

↔ DOMETIC

MOBILE COOLING

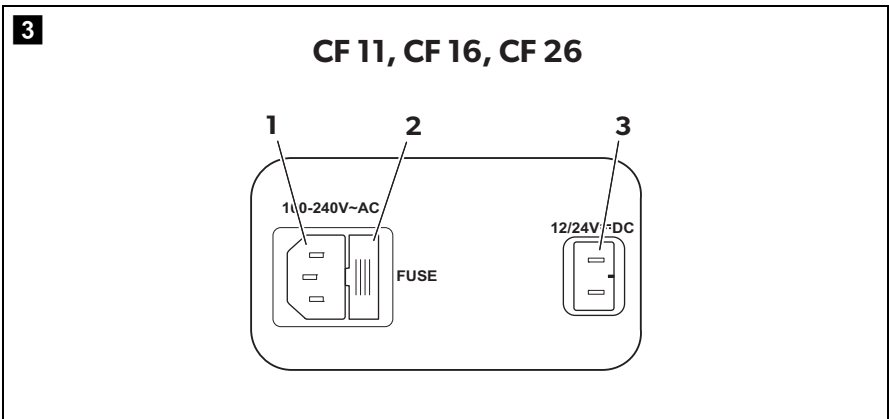
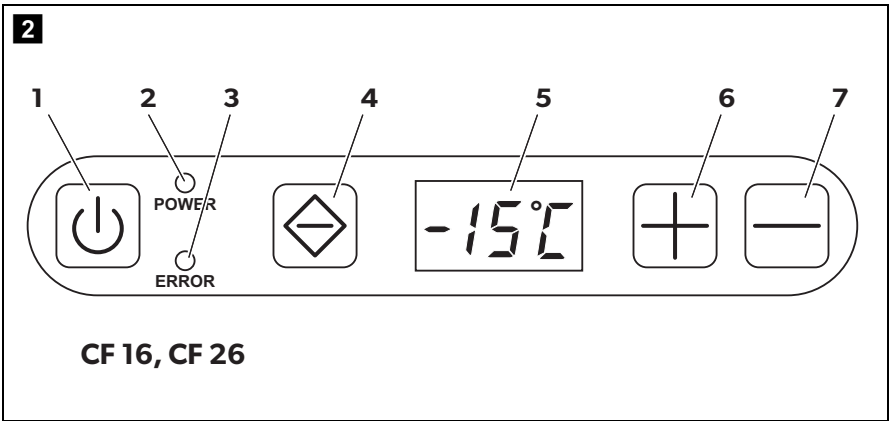
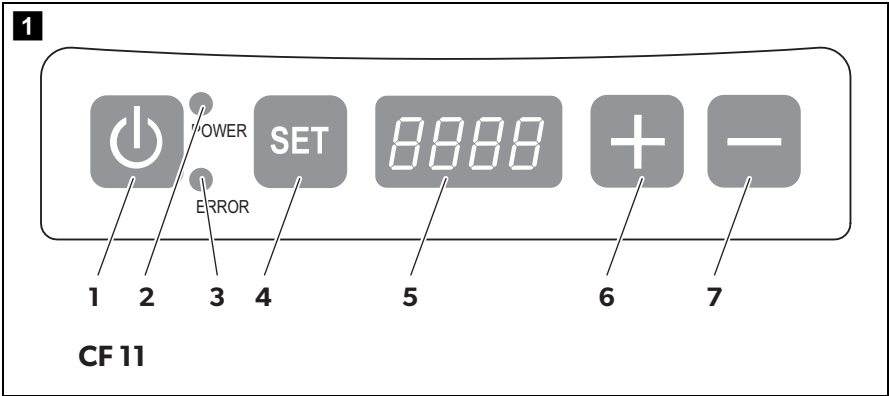
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