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› [Subcold Ultra 10 Mini Fridge: Portable Cooler and Warmer \(10 Liters\) Instruction Manual](#)

Subcold ULTRA10

Subcold Ultra 10 Mini Fridge: Portable Cooler and Warmer

INSTRUCTION MANUAL

1. Introduction

Thank you for purchasing the Subcold Ultra 10 Mini Fridge. This portable thermoelectric appliance is designed to keep your items cool or warm, offering versatility for various environments such as bedrooms, offices, cars, and outdoor activities. With a 10-liter capacity, it can hold up to 10 standard 330ml cans. Please read this manual carefully before use to ensure proper operation and maintenance.

2. Safety Instructions

- Ensure the power supply matches the voltage specified on the appliance.
- Do not immerse the appliance in water or other liquids.
- Unplug the unit from the power outlet before cleaning or performing any maintenance.
- Keep the appliance away from direct sunlight, heat sources, and open flames.
- Ensure adequate ventilation around the unit. Do not block the ventilation openings.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Do not use the appliance if the power cord or plug is damaged. Contact customer support for assistance.
- Do not use abrasive cleaners or sharp objects to clean the interior or exterior.

3. Package Contents

- Subcold Ultra 10 Mini Fridge
- AC Power Cable (230V)
- DC 12V Car Power Cable

4. Setup

1. **Placement:** Place the mini fridge on a flat, stable surface. Ensure there is at least 10 cm of space around all sides for proper ventilation.
2. **Power Connection:**
 - For home/office use: Connect the AC power cable to the AC input port on the back of the fridge, then plug it into a standard 230V wall outlet.
 - For car use: Connect the DC 12V car power cable to the DC input port on the back of the fridge, then plug it into your vehicle's 12V cigarette lighter socket.
3. **Initial Use:** After connecting to power, allow the unit to sit for at least 30 minutes before placing items inside, especially when switching between cooling and warming modes.



Figure 1: Rear view of the Subcold Ultra 10 Mini Fridge with power inputs.

5. Operating Instructions

1. **Power On/Off:** Locate the ON/OFF switch on the back of the unit. Flip it to 'ON' to power the fridge.
2. **Select Mode (Cooling/Warming):** Next to the ON/OFF switch, you will find a switch for 'COLD' and 'WARM'.
 - For cooling: Set the switch to 'COLD'. The unit will cool items up to 18°C below the ambient temperature.
 - For warming: Set the switch to 'WARM'. The unit will warm items to a temperature between 45-65°C.
3. **Optimal Performance:**
 - For best cooling results, pre-chill items before placing them in the fridge.
 - For best warming results, pre-heat items before placing them in the fridge.
 - Avoid frequently opening the door to maintain desired internal temperature.



Figure 2: Interior view showing typical contents and capacity.



Figure 3: Mini fridge in a typical office or bedroom setting.



Figure 4: Mini fridge used for storing cosmetics.



Figure 5: Mini fridge in a car for portable use.

6. Maintenance

- **Cleaning:** Disconnect the power before cleaning. Use a soft cloth and mild detergent to clean the interior and exterior surfaces. Do not use abrasive cleaners or solvents.
- **Defrosting:** As a thermoelectric unit, significant frost buildup is unlikely. If minor frost occurs, simply unplug the unit and wipe it dry with a soft cloth.
- **Ventilation:** Regularly check that the ventilation openings on the back of the unit are clear of dust and debris to ensure efficient operation.
- **Storage:** If storing the unit for an extended period, ensure it is clean and dry. Store it in a cool, dry place away from direct sunlight.

7. Troubleshooting

- **Unit not powering on:**
 - Check if the power cable is securely connected to both the unit and the power outlet.
 - Ensure the ON/OFF switch is in the 'ON' position.
 - Test the power outlet with another appliance to confirm it is working.
- **Unit not cooling/warming effectively:**
 - Ensure the 'COLD' or 'WARM' switch is set correctly.
 - Check that the ventilation openings are not blocked.
 - Verify that the ambient temperature is within the operating range (extreme temperatures can affect performance).
 - Avoid frequent door openings.
 - Ensure items placed inside are not blocking the internal fan.
- **Unusual noise:**
 - A slight fan noise is normal during operation.
 - Ensure the unit is on a stable, flat surface to prevent vibrations.
 - Check for any obstructions in the fan area.

8. Specifications

Feature	Specification
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Feature	Specification
Brand	Subcold
Model	ULTRA10
Capacity	10 Liters (approx. 10 x 330ml cans)
Dimensions (L x W x H)	24.45 x 28.9 x 34.2 cm
Weight	3.5 kg
Voltage	AC 230V, DC 12V
Power	50 Watts
Noise Level	28 Decibels
Cooling Performance	Cools up to 18°C below ambient temperature
Warming Performance	Warms up to 45-65°C
Installation Type	Portable
Number of Shelves	2
Defrosting System	Automatic



ENERG ⚡



SUBCOLD

ULTRA-10



G

75 kWh/annum



10 L



A **B** CD

2019/2016

Figure 6: Energy Efficiency Label for Subcold Ultra 10.

9. Warranty and Support

This product comes with a minimum duration of **12 months guarantee** offered by the manufacturer. For further information, support, or to view the full product information sheet, please visit the official Subcold website:

www.subcold.com

Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2016 with regard to energy labelling of refrigerating appliances

Supplier's name or trade mark: Subcold

Supplier's address: Manufacturer - Subcold, 28/2 Firth Road Houstoun Industrial Estate Livingston, EH54 5DJ United Kingdom

Model identifier: ULTRA-10

Type of refrigerating appliance:

Low-noise appliance: No Design type: freestanding

Wine storage appliance: No Other refrigerating appliance: Yes

General product parameters:

Parameter	Value	Parameter	Value
Overall dimensions (millimetre)	Height	Total volume (dm ³ or l)	10
	Width		
	Depth		
EEL	100	Energy efficiency class	E
Airborne acoustical noise emissions (dB(A) re 1 pW)	35	Airborne acoustical noise emission class	B
Annual energy consumption (kWh/a)	75	Climate class:	extended temperate, temperate
Minimum ambient temperature (°C), for which the refrigerating appliance is suitable	10	Maximum ambient temperature (°C), for which the refrigerating appliance is suitable	32
Winter setting	No		

Compartment Parameters:

Compartment type	Compartment parameters and values			
	Compartment Volume (dm ³ or l)	Recommended temperature setting for optimised food storage (°C) These settings shall not contradict the storage conditions set out in Annex IV, Table 3	Freezing capacity (kg/24h)	Defrosting type (auto-defrost=A, manual defrost=M)

Pantry	Yes	10,0	17	-	M
Wine storage	No	-	-	-	-
Cellar	No	-	-	-	-
Fresh food	No	-	-	-	-
Chill	No	-	-	-	-
0-star or ice-making	No	-	-	-	-
1-star	No	-	-	-	-
2-star	No	-	-	-	-
3-star	No	-	-	-	-
4-star	No	-	-	-	-
2-star section	No	-	-	-	-
Variable temperature compartment	-	-	-	-	-

Light source parameters:

Type of light source	-
Energy efficiency class	-

Minimum duration of the guarantee offered by the manufacturer: 12 months

Additional information:

Weblink to the supplier's website, where the information in point 4 of Annex II of Commission Regulation (EU) 2019/2019 is found: www.subcold.com

Figure 7: Product Information Sheet.