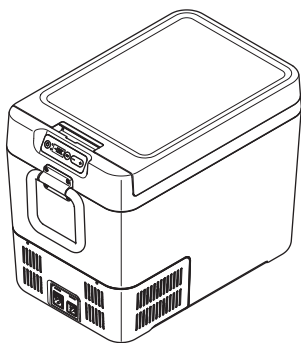


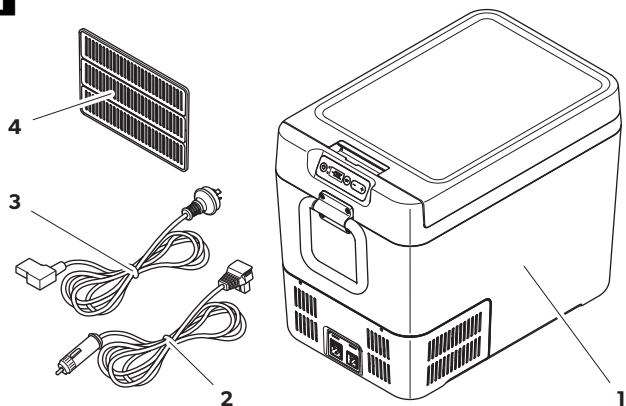
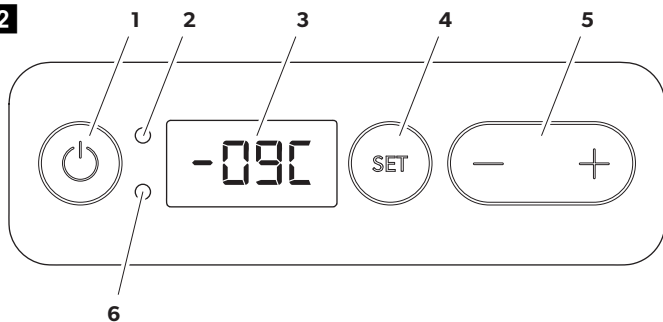


Operating manual

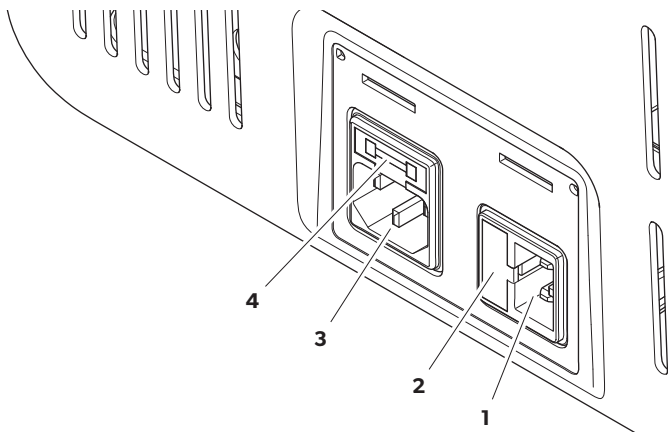
Cooler

XTM40

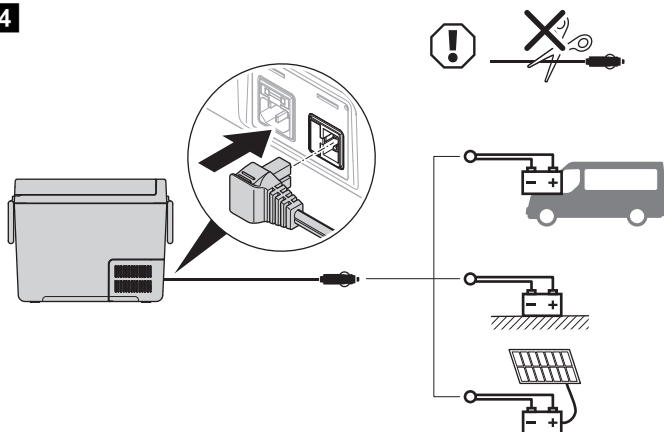
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1**2**

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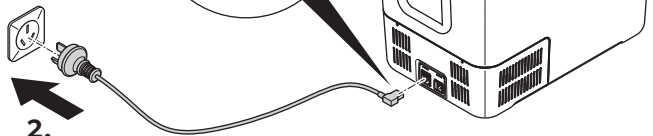
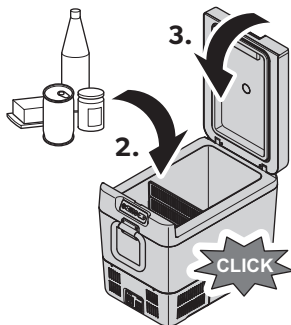
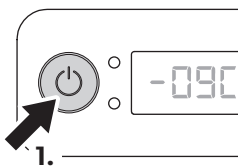