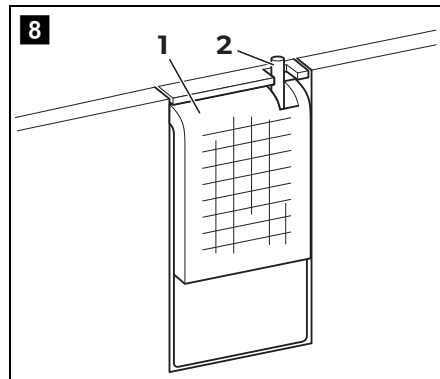
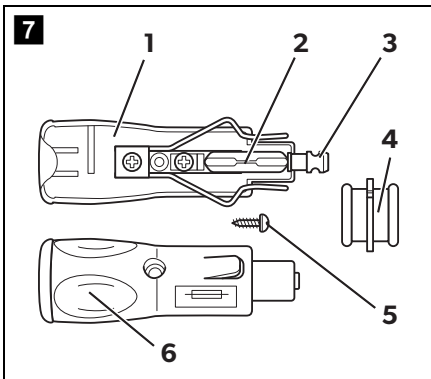
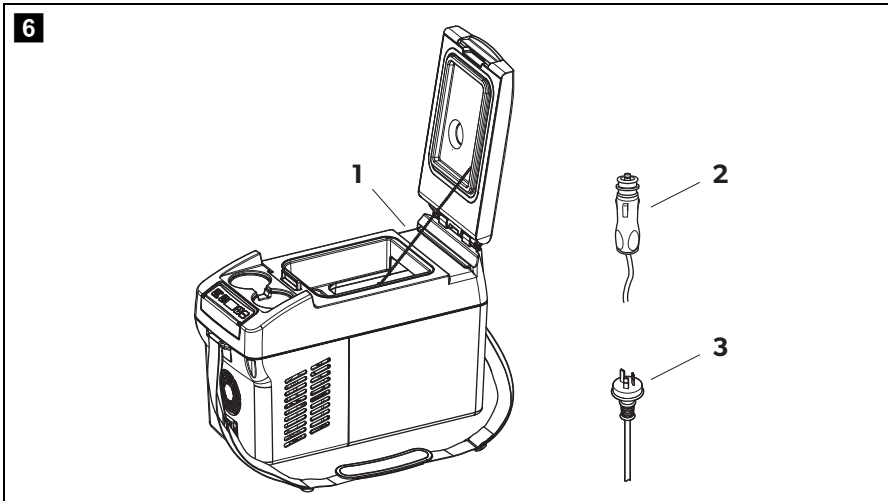
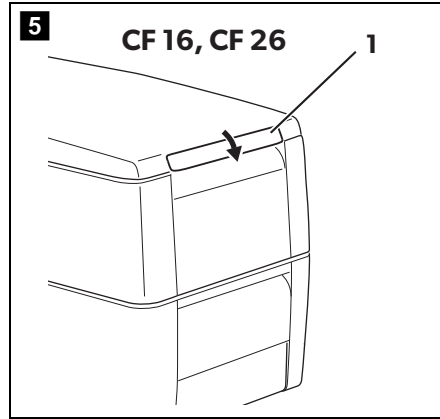
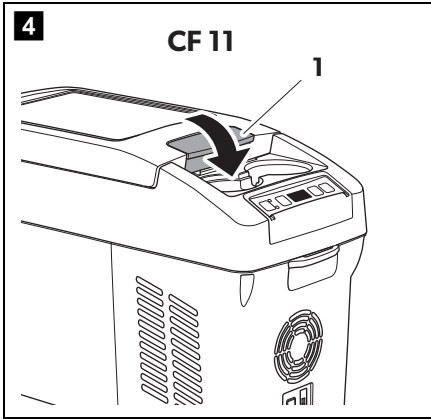


