2 adjustable feet
	Castors	2 rollers
	Exterior Finish	Black
	Interior Finish	Black ABS
	Interior Light	LED inside door frame
Measures & Content	Temperature Range	2 to 10 °C
	Climate Class	4
	Gross / Net Volume	387 / 347 l
Cooling & Functions	Type of Controller	Mechanical
	Type of Cooling	Fan assisted

Category	Feature	Specification
	Type of Defrosting	Automatic
	Refrigerant	R600a (85 g)
	GWP	3
Power & Consumption	Energy Classification	D
	Annual Energy Consumption	683 kWh/year
	Energy Efficiency Index (EEI)	38.9
	EEI Volume	399
	Input Power	235 W
	Voltage / Frequency	220-240/50 V/Hz
	Noise Level	45 dB(A)
Dimensions	Internal (WxDxH)	505 x 462 x 1742 mm
	External (WxDxH)	595 x 595 x 1990 mm
	Packed (WxDxH)	665 x 715 x 2150 mm



**G****683 kWh/annum**  
**399 L** **4 °C**  
**≤ 32 °C**

2019/2018

Figure 3: Technical drawing with detailed dimensions.

Figure 4: Energy label for TefCold SCU1425 Frameless. For more details, visit the [EPREL database](#).

## 8. WARRANTY AND SUPPORT

TefCold products are manufactured to high standards and come with a manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included with your appliance or contact your point of purchase.

For technical support, spare parts, or service inquiries, please contact your authorized TefCold dealer or service center. When contacting support, please have your model number (SCU1425 Frameless) and serial number (if applicable) ready.



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[Tefcold Beverage Cooler User Manual and Instructions](#)

Comprehensive user manual and installation guide for Tefcold beverage display coolers, covering safety, setup, operation, maintenance, and technical specifications. Available in multiple languages.



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[Tefcold Displaykøler Brugsvejledning](#)

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[TEFCOLD ATOM MAXI MK2 Commercial Coolers and Freezers User Manual](#)

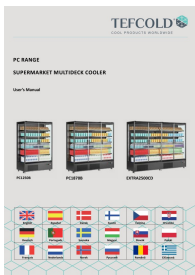
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[Tefcold BC85I, BC145I, SC85I, SC145I Bottle Cooler User Manual](#)

Comprehensive user manual for Tefcold BC85I, BC145I, SC85I, SC145I bottle coolers, covering installation, operation, maintenance, safety, and warranty information.



[TEFCOLD PC Range Supermarket Multideck Cooler User's Manual](#)

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