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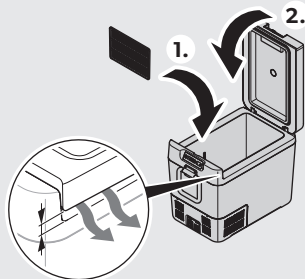
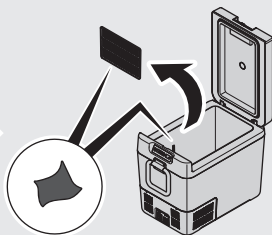
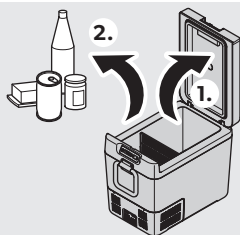
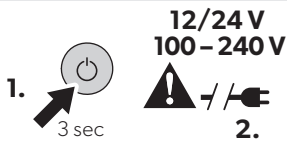


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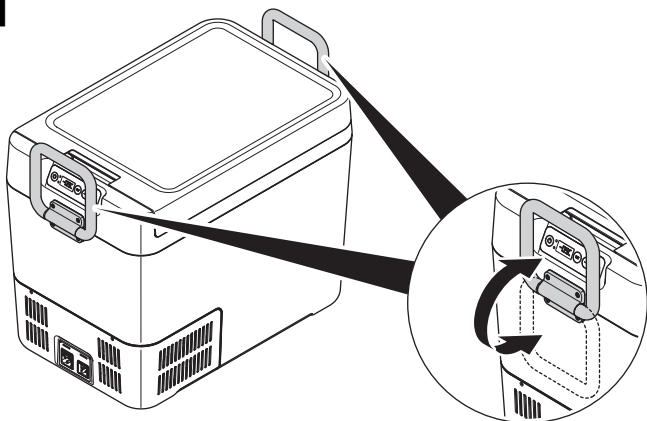
100 - 240 V~

**6**

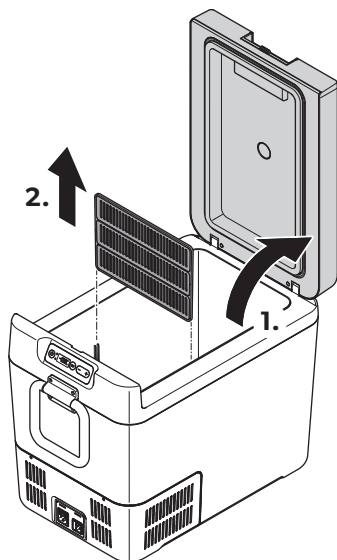
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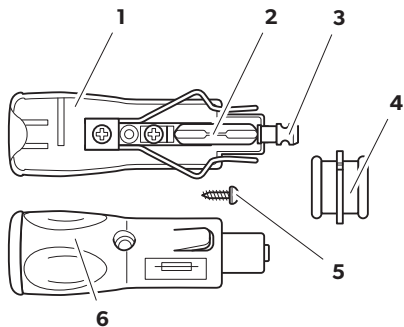


8



9



10

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, mobicool.com.

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1 Explanation of symbols



DANGER!

Safety instruction: Indicates a hazardous situation that, if not avoided, will result in death or serious injury.



WARNING!

Safety instruction: Indicates a hazardous situation that, if not avoided, could result in death or serious injury.



CAUTION!

Safety instruction: Indicates a hazardous situation that, if not avoided, could result in minor or moderate injury.

**NOTICE!**

Indicates a situation that, if not avoided, can result in property damage.

**NOTE**

Supplementary information for operating the product.

2 Safety instructions



DANGER! Failure to obey these warnings will result in death or serious injury.

Electrocution hazard

- On boats: If the device is powered by the mains, ensure that the power supply has a residual current device (RCD), a residual current circuit breaker (RCCB), or a ground fault circuit interrupter (GFCI). Installation, especially in potentially damp areas, must be in accordance with all applicable installation regulations.
- Do not touch exposed cables with your bare hands. This applies especially when operating the device from the AC mains.
- Before starting the device, ensure that the power supply line and the plug are dry.



WARNING! Failure to obey these warnings could result in death or serious injury.