CF11, CF16, CF26

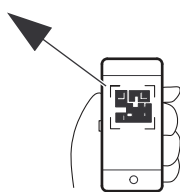
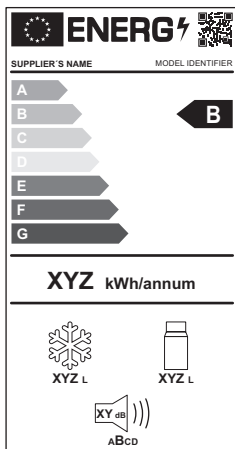
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DE	Mobiles Kühlgerät Bedienungsanleitung 23	FI	Siirrettävä kylmäsäilytyslaite Käyttöohje 181
FR	Appareil de réfrigération mobile Notice d'utilisation 41	RU	Мобильное охлаждающее устройство Инструкция по эксплуатации 197
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Please 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 www.domestic.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



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 this cooling device's power cable is damaged, it must be replaced to prevent safety hazards.
- This cooling device may only be repaired by qualified personnel. Improper repairs can lead to considerable hazards.

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.

Health hazard

- This device can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the device in a safe way and understand the hazards involved.
- Children shall not play with the device.
- Cleaning and user maintenance shall not be made by children without supervision.
- Children aged from 3 to 8 years are allowed to load and unload cooling devices.

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

- Please check if the cooling capacity of the device is suitable for storing the food or medicine you wish to cool.
- Food may only be stored in its original packaging or in suitable containers.
- Opening the cooling device for long periods 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 mould developing within the device.



NOTICE! Damage hazard

- Check that the voltage specification on the type plate corresponds to that of the energy supply.
- 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
- Never pull the plug out of the socket by the cable.
- 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.
- If the cooling device is connected to a DC outlet: Disconnect the cooling device 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.

- Do not use electrical devices inside the cooling device unless they are recommended by the manufacturer for the purpose.
- 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 four sides of the cooling device. Keep the ventilation area free of any objects that could restrict the air flow to the cooling components. Do not place the cooling device in closed compartments or areas with none or minimal air flow.
- Ensure that the ventilation openings are not covered.
- 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

- Compressor cooler
- Connection cable for DC connection
- Connection cable for AC connection
- Operating manual
- Shoulder strap (CF11)

4 Intended use

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

The cooling box is suitable for camping use.

The cooling box is not suitable for:

- storage of corrosive, caustic or solvent-containing substances
- freezing of food

This cooling box is not intended to be used as a built-in appliance.

This cooling box 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 cooling box. 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

A low maintenance refrigerant circuit with compressor provides the cooling.

The cooler is portable.

For use in vehicles, the cooling device can be secured with a safety belt (CF11).

The cooler can withstand a short-term inclination of 30°, for example on boats.

An integrated battery monitor can be switched on to protect your vehicle battery from discharging to dangerously low levels (see chapter “Using the battery monitor” on page 16).

5.1 Operating and display elements

Control panel (fig. 1, page 3 and fig. 2, page 3)

Item	Description	Explanation
1	ON/OFF button	Switches the cooling device on or off when the button is pressed for between one and two seconds

Item	Description	Explanation	
2	POWER	Operating display	
		LED lights up green	Compressor is on; set temperature not yet reached
		LED lights up orange	Set temperature has been reached
		LED flashes orange	Voltage is too low
3	ERROR	LED flashes red: Device is switched on but not ready for operation	
4	SET	Selects the input mode <ul style="list-style-type: none"> • Setting the temperature • Set temperature unit (°Celsius or °Fahrenheit) • Set the battery monitor 	
5	Display	Displays the temperature in the refrigerator compartment The first three digits of the four-digit display show the temperature, the fourth digit indicates the temperature unit (°C or °F). When an error occurs, the display shows "Err1" or "Err2".	
6	+	Press once to increase the selected value	
7	-	Press once to decrease the selected value	

Connection sockets (fig. 3, page 3)

Item	Description
1	AC voltage supply inlet
2	AC Fuse holder
3	DC voltage supply inlet

6 Operation



WARNING! 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.



