

ICECO TK450

ICECO TK450 Car Electric Kettle User Manual

Model: TK450

1. INTRODUCTION

This manual provides instructions for the safe and efficient operation of your ICECO TK450 Car Electric Kettle. Please read this manual thoroughly before first use and retain it for future reference.



Image 1.1: The ICECO TK450 Car Electric Kettle, showcasing its design and included car power adapter.

2. IMPORTANT SAFETY INSTRUCTIONS

WARNING: Failure to follow these safety instructions may result in fire, electric shock, or injury.

- Read all instructions before using the appliance.
- Do not immerse the kettle, power cord, or plug in water or other liquids.
- This appliance is designed for 12V/24V vehicle power outlets only. Do not use with household AC power adapters.
- Ensure the lid is securely closed before heating to prevent hot water splashes.
- Do not operate the kettle if the power cord or plug is damaged. Contact customer support for assistance.
- Keep the appliance out of reach of children.
- Always unplug the kettle from the vehicle power outlet when not in use or before cleaning.

- Avoid touching hot surfaces. Use handles or knobs.
- Do not fill above the maximum fill line to prevent boiling over.
- The kettle features an automatic shut-off and boil-dry protection. However, do not leave the appliance unattended during operation.
- Ensure the steam outlet is clear and not obstructed during operation.

3. PRODUCT OVERVIEW

3.1 Components Included

- ICECO TK450 Car Electric Kettle
- DC Power Cord (for 12V/24V vehicle outlets)
- Removable Tea Infuser
- Cleaning Brush
- User Manual



Image 3.1: Package contents of the ICECO TK450 Car Electric Kettle.

3.2 Key Features

- **6-Temperature Control:** Precision settings from 113°F (45°C) to 212°F (100°C) for various beverages.

- **Food-Grade 304 Stainless Steel:** Interior constructed from BPA-free, rust-resistant stainless steel for water purity.
- **12V/24V Auto-Switch:** Automatically detects and adapts to vehicle power outlets.
- **Advanced Safety:** Features include a steam-vented lid, anti-slip base, auto-shutoff for dry-boil and overheating protection, and a leakproof design.
- **Integrated Tea Infuser:** Removable infuser for brewing tea directly in the kettle.
- **Portable Design:** Compact size (9 inches height, 450ml capacity) suitable for travel.
- **LED Display:** Shows current temperature and selected settings.



Image 3.2: The kettle's 6 temperature presets for various beverages.



Image 3.3: The kettle's LED display and control button.

4. SETUP AND FIRST USE

4.1 Initial Cleaning

1. Before first use, wash the interior of the kettle and the tea infuser with warm, soapy water.
2. Rinse thoroughly with clean water.
3. Wipe the exterior with a damp cloth. Do not immerse the kettle in water.

4.2 Power Connection

1. Ensure the kettle is empty and clean.
2. Connect the DC power cord to the kettle's hidden socket.
3. Plug the other end of the DC power cord into your vehicle's 12V or 24V cigarette lighter socket. The kettle will automatically detect the voltage.

ELECTRIC CAR KETTLE



Image 4.1: Connecting the kettle to a vehicle's power outlet.

5. OPERATION

5.1 Filling the Kettle

1. Open the lid and fill the kettle with water. Do not exceed the 'MAX' fill line.
2. If using the tea infuser, place tea leaves into the infuser and insert it into the kettle before closing the lid.
3. Close the lid securely. The leak-proof design prevents spills even if tipped.

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Image 5.1: The kettle with the removable tea infuser.

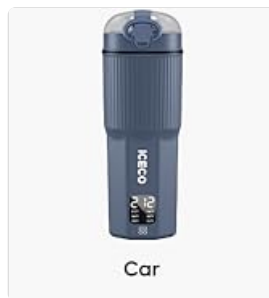


Image 5.2: The kettle fits securely in a car cup holder.

5.2 Setting Temperature

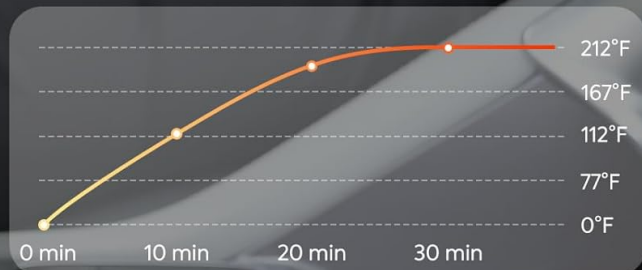
1. Once plugged in, the LED display will show the current water temperature.
2. Tap the button on the LED display to cycle through the 6 preset temperature options: 113°F (45°C), 131°F (55°C), 158°F (70°C), 176°F (80°C), 194°F (90°C), and 212°F (100°C).
3. The kettle will begin heating to the selected temperature.

5.3 Heating Process

- The LED display will show the water temperature as it heats.
- Heating times vary depending on the initial water temperature and the selected target temperature. Boiling water (212°F/100°C) typically takes 25-30 minutes.
- The kettle will automatically shut off once the target temperature is reached.
- The low-power heating design helps protect your vehicle's battery.