Electrocution hazard

- Do not operate the cooling device if it is visibly damaged.
- If the cooling device's power cable is damaged, it must be replaced with a suitable power cable or assembly available from the manufacturer or its service agent to prevent safety hazard.
- This cooling device may only be repaired by qualified personnel. Improper repairs can lead to considerable hazards.
- Plug the device to sockets that ensure proper connection especially when the device needs to be earthed.

Fire hazard

- When positioning the device, ensure the supply cord is not trapped or damaged.
- Do not locate multiple portable socket-outlets or portable power supplies at the rear of the device.
- Keep the ventilation openings on the device housing or in installations free of obstructions.
- Do not use any mechanical objects or other means to speed up the defrosting process, unless they have been recommended by the manufacturer for this purpose.
- Do not open or damage the refrigerant circuit.

- Do not use electrical devices inside the cooling device unless they are recommended by the manufacturer for that purpose.

Health hazard

- This device 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 device by a person responsible for their safety.
- Children must be supervised to ensure that they do not play with the device.
- Cleaning and user maintenance must not be carried out by unsupervised children.

Explosion hazard

- Do not store any explosive substances such as spray cans with a flammable propellant in the cooling device.



CAUTION! Failure to obey these cautions could result in minor or moderate injury.

Electrocution hazard

- Before starting the cooling device, ensure that the power supply line and the plug are dry.
- Disconnect the cooling device from the power supply
 - Before each cleaning and maintenance
 - After every use

Health hazard

To avoid contamination of food, observe the following instructions:

- Check if the cooling capacity of the device is suitable for storing the food to be cooled.
- Food may only be stored in its original packaging or in suitable containers.
- Opening the cooling device for long periods of time can cause significant increase of the temperature in the compartments of the device.
- Clean regularly surfaces that can come in contact with food and accessible drainage systems.
- If the device is left empty for long periods:
 - Switch off the device.
 - Defrost the device.
 - Clean and dry the device.
 - Leave the lid open to prevent mold developing within the device.

**NOTICE! Damage hazard**

- Check that the voltage specification on the data plate corresponds to that of the energy supply.
- Only connect the cooling device to a DC power supply in the vehicle with the DC connection cable.

- Only connect the cooling device as follows:
 - With the DC connection cable to a DC power supply in the vehicle
 - Or with the AC connection cable to an AC power supply
- Connect the cooling device to an AC power supply with the AC connection cable.
- Never pull the plug out of the socket by the cable.
- Disconnect the cooling device and other power consuming devices from the battery before connecting a quick charging device.
- If the cooling device is connected to a DC outlet, disconnect the cooling device and other power consuming devices from the battery before connecting a quick charging device.
- Disconnect the cooling device or switch it off when turning off the engine. Otherwise the battery may be discharged.
- If the cooling device is connected to a DC outlet, disconnect the cooling device or switch it off when turning off the engine. Otherwise the battery may be discharged.
- The cooling device is not suitable for transporting caustic materials or materials containing solvents.
- The insulation of the cooling device contains flammable cyclopentane and requires special disposal procedures. Deliver the cooling device at the end of its life-cycle to an appropriate recycling center.
- Do not place the cooling device near naked flames or other heat sources (heaters, direct sunlight, gas ovens etc.).
- **Risk of overheating!**

Ensure at all times that there is a minimum of 50 mm ventilation on all sides of the cooling device. Keep the ventilation area free of any objects that could obstruct the air flow to the cooling components.

Do not use or store the cooling device in closed compartments or areas with none or minimal air flow.
- Do not fill the inner container with ice or fluids.
- Never immerse the cooling device in water.
- Protect the cooling device and cables against heat and moisture.
- The device shall not to be exposed to rain.

3 Scope of delivery

No in fig. 1, page 3	Description	Quantity
1	Cooler	1
2	DC connection cable	1
3	AC connection cable	1
4	Removable divider	1

4 Intended use

The cooler is suitable for cooling food. The cooler is also suitable for use on vehicles. The cooler is designed to be operated from a DC power supply socket of a vehicle or from an AC power supply.

The cooler is also suitable for camping use.

The cooler 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 cooler is **not** suitable for:

- Storage of corrosive, caustic or solvent-containing substances

This cooler is only suitable for the intended purpose and application in accordance with these instructions.

This manual provides information that is necessary for proper installation and/or operation of the cooler. Poor installation and/or improper operating or maintenance will result in unsatisfactory performance and a possible failure.