NOTICE! Damage hazard

The lamp can only be replaced by the manufacturer, a service agent or similarly qualified person to avoid hazard.

The cooling device is equipped with an LED interior light that remains on when the voltage is applied. The energy consumption of the LED interior light is extremely low and is negligible compared to the total energy consumption of the device.

To avoid food waste, note the following:

- Keep temperature fluctuation as low as possible. Only open the cooling box 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.

6.1 Before initial use



NOTE

Before starting your new cooler for the first time, you should clean it inside and outside with a damp cloth for hygienic reasons (see also chapter "Cleaning and maintenance" on page 19).

6.2 Energy saving tips

- Choose a well ventilated location which is protected from 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 lid open for longer than necessary.
- Defrost the cooling device as soon as a layer of ice forms.
- Avoid unnecessarily low temperature settings.

6.3 Locking the cooling device

- Close the lid.
- Press the latch (fig. **4** or fig. **5** 1, page 4) down, until it latches in place audibly.

6.4 Connecting the cooling device

The cooler can be operated with

12 V \equiv or 24 V \equiv or 100 – 240 V \sim .



NOTICE! Danger of Damage!

- Disconnect the cooler and other consumer units from the battery before you connect the battery to a quick charging device.
- Overvoltage can damage the electronics of the device.

- Place the cooler on a firm base.
Make sure that the ventilation slots are not covered and that the heated air can be dissipated.

Connecting to a battery (vehicle or boat)



NOTICE!

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.



NOTE

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

- Plug the DC connection cable (fig. **6** 2, page 4) into the DC voltage inlet of the cooler (fig. **3** 3, page 3).
- Connect the connection cable to the DC power outlet.

Connecting to an AC power supply (e.g. at home or in the office)



DANGER! Danger of electrocution

- Never handle plugs and switches with wet hands or if you are standing on a wet surface.
- If you are operating your cooler on board a boat with an AC power supply, you must install a residual current circuit breaker between the power supply and the cooler.
Seek advice from a trained technician.

The coolers have an integrated multi-voltage power supply with priority circuit for connecting to an AC voltage source. The priority circuit automatically switches the cooler to AC operation, if the device is connected to an AC power supply, even if the DC connection cable is still attached.

- ▶ Plug the AC connection cable (fig. **6** 3, page 4) into the AC voltage socket of the cooler (fig. **3** 1, page 3).
- ▶ Connect the connection cable to the AC power outlet.

6.5 Secure the cooling device in the vehicle (CF11)

- ▶ Open the lid of the cooling device.
- ▶ Place the safety strap into the guide (fig. **6** 1, page 4) of the cooling device.
- ▶ Close the lid.
- ▶ Engage the safety strap and tighten it.

6.6 Switching on the cooling device



NOTICE! Risk of damage!

- Always ensure sufficient ventilation so that the heat generated during operation can dissipate. Ensure that the ventilation slots are not covered. Make sure that the device is sufficiently far away from walls and other objects so that the air can circulate.
- Ensure that the items placed in the cooler are suitable for cooling to the selected temperature.
- Disconnect the cooler and other electric consumers from the battery before you connect the battery to a quick charging device. Overvoltage can damage the electronics of the device.

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

fig. 1, page 3, fig. 2, page 3

- ▶ Press the ON/OFF button **(1)** for three seconds.
- ✓ The "POWER" LED **(2)** is lit green.
Once the cooling device has reached the saved temperature, the LED lights up orange.
- ✓ The display **(5)** switches on and shows the current interior temperature.
- ✓ The cooler starts cooling the interior.

6.7 Setting the temperature

fig. 1, page 3, fig. 2, page 3

- ▶ Press the "SET" **(4)** button once.
- ▶ Use the "+" **(6)** and "-" **(7)** buttons to set the cooling temperature.
- ✓ The set cooling temperature then appears in the display for a few seconds. The display flashes several times before it returns to the current temperature.

