^> DOMETIC

PORTABLE REFRIGERATION CFX SERIES



CFX100W

EN

Compressor Fridge/Freezer

Operating manual

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



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.

2 Safety instructions

2.1 General safety



WARNING!

- Do not operate the cooling device if it is visibly damaged.
- If this cooling 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 cooling device may only be repaired by qualified personnel. Improper repairs can lead to considerable hazards.
- This cooling 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 cooling 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 cooling device.
- Children must be supervised to ensure that they do not play with the cooling device.
- Always keep and use the cooling 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 cooling device.



CAUTION!

- Disconnect the cooling device from the power supply
 - 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 cooling device as follows:
 - With the DC connection cable to a DC power supply
 - Or with the AC connection cable to an AC power supply

Safety instructions CFX100W

- Never pull the plug out of the socket by the cable.
- If the cooling device is connected to the DC power supply: Disconnect the cooling device and other power consuming devices from the battery before connecting a quick charging device.
- 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.

2.2 Operating the cooling device safely



CAUTION!

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



NOTICE!

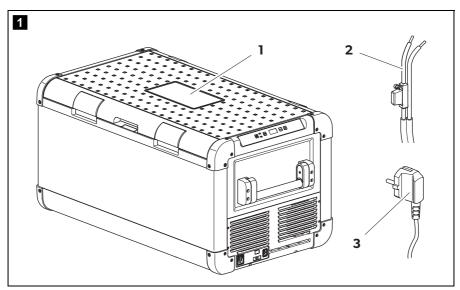
- Do not use electrical devices inside the cooling device unless they are recommended by the manufacturer for the purpose.
- Do not place the cooling device near naked flames or other heat sources (heaters, direct sunlight, gas ovens etc.).

• 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 cooling 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 cooling device in water.
- Protect the cooling device and the cable against heat and moisture.

3 Scope of delivery



Item	Quantity	Description
1	1	Cooler
2	1	Connection cable for DC connection
3	1	Connection cable for AC connection
-	1	Operating manual

4 Accessories

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

Designation	Ref. no.
Insulated protective cover CFX-IC95100	9108300206
Fridge slide CFX-SLD95/100	9105306558
Fridge stand (up to 80 kg load)	9108400101

Visit the Dometic website (see back page) for information about a WiFi app with control-, display- and alarm functions.

Intended use CFX100W

5 Intended use

The cooler is suitable for cooling and freezing foods.

The cooler is designed to be operated from:

- a DC auxiliary battery
- an AC power supply

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



CAUTION! Health hazard!

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

6 Function description

The cooler can chill products, keep them cool as well as freeze them. A low maintenance refrigerant circuit with compressor provides the cooling. The generous insulation and powerful compressor ensure efficient and fast cooling.

The cooler is portable.

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



NOTE

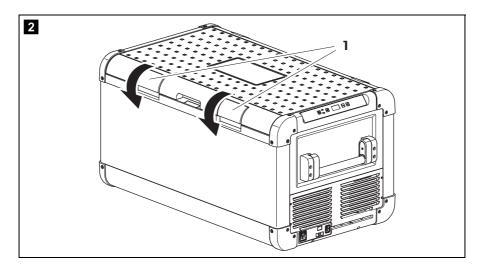
The cabinet top surface under the lid gasket may feel warm. This is normal as heating is included to prevent condensation.

6.1 Scope of functions

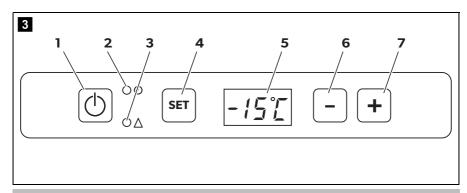
- Power supply with priority circuit for connecting to the AC mains
- Three-level battery monitor to protect the battery
- Display with temperature gauge in °C and °F switches off automatically at low battery voltage
- Temperature setting: With two buttons in steps of 1 °C (2 °F)
- Integrated WiFi transmitter hence controllable using an app
- Foldable carrying handles
- USB port for power supply
- Emergency switch (where fitted)
- Removable wire basket