The manufacturer accepts no liability for any injury or damage to the product resulting from:

- Incorrect assembly or connection, including excess voltage
- Incorrect maintenance or use of spare parts other than original spare parts provided by the manufacturer
- Alterations to the product without express permission from the manufacturer
- Use for purposes other than those described in this manual

Dometic reserves the right to change product appearance and product specifications.

5 Technical description

The cooler can cool and freeze drinks and foods.

The cooler is portable.

When used on boats, the cooler can withstand a short-term inclination of 30 °.

The cooler has a three-level battery monitor to protect the connected battery and switches off automatically at low battery voltage. The cooler is equipped with a display that shows the temperature. The temperature can be set in steps of 1 °C (2 °F). The display can be set to 3 different brightness settings.

5.1 Operating and display elements (fig. 2, page 3)

Item	Description	Explanation
1		Switches the cooler on or off when the button is pressed for 1 – 2 seconds.
2	◦	Status indication
		LED lights up green: The compressor is on.
		LED lights up orange: The compressor is off.
		LED flashes orange: The display switched off automatically due to low battery voltage.
3		Display
4		Selects the input mode – Temperature setting – Celsius or Fahrenheit display – Set battery monitor – Set display brightness
5		Increases the temperature by 1 °C (2 °F) when the button is pressed once.
5		Decreases the temperature by 1 °C (2 °F) when the button is pressed once.
6	◦	The error LED flashes red: The cooler is switched on but is not ready for operation.

Power supply (fig. 3, page 4)

Item	Description
1	Connection socket DC voltage supply
2	DC fuse holder
3	Connection socket AC voltage supply
4	AC fuse holder

6 Operation

**CAUTION! Health hazard**

Ensure that the food and items placed in the cooler are suitable for cooling to the selected temperature.

**NOTICE! Damage hazard**

- Place the cooler so that it cannot fall down.
- Do not place the cooler on its side or upside down.
- Place the cooler on a surface strong enough to support the weight of the cooler and its contents.
- Ensure that food or liquids in glass containers are not excessively refrigerated. Liquids expand when they freeze and can therefore destroy glass containers.

**NOTICE! Risk of overheating**

- Ensure at all times that there is sufficient ventilation so that the heat that generated during operation can dissipate.
- Ensure that the ventilation slots are not covered.
- Ensure that the device is sufficiently far away from walls and other objects so that the air can circulate.

6.1 Before initial use

**NOTE**

For hygienic reasons clean the inside and outside of the cooler with a damp cloth before using it for the first time (see chapter "Cleaning and maintenance" on page 22).

6.2 Tips for operating

To avoid food waste, note the following:

- Keep temperature fluctuation as low as possible. Only open the cooling device as often and for as long as necessary. Store the foodstuff in such a way that the air can still circulate well.
- Adjust the temperature to the quantity and type of the foodstuff.
- Foodstuff can easily absorb or release odor or taste. Always store foodstuff covered or in closed containers/bottles.

6.3 Saving energy

- Choose a well ventilated location which is protected from direct sunlight.
- Allow warm food to cool down first before placing it in the cooling device to keep cool.
- Do not open the cooling device more often than necessary.
- Do not leave the cooling device open for longer than necessary.
- If the cooler has a basket: For optimal energy consumption, position the basket according to its position on delivery.
- On a regular basis, make sure the lid seal still fits properly.

6.4 Connecting the cooler



NOTICE! Damage hazard

Close the covers of the sockets that are not in use to prevent accidental contact with the sockets and to prevent dust, water and dirt from entering.

The cooler can be operated with DC or AC voltage.

For safety reasons the cooler is equipped with an electronic system to prevent polarity reversal. This protects the cooler against short-circuiting when connecting to a battery.

Connecting to a battery



NOTICE! Damage hazard

- For protection of the device the DC cable supplied includes a fuse inside the plug. Do **not** remove the fused DC plug. Only use the DC cable supplied.
- Disconnect the cooler and other consumer units from the battery before connecting the battery to a quick charging device. Over voltage can damage the electronics of the cooler.

► Connect the cooler to a battery (fig. **4**, page 4).

Connecting to an AC power supply



DANGER! Electrocution hazard

- Never handle plugs and switches with wet hands or if standing on a wet surface.
- If the cooler is operated on AC power supply on board a boat, a residual current circuit breaker must be installed between the AC power supply and the cooler.
Contact an authorized service agent.

- Connect the cooler to an AC power supply (fig. **5**, page 5).