6.8 Selecting the temperature unit

fig. 1, page 3, fig. 2, page 3

You can switch the temperature display between Celsius and Fahrenheit. To do this, proceed as follows:

- ▶ Switch on the cooler.
- ▶ Press the "SET" button **(4)** twice.
- ▶ Use the "+" **(6)** or "-" **(7)** buttons to set the temperature unit °Celsius or °Fahrenheit.
- ✓ The selected temperature unit then appears in the display for a few seconds. The display flashes several times before it returns to the current temperature.

6.9 Using the battery monitor



NOTICE! Beware of damage

When switched off by the battery monitor, the battery will no longer be fully charged. Avoid starting repeatedly or operating electric consumers without longer charging phases. Make sure that the battery is recharged.

The cooling device is equipped with a multi-level battery monitor that protects your vehicle battery against excessive discharging when the device is connected to the 12 V vehicle electrics.

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 battery has been recharged to the restart voltage level.



NOTE

When the cooling device is switched off by the battery monitor due to low voltage, the display (fig. **1** 5, page 3, fig. **2** 5, page 3) switches off and the "Power" LED (fig. **1** 2, page 3, fig. **2** 2, page 3) flashes orange.

In HIGH mode, the battery monitor responds faster than at the levels "LOW" and "MED" (see the following table).

Battery monitor mode	LOW	MED	HIGH
Cut-off voltage at 12 V	10.1 V	11.4 V	11.8 V
Cut-in voltage at 12 V	11.1 V	12.2 V	12.6 V
Cut-off voltage at 24 V	21.5 V	24.1 V	24.6 V
Cut-in voltage at 24 V	23.0 V	25.3 V	26.2 V

This is how to select the battery monitor mode (fig. **1**, page 3 and fig. **2**, page 3):

- Switch on the cooler.
- Press the "SET" button (**4**) three times.
- Use the "+" (**6**) and "-" (**7**) buttons to select the battery monitor mode.
- ✓ The selected mode then appears in the display for a few seconds. The display flashes several times before it returns to the current temperature.

**NOTE**

When the cooler is supplied by the starter battery, select the battery monitor mode HIGH. When the cooler is connected to a supply battery, the battery monitor mode LOW will suffice.

If you wish to operate the cooling device from the AC mains, set the battery monitor to LOW.

6.10 Switching off the cooling device

fig. **1**, page 3, fig. **2**, page 3

- Empty the cooling device.
- Switch the cooling device off: Press the ON/OFF button **(1)** for three seconds.
- Disconnect the plug.

If you do not want to use the cooling device for a longer period of time:

- Leave the lid slightly open. This prevents odours from building up.

6.11 Defrosting the cooling device

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

Defrost the device in good time to avoid this.

**NOTICE! Risk of damage to the device!**

Never use hard or sharp tools to remove ice or to free objects frozen onto the device.

To defrost the cooling device, proceed as follows:

- Empty the contents.
- If necessary, put them in another cooling device to keep them chilled.
- Switch off the device.
- Leave the lid open.
- Wipe off the condensate.

6.12 Replacing the AC fuse



DANGER! Danger of electrocution!

Disconnect the connection cable before you replace the device fuse.

- ▶ Remove the connection cable.
- ▶ Pry out the fuse insert (fig. **3** 2, page 3) with a screwdriver.
- ▶ Replace the defective fuse with a new one that has the same rating (T4AL 250 V).
- ▶ Press back the fuse insert into the housing.

6.13 Replacing the plug fuse (12/24 V)

fig. **7**, page 4

- ▶ Pull the adapter sleeve (**4**) off of the plug.
- ▶ Unscrew the screw (**5**) out of the upper half of the housing (**6**).
- ▶ Carefully lift the upper half of the housing off the lower half (**1**).
- ▶ Take out the contact pin (**3**).
- ▶ Replace the defective fuse (**2**) with a new one that has the same rating (T8 A 32 V).
- ▶ Re-assemble the plug in the reverse order.



