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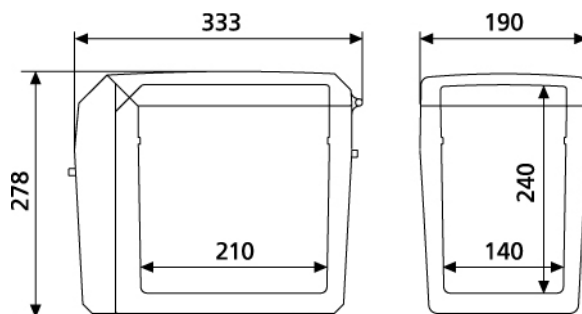
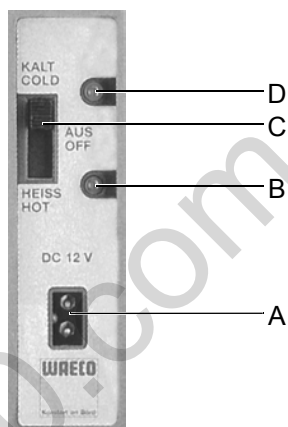
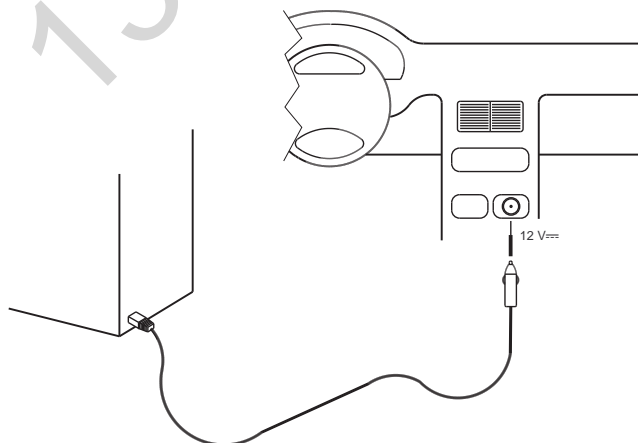
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## Tropicool TC07 AC/DC

**EN 13 Thermoelectric cooler**  
Installation and Operating Manual

**1****2****3**

**Please read this operating manual carefully before starting the device. Keep it in a safe place for future reference. If the device is passed on to another person, this operating manual must be handed over to the user along with it.**

The manufacturer cannot be held liable for damage resulting from **improper usage** or **incorrect operation**.

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## 1 Explanation of symbols



### **DANGER!**

**Safety instruction:** Failure to observe this instruction will cause fatal or serious injury.



### **WARNING!**

**Safety instruction:** Failure to observe this instruction can cause fatal or serious injury.



### **CAUTION!**

**Safety instruction:** Failure to observe this instruction can lead to injury.

**NOTICE!**

Failure to observe this instruction can cause material damage and impair the function of the product.

**NOTE**

Supplementary information for operating the product.

► **Action:** This symbol indicates that action is required on your part. The required action is described step-by-step.

✓ This symbol describes the result of an action.

**Fig. 1 5, page 3:** This refers to an element in an illustration. In this case, item 5 in figure 1 on page 3.

## 2 Safety instructions

### 2.1 General safety

**DANGER!**

- On boats: If the appliance is powered by the mains, ensure that the power supply has a residual current circuit breaker.

**WARNING!**

- Do not operate the device if it is visibly damaged.
- If this device's power cable is damaged, it must be replaced by the manufacturer, customer service or a similarly qualified person in order to prevent safety hazards.
- This device may only be repaired by qualified personnel. Improper repairs can lead to considerable hazards.
- This device can be used by children aged 8 years or over, as well as by persons with diminished physical, sensory or mental capacities or a lack of experience and/or knowledge, providing they are supervised or have been taught how to use the device safely and are aware of the resulting risks.
- Cleaning and user maintenance must not be carried out by children without supervision.
- Children must not play with the device.

- Children must be supervised to ensure that they do not play with the device.
- Always keep and use the device out of the reach of children under the age of 8 years.
- Do not store any explosive substances such as spray cans with a flammable propellant in the device.

**CAUTION!**

- Disconnect the device from the mains
  - before each cleaning and maintenance
  - after every use
- Food may only be stored in its original packaging or in suitable containers.

**NOTICE!**

- Check that the voltage specification on the type plate corresponds to that of the energy supply.
- Only connect the device as follows:
  - With the DC cable to a DC plug socket in the vehicle (e. g. cigarette lighter)
  - Or with the 230 V connection cable to the 230 V AC mains supply
- Never pull the plug out of the socket by the cable.
- If the cooler is connected to the DC socket: Disconnect the cooler and other power consuming devices from the battery before connecting the quick charging device.
- If the cooler is connected to the DC socket: Disconnect the cooler or switch it off when you turn off the engine. Otherwise you may discharge the battery.
- The cooling device is not suitable for transporting caustic materials or materials containing solvents.

## 2.2 Operating the device safely

**DANGER!**

- Do not touch exposed cables with your bare hands. This especially applies when operating the device with an AC mains power supply.

**CAUTION!**

- Before starting the device, ensure that the power supply line and the plug are dry.

**NOTICE!**

- Do not use electrical devices inside the cooler unless they are recommended by the manufacturer for the purpose.
- Do not place the device near naked flames or other heat sources (heaters, direct sunlight, gas ovens etc.).
- **Danger of overheating!**  
Ensure at all times that there is sufficient ventilation so that the heat that arises during operation does not build up. Make sure that the device is sufficiently far away from walls and other objects so that the air can circulate.
- Ensure that the ventilation openings are not covered.
- Do not fill the inner container with ice or fluid.
- Never immerse the device in water.
- Protect the device and the cable against heat and moisture.