6.5 Using the cooler



NOTE

When the battery voltage is too low, the display of the cooler automatically turns off and the status indicator (fig. **2**, 2, page 3) flashes.

Switching on

- Switch the cooler on (see fig. **6**, page 5).
- ✓ The status indicator (fig. **2**, 2, page 3) lights up.
 - ✓ The display switches on and shows the current temperature.
 - ✓ The cooler starts cooling the interior.

Switching off

1. Switch the cooler off (see fig. **7**, page 6).
2. Unplug the cooler.
3. Remove the contents of the cooler.
4. If necessary, place the contents in another cooler to keep it cold.
5. Clean the cooler if it is not in use (chapter “Cleaning and maintenance” on page 22).

6.6 Using the battery monitor

The cooler is equipped with a multi-level battery monitor that protects the vehicle battery against excessive discharging when the cooler is connected to the DC power supply.

If the cooler is operated when the vehicle ignition is switched off, the cooler switches off automatically as soon as the supply voltage falls below a set level. The cooler will switch back on once the vehicle battery has been recharged to the restart voltage level.



NOTICE! Damage hazard

If the cooler is switched off by the battery monitor, the vehicle battery is no longer fully charged.

- Avoid repeated starting and switching off of the vehicle engine before longer charging phases.
- Ensure that the vehicle battery is recharged before switching the cooler back on.

If the battery monitor mode “HIGH” is activated, the battery monitor responds faster than at the modes “LOW” and “MED” (see the following table).

Battery monitor mode	LOW	MED	HIGH
Switch-off voltage at 12 V	10.1 V	11.2 V	11.8 V
Restart voltage at 12 V	11.4 V	12.2 V	12.6 V
Switch-off voltage at 24 V	21.5 V	24.1 V	24.6 V
Restart voltage at 24 V	23.0 V	25.3 V	26.2 V

Proceed as follows to select the battery monitor mode:

1. Press the  button to switch the cooler on.
 2. Press the  button 3 times.
 3. Use the  and  buttons to select the battery monitor mode.
- ✓ The selected mode appears in the display for a few seconds.
 - ✓ The display flashes several times before returning to the current temperature.



NOTE

- If the cooler is connected to a vehicle battery, select the battery monitor mode “HIGH”.
- If the cooler is connected to a supply battery, use the battery monitor mode “LOW”.

6.7 Selecting the temperature units

The temperature on the display can be switched between Celsius and Fahrenheit.

1. Press the  button to switch the cooler on.
 2. Press the  button twice.
 3. Use the  and  buttons to select Celsius or Fahrenheit.
- ✓ The selected temperature units appear in the display for a few seconds.
 - ✓ The display flashes several times before returning to the current temperature.

6.8 Setting the temperature

1. Press the  button once.
 2. Use the  and  buttons to select the cooling temperature.
- ✓ The cooling temperature appears in the display for a few seconds.
 - ✓ The display flashes several times before returning to the current temperature.

6.9 Setting the display brightness

The display brightness can be dimmed and brightened.

1. Press the  button to switch the cooler on.
 2. Press the  button four times.
 3. Use the  and  buttons to set the display brightness.
- ✓ The display flashes several times before returning to the current temperature.

6.10 Using the handles

The cooler can be transported by its handles.

- Use the handles as shown in fig. **8**, page 7.

6.11 Using the removable divider

The cooler has a removable divider.

The removable divider can be used for separating and for the safe standing of food.

The removable divider can be removed for food that needs more space.

- Remove or insert the removable divider (see fig. **9**, page 8).

6.12 Defrosting the cooling device

Humidity can form frost in the interior of the cooling device. This reduces the cooling capacity.



NOTICE! Damage hazard

Never use hard or pointed tools to remove ice or to loosen objects which have frozen in place.

To defrost the cooling device, proceed as follows:

1. Remove the contents of the cooling device.
2. If necessary, place them in another cooling device to keep them cold.
3. Switch off the cooling device.
4. Leave the lid open.
5. Wipe off defrost water.

6.13 Replacing the AC fuse

1. Disconnect the power supply to the cooler.
2. Unplug the connection cable.
3. Pry out the fuse insert (fig. **3** 4, page 4) with a screwdriver.
4. Replace the defective glass fuse with a new one of the same type and rating (4 A, 250 V).
5. Press the fuse insert back into the housing.
6. Reconnect the power supply to the device.