SAFE LOW-POWER HEATING

Boils in 25-30 mins



Slow heating protects the vehicle battery, allowing for worry-free use even during long trips

Image 5.3: Heating time illustration for the ICECO TK450.

5.4 Temperature Unit Toggle

Long-press the button on the LED display to switch between Fahrenheit (°F) and Celsius (°C) temperature units.

6. MAINTENANCE AND CLEANING

6.1 Regular Cleaning

1. Always unplug the kettle and allow it to cool completely before cleaning.
2. Wash the interior and tea infuser with warm, soapy water using the provided cleaning brush.
3. Rinse thoroughly.
4. Wipe the exterior with a damp cloth. Do not use abrasive cleaners or scourers.

6.2 Descaling

Over time, mineral deposits (scale) may build up inside the kettle, especially in hard water areas. Regular descaling is recommended to maintain performance.

1. Fill the kettle with a mixture of equal parts water and white vinegar, or use a commercial descaling solution according to its instructions.
2. Heat the solution to boiling (212°F/100°C).
3. Unplug the kettle and let the solution soak for 20-30 minutes.
4. Pour out the solution and rinse the interior thoroughly several times with fresh water.
5. Wipe away any remaining water or residue on the kettle surface.



Image 6.1: Steps for descaling the kettle.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Kettle does not heat.	Not properly plugged in; vehicle power outlet malfunction; kettle malfunction.	Ensure the power cord is securely plugged into both the kettle and the vehicle outlet. Check if the vehicle outlet is working. If issues persist, contact customer support.

Problem	Possible Cause	Solution
Water takes too long to heat.	Low ambient temperature; large volume of water; normal operation for low-power heating.	Heating times vary. Boiling water (212°F/100°C) can take 25-30 minutes. This is normal for vehicle-powered kettles designed to protect the car battery.
Kettle leaks.	Lid not securely closed; damage to the kettle.	Ensure the lid is properly and tightly closed. If the kettle is damaged, discontinue use and contact customer support.
LED display not working.	No power; internal fault.	Check power connection. If power is supplied and the display remains off, contact customer support.

8. SPECIFICATIONS

Feature	Detail
Brand	ICECO
Model Name	TK450
Capacity	450ml (15oz)
Power Input	12V/24V DC (Vehicle Power)
Temperature Control	6 Presets: 113°F/45°C to 212°F/100°C
Material	304 Stainless Steel Interior, ABS Anti-Scald Shell
Product Dimensions	3.15"L x 3.15"W x 9.84"H (8cm L x 8cm W x 25cm H)
Item Weight	1 lb (16 ounces)
Special Features	LED Digital Display, Auto Shut-off, Boil Dry Protection, Steam-Vented Lid, Leak-Proof Design, Tea Infuser

9. CUSTOMER SUPPORT

For product inquiries, technical assistance, or after-sales service, please contact ICECO customer support:

- **Telephone:** +1 (866) 494-3797
- Please have your model number (TK450) and purchase information ready when contacting support.

Related Documents - TK450

 <p>ICECO GO20 White/Grey</p> <p>Please email us at: official@icecofridge.com</p>	<p>ICECO GO20 Portable Dual Zone Fridge Freezer User Manual</p> <p>Comprehensive user manual for the ICECO GO20 portable dual zone fridge freezer, covering operation, maintenance, troubleshooting, and safety instructions.</p>
 <p>ICECO GO20 White/Grey</p> <p>Please email us at: official@icecofridge.com</p>	<p>ICECO GO20 Portable Refrigerator User Manual and Troubleshooting Guide</p> <p>Comprehensive guide for the ICECO GO20 portable refrigerator, covering setup, operation, maintenance, troubleshooting, warranty, app control, and safety instructions.</p>
 <p>ICECO</p> <p>GO20</p> <p>ICECO Compressor 3 Year Warranty</p> <p>Level Technical Support</p>	<p>ICECO GO20 Portable Refrigerator User Manual and Specifications</p> <p>Comprehensive user manual for the ICECO GO20 portable refrigerator, covering supply details, operation, app control, error codes, maintenance, troubleshooting, warranty, safety instructions, and accessories. Includes technical specifications and a catalog of ICECO portable fridge models.</p>
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 <p>ICECO</p> <p>VL75/90 PROD</p> <p>Please email us at: official@icecofridge.com</p>	<p>ICECO VL75/90 PROD Portable Refrigerator User Manual and Safety Guide</p> <p>Comprehensive guide for ICECO VL75/90 PROD portable refrigerators. Covers operation, supply details, specifications, cleaning, maintenance, error codes, troubleshooting, warranty, and safety instructions.</p>



[ICECO VL75/90 ProD Portable Refrigerator User Manual and Catalog](#)

Comprehensive guide for ICECO VL75/90 ProD portable refrigerators, covering operation, specifications, troubleshooting, safety, warranty, and accessories. This document serves as a user manual and product catalog.