### 3 Scope of delivery

Quantity	Description
1	Cooling device
1	Power adapter for 230 V AC mains
1	Connection cable for 230 V AC mains
1	Connection cable for cigarette lighter

## 4 Proper use

The cooling device is suitable for cooling and warming foodstuffs.

The cooling device is intended to be used in household and similar applications such as

- staff kitchen areas in shops, offices and other working environments
- farm houses
- clients in hotels, motels and other residential type environments
- bed and breakfast type environments
- catering and similar non-retail applications

The device is also suitable for camping.



### **CAUTION! Health hazard!**

Please check if the cooling capacity of the device is suitable for storing the food or medicine you wish to cool.

## 5 Technical description

The coolbox is suitable for mobile use. You can cool products to a maximum of 25 °C under the ambient temperature or warm them to a maximum of 65 °C.

Its cooling system is a non-wearing Peltier cooling, the heat is discharged by a fan.



## 6 Operation

**NOTE**

Before starting your new cooling device for the first time, you should clean it inside and outside with a damp cloth for hygienic reasons (please also refer to the “Cleaning and care” on page 20).

### 6.1 Energy saving tips

- Choose a well ventilated installation location which is protected against direct sunlight.
- Allow warm food to cool down first before placing it in the device to keep cool.
- Do not open the cooling device more often than necessary.
- Do not leave the cooler unit open for longer than necessary.

### 6.2 Switching on the cool box

**NOTICE!**

Ensure that the objects placed in the cool box are suitable for cooling/warming to the selected temperature.

- Place the coolbox on a firm base.

**NOTE**

The plug's polarity cannot be reversed: it can only be inserted into the socket in one direction (fig. **2** A, page 3).

#### Connecting to 230 V~

- Connect the 230 V connection cable to the power adapter.
- Plug the other end of the 230 V connection cable into the socket at the cool box.
- Connect the power adapter to a socket.
- ✓ The power adapter's LED glows green.

## Connecting to 12 V==

- Plug one end of the 12 V connection cable into the socket of the cool box.
- Connect the other end of the 12 V connection cable to the cigarette lighter in your vehicle (fig. **3**, page 3).

## Switching on the cool box

- Push the switch on the operating panel (fig. **2** C, page 3) into the “HEISS/HOT” position or the “KALT/COLD” position to switch the coolbox on.
- ✓ The cool box starts cooling/heating the interior.

Operating display	Operating mode
Red (fig. <b>2</b> B, page 3)	Heating
Green (fig. <b>2</b> D, page 3)	Cooling

## Switching between cooling and heating

- If you wish to switch between **cooling** and **heating**, push the switch on the operating panel (fig. **2** C, page 3) into the “HEISS/HOT” or “KALT/COLD” position.
- ✓ The red or green operating display lights up and the device begins cooling/heating.

## 6.3 Switching on the cool box

- If you wish to end the cooling/heating process, push the switch on the operating panel (fig. **2** C, page 3) into the “AUS/OFF” position.
- If you wish to switch off the device, pull out the connecting cable.

## 6.4 Connecting to a cigarette lighter



### NOTE

If you connect the device to the cigarette lighter of your vehicle (fig. **3**, page 3), remember that the ignition must be turned on to supply the device with power.

# 7      Cleaning and care



**WARNING!**  
Always disconnect the device from the mains before you clean and service it.



**NOTICE! Risk of damage**

- Never clean the cooler under running water or in dish water.
- Do not use abrasive cleaning agents or hard objects during cleaning as these can damage the cooler.


- Occasionally clean the device interior and exterior with a damp cloth.
- Make sure that the air inlet and outlet vents on the device are free of any dust and dirt, so that heat can be released and the device is not damaged.

# 8      Troubleshooting

Fault	Possible cause	Suggested remedy
Your coolbox is not working and the fan wheel which can be seen from the outside is not turning.	There is no voltage flowing from the cigarette lighter in your vehicle.	The ignition must be switched on in most vehicles for voltage to flow at the cigarette lighter.
The ignition is on and the coolbox is not working. Pull the plug out of the socket and make the following checks.	The cigarette lighter socket is dirty. This results in a poor electrical contact.	Clean the socket of the cigarette lighter with a non-metallic brush and a solvent, to ensure that the middle contact pin is clean. If the plug of your coolbox becomes very warm in the cigarette lighter socket, either the socket must be cleaned or the plug has not been assembled correctly.
	The fuse of the connecting cable has blown.	Replace the connecting cable fuse (5 A).
	The vehicle fuse has blown.	Replace the vehicle cigarette lighter fuse (usually 15 A). Please refer to the operating manual of your vehicle.
Your coolbox does not cool satisfactorily and the outer fan wheel is not turning.	The fan motor is defective.	This can only be repaired by an authorised customer services unit.





Fault	Possible cause	Suggested remedy
The coolbox does not cool satisfactorily and the outer fan wheel is turning.	The ventilator motor for the inner motor is defective.	This can only be repaired by an authorised customer services unit.
	The Peltier element is defective.	

9 Disposal

- Place the packaging material in the appropriate recycling waste bins wherever possible.
- 

If you wish to finally dispose of the product, ask your local recycling centre or specialist dealer for details about how to do this in accordance with the applicable disposal regulations.

10 Technical data

	TC07
Item no.:	9105302036
Capacity:	7 l
Connection voltage:	12 V== or 230 V~ with power adapter
Power consumption:	36 W (12 V==) or 40 W (230 V~)
Temperature range:	Cooling: up to 25 °C below ambient temperature Heating: up to approx. 65 °C inner temperature
Weight:	2.8 kg (without power adapter)
Testing/certification:	<div></div>