NOTE – Internal DC fuse

There is an additional DC fuse inside the device (Automotive standard blade fuse, 10 A). This fuse can only be replaced by an authorised repair centre.

6.14 Replacing the bulb (CF16, CF26)

- ▶ Press the switch pin (fig. **8** 2, page 4) downwards so that the transparent part (fig. **8** 1, page 4) of the lamp can be removed at the front.
- ▶ Replace the light bulb.
- ▶ Press the transparent part of the lamp back into the housing.

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

Problem	Possible cause	Suggested remedy
Device does not function, "POWER" LED does not light up.	No voltage is flowing from the DC power socket in your vehicle.	The ignition must be switched on in most vehicles to supply current to the on-board power socket. Try using another plug socket.
	No voltage present in the AC voltage socket.	Replace the device fuse, see chapter "Replacing the AC fuse" on page 18.
	The device fuse is defective.	
	The integrated mains adapter is defective.	This can only be repaired by an authorised repair centre.
CF11, CF26: The device does not cool (plug is inserted, "POWER" LED is lit).	Defective compressor.	This can only be repaired by an authorised repair centre.
CF11, CF16: The device does not cool (plug is inserted, "POWER" LED flashes, display is empty).	The voltage is too low at the 12/24 V socket.	Check the battery and charge if necessary. Check the cables and connections.

Problem	Possible cause	Suggested remedy
When operating from the DC outlet: The ignition is on and the device is not working and the "POWER" LED is not lit.	The DC outlet is dirty. This results in a poor electrical contact.	If the plug of your cooler becomes very warm in the DC outlet, either the DC outlet must be cleaned or the plug has not been assembled correctly.
	The fuse of the DC plug has blown.	Replace the fuse in the DC plug, see chapter "Replacing the plug fuse (12/24 V)" on page 18.
	The DC fuse inside the device has blown.	This can only be repaired by an authorised repair centre.
	The vehicle fuse has blown.	Replace the vehicle's DC outlet fuse. Please refer to your vehicle's operating manual.
CF11: The "ERROR" LED flashes and the display shows "ERR1" or "ERR2".	The appliance has switched off due to an internal fault.	This can only be repaired by an authorised repair centre.
CF16: The display shows an error message (e.g. "Err1") and the device does not cool.		
CF26: "ERROR" LED flashes for longer than 2 minutes, as follows: 3 flashes, pause, 3 flashes, pause, ..		

9 Warranty

The statutory warranty period applies. If the product is defective, please contact the manufacturer's branch in your country (see dometic.com/dealer) or 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

10 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.

11 Technical data

	CF11	CF16	CF26
Voltage:	12/24 V \equiv and 100 – 240 V \sim		
Power consumption:	30 W	35 W	35 W
Rated current:			
100 V \sim :	0,5 A	0,5 A	0,5 A
240 V \sim :	0,2 A	0,2 A	0,2 A
12 V \equiv :	2,2 A	2,9 A	2,9 A
24 V \equiv :	1,3 A	1,7 A	1,7 A
Cooling range:	+20 °C to –18 °C		
Climate class:	N or T		
Ambient temperature:	+16 °C to +43 °C		
Refrigerant quantity:	28 g	30 g	28 g
CO ₂ equivalent:	0,040 t	0,043 t	0,040 t
Global warming potential (GWP):	1430		
Dimensions (W x H x D):	235 x 358 x 540 mm	549,5 x 366 x 260 mm	550 x 425 x 260 mm

	CF11	CF16	CF26
Weight:	8,5 kg	9,5 kg	10,5 kg
Inspection/certification:	  	 	



NOTE

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

The refrigerant circuit contains R134a.

Contains fluorinated greenhouse gases

Hermetically sealed equipment

Further product information can be accessed via QR code on the energy label in the figures or via eprel.ec.europa.eu.