6.2 Operating and display elements

Lid Latches

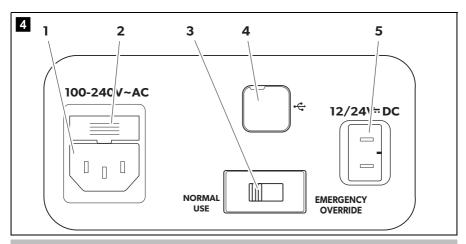


Operating panel



Item	Description	Explanation	
1	ON OFF	Switches the cooler on or off when the button is pressed for between one and two seconds	
2	POWER " ٺ "	Status indication	
		LED lights up green:	Compressor is on
		LED lights up orange:	Compressor is off
		LED flashes orange:	display switched off automatically due to low battery voltage
3	ERROR	LED flashes red:	Device is switched on but not ready for operation
4	SET	Selects the input mode - Temperature setting - Celsius or Fahrenheit display - Set battery monitor - Set brightness of display - Switch WiFi on or off	
5	-	Display, shows the informati	ion
6	DOWN-	Press once to decrease the	value
7	UP+	Press once to increase the v	alue

Connection sockets



Item Description

- 1 Connection socket AC voltage supply
- 2 Fuse holder
- 3 Emergency switch (when fitted)
- 4 USB port for power supply
- 5 Connection socket DC voltage supply

7 Operation

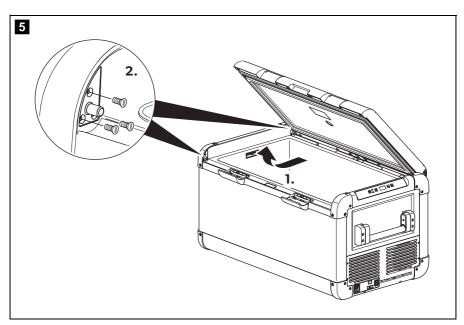
7.1 Before initial use



NOTE

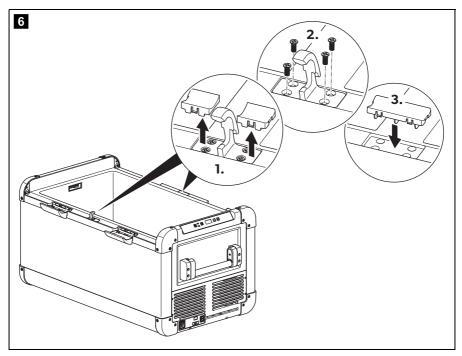
Before starting your new cooler for the first time, you should clean it inside and outside with a damp cloth for hygienic reasons (please also refer to the chapter "Cleaning and maintenance" on page 27).

Reversing the lid opening direction

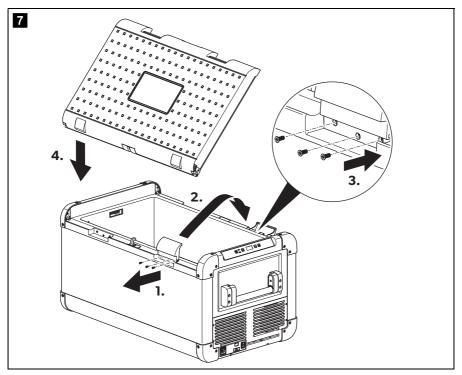


The lid hinges can be moved to the opposite side if you want to open the lid from the opposite direction. To do this, proceed as follows:

- ➤ Open the lid and remove it.
- ➤ Remove the three screws per hinge and take off the hinges.
- ➤ Remove the plastic covers from new hinge positions with a small screwdriver and re-fit to the old hinge positions.
- ➤ Re-fit the hinges in the new positions.



- ➤ Remove the two plastic covers from the centre hinge.
- ➤ Remove the four screws from the centre hinge and take off the hinge.
- ➤ Remove the plastic cover from new centre hinge position with a small screw-driver and re-fit to old hinge position.
- ➤ Re-fit the centre hinge in new position.



- ➤ Remove the three plastic plugs per latch from the new latch position with a small screwdriver.
- ➤ Remove the three screws per latch and take off the latches.
- ➤ Re-fit the plastic plugs to the old latch positions.
- ➤ Re-fit the latches in the new positions.
- ➤ Re-fit the lid in new the position.

