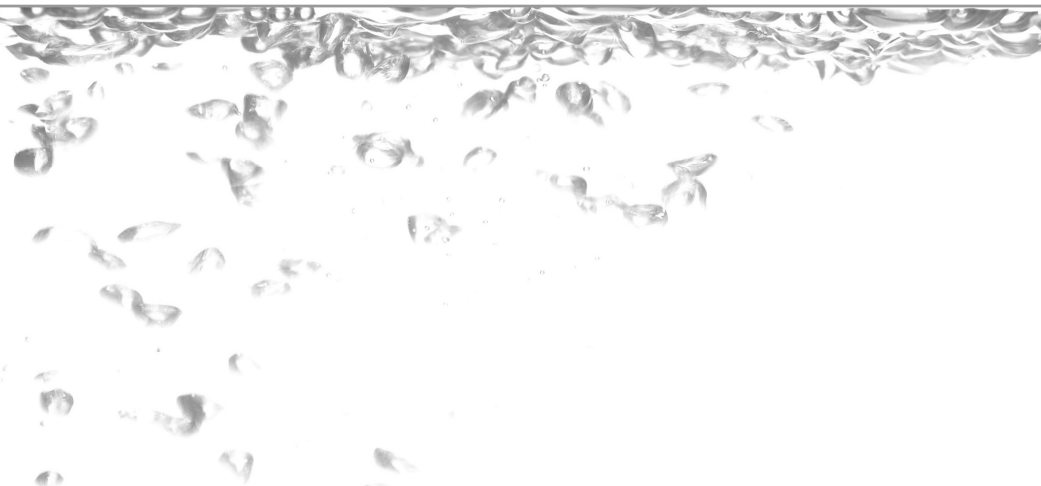




COOL BOX T08

Thermoelectric cooler
Instruction Manual

Please read these instructions carefully and follow all instructions, guidelines, and warnings included in this product manual in order to ensure that you install, use, and maintain the product properly at all times. These instructions MUST stay with this product.

By using the product, you hereby confirm that you have read all instructions, guidelines, and warnings carefully and that you understand and agree to abide by the terms and conditions as set forth herein. You agree to use this product only for the intended purpose and application and in accordance with the instructions, guidelines, and warnings as set forth in this product manual as well as in accordance with all applicable laws and regulations. A failure to read and follow the instructions and warnings set forth herein may result in an injury to yourself and others, damage to your product or damage to other property in the vicinity. This product manual, including the instructions, guidelines, and warnings, and related documentation, may be subject to changes and updates. For up-to-date product information, please visit documents.dometic.com.

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Please observe the following safety instructions.

1 Notes on using the instruction manual

The following symbols are used in this operating manual:



DANGER!

Safety instruction: Failure to observe this instruction can 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 device.



NOTE

Supplementary information for operating the device.

➤ **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.

Please observe the following safety instructions.

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.
- This device may only be repaired by qualified personnel. Improper repairs can lead to considerable hazards.
- Persons whose physical sensory or mental capacities prevent them from using this device safely should not operate it without the supervision of a responsible adult.
- **Electrical devices are not toys.**
Always keep and use the device out of the reach of children.
- Children must be supervised to ensure that they do not play with the device.
- 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.



CAUTION!

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



NOTICE!

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

2.2 Operating the device safely



DANGER!

- Do not touch exposed cables with your bare hands.



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 slots 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 Intended use

The cooling device is suitable for cooling foodstuffs.

The device is also able to heat using the additional heating feature.

The device is designed for use with a DC electric socket of a vehicle (such as a cigarette lighter), boat or caravan (see voltage specification on the type plate).

The appliance may also be used for camping use. The appliance shall not to be exposed to rain.



CAUTION! Health hazard!

If you wish to cool medicines, please check if the cooling capacity of the device is suitable for the medicine in question.



NOTE

To operate the device using a 230 V AC mains supply, we recommend using a rectifier.

4 Accessories

Available as accessory (not included in scope of delivery):

Designation	Description
Y24	24/12 DC/DC converter for connecting 12-V --- cooling device to 24 V ---
Y50	AC/DC mains rectifier for connecting the 12 V cooling unit to 230 V $\sim$

5 Technical description

The cooler is portable. It can cool items and keep them cool or heat items and keep them warm (with **the additional heating feature**) to max. 65 °C.

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

5.1 Optional accessories

The device is available in different versions. The version you bought may have the following additional features:

- **Heating**

The contents of your cooler can be warmed or kept warm to max. 65 °C.