6.14 Replacing the cooler DC fuse

1. Disconnect the power supply to the cooler.
2. Unplug the connection cable.
3. Pry out the fuse cover (fig. **3** 2, page 4) with a screwdriver.
4. Reverse the fuse cover and use hook to remove the defective blade fuse.
5. Insert a new fuse of the same type and rating (automotive standard blade fuse, 10 A).
6. Re-fit the fuse cover.

6.15 Replacing the DC plug fuse (fig. 10, page 9)

**NOTICE! Damage hazard**

Replace the defective fuse with a new fuse of the same type and rating (8 A 32 V)

1. Disconnect the power supply to the cooler.
2. Pull the adapter sleeve (4) off the plug.
3. Unscrew the screw (5) from the upper part of the housing.
4. Remove the upper part of the housing (1) from the lower part of the housing (6).

**NOTE**

Ensure that no parts fall out of the DC plug.

5. Remove the contact pin (3).
6. Replace the defective fuse (2).
7. Reassemble the DC plug in the reverse order.

7 Cleaning and maintenance

**NOTICE! Damage hazard**

- 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
The cooler does not function. The status indicator (fig. 2, 2, page 3) does not light up.	No voltage was detected in the power outlet.	➤ Ensure that the ignition is switched on so that power is applied to the DC socket.
	The supply cord is defective.	➤ Contact an authorized service agent.
The cooler does not cool even though the plug is inserted and the status indicator (fig. 2, 2, page 3) is lighting up.	The compressor is defective.	➤ Contact an authorized service agent.
The cooler does not cool and the display is switched off even though the plug is inserted and the status indicator (fig. 2, 2, page 3) flashes.	The vehicle battery voltage is too low.	➤ Ensure the battery is not defective. ➤ Charge the battery if necessary.
	The DC power socket is dirty. This results in a poor electrical contact. The fuse of the DC plug has blown. The vehicle fuse has blown.	➤ Clean the DC socket. ➤ Ensure the plug is mounted correctly.
When operating from the DC power outlet: The cooler does not work and the status indicator (fig. 2, 2, page 3) does not light up even through the ignition is switched on.		➤ Replace the DC plug fuse (8 A), see chapter "Replacing the AC fuse" on page 21.
		➤ Replace the vehicle's DC power socket fuse (15 A). Refer to the vehicle's operating manual.
The display shows an error message and the cooler does not cool.	The cooler has switched off due to an internal fault.	➤ Contact an authorized service agent.
The display does not respond to keystrokes.	The display or the buttons are defective.	➤ Contact an authorized service agent.

9 Warranty

The product comes with a 2 year(s) warranty which is covered by Dometic Australia Pty Ltd as per Dometic Australia's standard warranty terms and conditions and supported by Dometic Australia's service network.

If the product is defective, call the number below or a Dometic service agent directly (find your nearest service agent at dometic.com). Alternatively, call your retailer.

For repair and warranty processing, please include the following documents when you send in the device:

- A copy of the receipt with purchasing date
- A reason for the claim or description of the fault

For service/technical enquiries: ☎ 1800 212121

Australia only

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

New Zealand only

This warranty policy is subject to the conditions and guarantees which are mandatory as implied by the Consumer Guarantees Act 1993(NZ).

10 Disposal



- Place the packaging material in the appropriate recycling waste bins wherever possible.
- Consult a local recycling center or specialist dealer for details about how to dispose of the product in accordance with the applicable disposal regulations.

Recycling products with non-replaceable batteries, rechargeable batteries or light sources



- If the product contains any non-replaceable batteries, rechargeable batteries or light sources, you don't have to remove them before disposal.
- If you wish to finally dispose of the product, ask your local recycling center or specialist dealer for details about how to do this in accordance with the applicable disposal regulations.
- The product can be disposed free of charge.

11 Technical data

	XTM40
Connection voltage	12/24 V== 100 to 240 V
Rated current	12 V: 6 A 24 V: 2.6 A 240 V: 0.6 A
Cooling capacity	-18 °C to +10 °C
Total volume	40 l
Climate class	N, T
Refrigerant	R134a
Ambient temperature	+16 °C to 43 °C
Refrigerant quantity	30 g
CO ₂ equivalent	0.0429
Global warming potential (GWP)	1430
Dimensions (W x H x D) Handles up Handles down	374 x 519 x 616 mm 374 x 461 x 616 mm
Weight	12.8 kg
Certifications	



NOTE

If the ambient temperature is above +32 °C, the minimum temperature inside the cooler cannot be attained.

This product contains fluorinated greenhouse gases.

The cooling unit is hermetically sealed.

For service/technical enquiries: ☎ 1800 212121