Selecting the temperature units

Temperature display units can be switched between Celsius and Fahrenheit as follows:

- > Switch on the cooler.
- ➤ Press the "SET" button (fig. 3 4, page 10) twice.
- ➤ Use the "UP +" (fig. 3 7, page 10) or "DOWN -" (fig. 3 6, page 10) buttons to select Celsius or Fahrenheit.
- ✓ The selected temperature units then appear in the display for a few seconds. The display flashes several times before it returns to the current temperature.

7.2 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 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.
- Defrost the cooler once a layer of ice forms.
- Avoid unnecessarily low temperatures.

7.3 Connecting the cooler

Connecting to a battery

The cooler can be operated with 12 V or 24 V==.



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.

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.

Using supplied DC connection cable

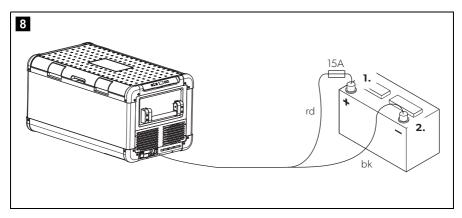


NOTICE! Danger of damage!

For protection of the device the DC cable supplied is fitted with a fuse.

Do **not** remove the fuse.

Only use the DC cable supplied.



- ➤ Before starting up the device for the first time, check whether the operating voltage and the battery voltage correspond (see type plate).
- ➤ Plug the DC connection cable (fig. 1 2, page 7) into the DC voltage socket of the cooler (fig. 4 5, page 11).
- ➤ Connect the red cable to the positive (+) battery terminal.
- ➤ Connect the black cable to the negative (–) battery terminal.

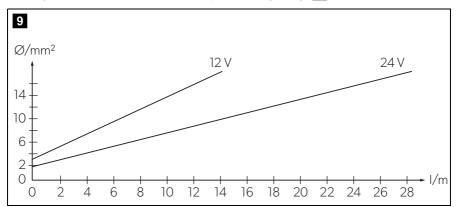
Extended DC hard-wiring



NOTICE! Danger of damage!

To avoid drops in voltage and therefore performance, keep the cable as short as possible and only disconnect it when necessary. For this reason avoid additional switches, plugs or power strips.

➤ Determine the required cross section of extended wiring in relation to the total length from cooler to battery supply according to fig. 9.

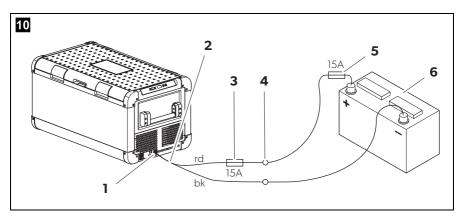


Co-ordinate axis	Meaning	Unit
I	Cable length	m
Ø	Cable cross section	mm ²



NOTICE! Danger of damage!

- For protection of the device the DC cable supplied is fitted with a fuse. Do **not** remove the fuse.
 - Only use the DC cable supplied from the cooler to in-vehicle connection point.
- Make sure that the polarity is correct.



- ➤ Before starting up the device for the first time, check whether the operating voltage and the battery voltage correspond (see type plate).
- ➤ Run the extended wiring from DC cable in-vehicle connection point (4) to the battery (6).
- ➤ Make sure that the cable to the positive (+) battery terminal is protected with an additional 15 A fuse (5) close to the battery. Do **not** remove the fuse of the supplied DC cable.
- ➤ Connect the supplied DC connection cable (2) to the in-vehicle connection point (4).
- ➤ Plug the DC connection cable (2) into the DC voltage socket of the cooler (1).

Connecting to an AC power supply (e.g. in the home or 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 from a AC power supply, you must install a residual current circuit breaker between the AC 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.

When switching between the AC power supply and the DC battery supply, the red LED may light up briefly.

- ➤ Plug the AC connection cable (fig. 1 3, page 7) into the AC voltage socket of the cooler (fig. 4 1, page 11).
- ➤ Connect the connection cable to the AC power outlet.