- **ABS (activatable battery protection)**

An integrated battery monitor can be switched on to protect your vehicle battery from discharging to dangerously low levels.

- **Insulating lid**

The lightweight insulating lid can be used as an alternative to the unit lid when transporting. Make sure that the insulating lid does **not** cool.

- **Bottle hatch**

A single drinks bottle can be removed via the bottle hatch.

- **Additional pockets**

Pockets on the outside provide additional storage space. Note that objects stored in them are **not** cooled.

6 Operation



CAUTION! Health hazard!

Food may only be stored in its original packaging or in suitable containers.



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 chapter “Cleaning and maintenance” on page 10).
 - A few water drops may form inside the cooler if it has been cooling for a lengthy period. This is normal because the moisture in the air condenses to water when the temperature in the cooler falls. The cooler is not defective. Wipe it out with a dry cloth if necessary.
-

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.
- Remove individual drinks bottles through the bottle hatch, if present.

6.2 Using the cooler



NOTICE! Risk of damage

- Ensure that the objects placed in the cooler are suitable for cooling or heating (with the **additional heating feature**) to the selected temperature.
 - Ensure that food or liquids in glass containers are not excessively refrigerated. Liquids expand when they freeze and can therefore destroy the glass containers.
 - Ensure that your cooler is well ventilated so that any heat created can dissipate. Otherwise proper functioning cannot be ensured. It is especially important not to cover the air vents.
-


NOTE For coolers with fold in handles

If the handle is folded back or if the cooler is being carried, the lid is locked. You can only open the lid when the handle is folded forwards.

- Place the cooler on a firm base.

Coolers without the additional heating feature

- Connect the DC cable to the cigarette lighter or the DC socket in the vehicle.
- ✓ The cooler starts cooling the interior.
- To switch off the cooler, disconnect the plug.

Coolers with the additional heating feature

- Connect the DC cable to the cigarette lighter or the DC socket in the vehicle.
- Push the switch on the control panel to HOT or COLD to switch the cooler on.
- ✓ The indicators on the control panel show you the operating mode:

Operating display	Operating mode
Red	Heating
Green	Cooling

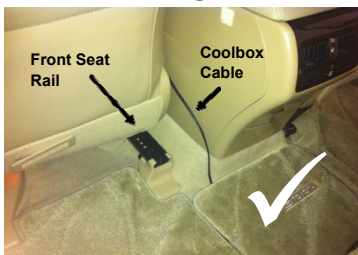
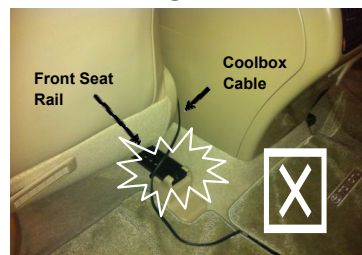
- ✓ The cooler starts cooling/heating the interior.
- To switch off the cooler,
 - slide the switch to the OFF position,
 - disconnect the plug.

6.3 Connecting to the cigarette lighter


NOTE

If you connect the cooler to the cigarette lighter, remember that the ignition must be turned on to supply it with power.

Please ensure that cable routing does not interfere with any moving parts, example Rear Seat Rail.

DO

DONT


7 Cleaning and maintenance



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.

8 Troubleshooting

Problem	Possible cause	Suggested remedy
Your device is not working (plug is inserted).	There is no voltage flowing from the DC socket (cigarette lighter) in your vehicle.	The ignition must be switched on in most vehicles to supply current to the cigarette lighter.
	The inner fan or the cooling element is defective.	This can only be repaired by an authorized repair center.
When operating from the DC socket (cigarette lighter): The ignition is on and the cooler is not working.	The fuse of the DC plug is dirty. This results in a poor electrical contact.	If the plug of your cooler becomes very warm in the DC socket fitting, either the fitting must be cleaned or the plug has not been assembled correctly.
	The fuse of the DC plug has blown.	Replace the fuse of the DC plug with one of the same rating.
	The vehicle fuse has blown.	Replace the vehicle's DC socket fuse (usually 15 A). Please refer to the operating manual of your vehicle.

9 Disposal

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



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

10 Technical data

Model	T08
Connection voltage	12 V
Power Consumption	32 W
Cooling Capacity	Max 18 °C below ambient temp.
Heating Capacity	Max 65 °C
Climate Class	T
Total Volume	8 L