7.4 Using the battery monitor

The device is equipped with a multi-level battery monitor that protects your vehicle battery against excessive discharging when the device is connected to the on-board DC 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 battery has been recharged to the restart voltage level.



NOTICE! Danger of damage!

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

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
Switch-off voltage at 12 V	10.1 V	11.4 V	11.8 V
Restart-voltage at 12 V	11.1 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

The battery monitor mode can be selected as follows:

- > Switch on the cooler.
- ➤ Press the "SET" button (fig. 3 4, page 10) three times.
- ➤ Use the "UP +" (fig. **3** 7, page 10) or "DOWN -" (fig. **3** 6, page 10) buttons to select the battery monitor mode.
- ✓ Display will be as follows: Lo (LOW), Πd (MED), Hi (HIGH)
- ✓ 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". If the cooler is connected to a supply battery, the battery monitor mode "LOW" will suffice.

7.5 Using the cooler



NOTICE! Danger of overheating!

Ensure at all times that there is sufficient ventilation so that the heat that is 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.

➤ Place the cooler on a firm foundation.

Make sure that the ventilation slots are not covered and that the heated air can dissipate.



NOTE

Place the cooler as shown (fig. 11, page 7). If you operate the box in a different orientation it can be damaged.

➤ Connect the cooler, see chapter "Connecting the cooler" on page 15.



NOTICE! Danger from excessively low temperature!

Ensure that the only those objects are placed in the cooler that are intended to be cooled at the selected temperature.

- ➤ Press the "ON/OFF" button (fig. 3 1, page 10) for between one and two seconds
- ✓ The LED " \bullet " lights up (fig. 3 2, page 10).
- ✓ The display (fig. 3 5, page 10) switches on and shows the current cooling temperature.
- ✓ The cooler starts cooling the interior.



NOTE

When operating with the battery, the display switches off automatically if the battery voltage is low. The LED " ϕ " flashes orange.

Latching the cooler lid

- ➤ Close the lid.
- ➤ Press the latches (fig. 2 1, page 9) down, until they latch in place audibly.



NOTE - Lid Open Alarm

If the lid is left open for three minutes or more and the device is switched on, the interior light will flash until the lid is closed.

7.6 Setting the temperature

- ➤ Press the "SET" button (fig. 3 4, page 10) once.
- ➤ Use the "UP +" (fig. 3 7, page 10) and "DOWN -" (fig. 3 6, page 10) buttons to select the cooling temperature.
- ✓ The cooling temperature appears in the display for a few seconds. The display flashes several times and then the current temperature is displayed again.



NOTE

The temperature of each compartment can be set to -22 °C. The manufacturer however recommends a cooling temperature of -15 °C to -18 °C for normal usage and optimum energy consumption.

7.7 Enabling WiFi signal for optional app

The cooler can be controlled via WiFi using an app that you can install on a compatible device. The app has control, display and alarm functions.

For further information go to the Dometic website for your country (see back page). Note that the app may not be available in your country.

The WiFi name of the compressor cooler begins with "CFX". The preset password is "00000000". You can change the WiFi name and password individually.

Switching the WiFi signal on or off

- > Press the "SET" button (fig. 3 4, page 10) five times.
- ➤ Use the "UP +" (fig. 3 7, page 10) and "DOWN-" (fig. 3 6, page 10) buttons to switch the WiFi signal on or off.
- ✓ The desired setting appears in the display for a few seconds. The display flashes several times and then the current temperature is displayed again.



NOTE

- The default setting for the WiFi transmitter is off. For first time use and whenever power to the device is interrupted, switch on the WiFi transmitter to use the app.
- The WiFi transmitter uses a small amount of power. For optimal energy performance switch the WiFi transmitter off if it is not being used.

Resetting the WiFi to factory settings

In case you have personalized the WiFi settings of your cooling device using the WiFi app and forgotten your password, you can reset to the factory settings as follows:

- > Press the "SET" button (fig. 3 4, page 10) five times.
- ➤ Hold the "UP +" (fig. 3 7, page 10) button for at least five seconds.
- ✓ In both displays "rES" will blink several times before returning to the previous display.
- ✓ The WiFi settings have been reset to factory settings.

For additional information visit the Dometic website from which you downloaded the app.

7.8 Set brightness of display

The display brightness can be dimmed for low ambient light conditions. To set the dimming level of the display proceed as follows:

- > Switch on the cooler.
- ➤ Press the "SET" button (fig. 3 4, page 10) four times.
- ➤ Use the "UP +" (fig. 3 7, page 10) or "DOWN -" (fig. 3 6, page 10) buttons to set the brightness of the display.
- ✓ Display will be as follows: d0 (default), d1 (medium), d2 (dark)
- ✓ The display shows the set mode for some seconds. The display flashes several times before it returns to the current brightness.



NOTE

- The factory setting of brightness of the display is d0 (default).
- If a fault occurs, the brightness automatically is d0 (default). After troubleshooting the set brightness is reactivated.

7.9 Using the emergency switch

The emergency switch (fig. 4 3, page 11) is located below the control panel. For normal operation the switch is in the "NORMAL USE" position.

➤ If an electronic control failure occurs, slide the switch to "EMERGENCY OVERRIDE" position



NOTE

If the switch is in the "EMERGENCY OVERRIDE" position, the cooler runs with full cooling capacity and may freeze.

7.10 USB port for power supply

USB port allows you to charge small devices like mobile phones and mp3-players.

To use your cooling box with any USB devices, simply connect a USB cable (not included) to your device.



NOTE

Ensure that any small device connected to the USB port is compatible with $5\,V/500\,\text{mA}$ operation.

7.11 Switching off the cooler

- ➤ Empty the cooler.
- > Switch the cooler off.
- ➤ Pull out the connection cable.

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

➤ Leave the cover slightly open. This prevents odour build-up.

7.12 Defrosting the cooler

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! Danger of damage!

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

To defrost the cooler, proceed as follows:

- ➤ Take out the contents of the cooler
- ➤ If necessary, place them in another cooling device to keep them cool.
- > Switch off the device.
- ➤ Leave the lid open.
- ➤ Wipe off the defrosted water.

7.13 Replacing the AC fuse

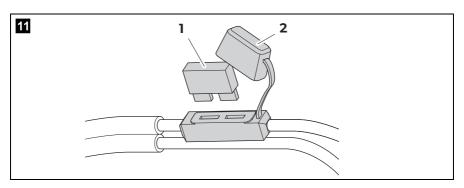


DANGER! Danger of electrocution!

Disconnect the power supply and the connection cable before you replace the device fuse.

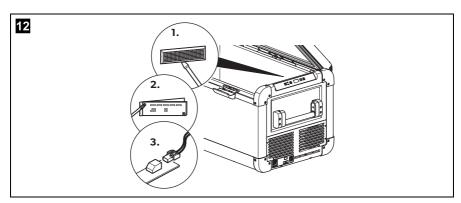
- ➤ Disconnect the power supply to the device.
- ➤ Pull off the connection cable.
- ➤ Pry out the fuse insert (fig. 4 2, page 11) with a screwdriver.
- ➤ Replace the defective glass fuse with a new fuse of the same type and rating (4 A, 250 V).
- ➤ Press the fuse insert back into the housing.
- ➤ Reconnect the power supply to the device.

7.14 Replacing the DC cable fuse



- ➤ Disconnect the power supply from the cooler.
- ➤ Remove the protective cover (2)
- ➤ Replace the defective fuse (1) with a new fuse of the same type and rating (Automotive standard blade fuse, 15 A).
- ➤ Refit the protective cover.
- ➤ Reconnect the power supply to the cooler.

7.15 Replacing the light PCB



- ➤ Disconnect the power supply to the device.
- ➤ Pry out the transparent cover with a screwdriver (1).
- ➤ Unscrew the PCB mounting screws (2).
- ➤ Pull out the plug from the PCB (3).

- ➤ Replace the defective light PCB with a new one.
- ➤ Fit new PCB using reverse of removal instructions.
- ➤ Press the transparent cover back into the housing.
- ➤ Reconnect the power supply to the device.

8 Cleaning and maintenance



WARNING!

Always disconnect the device from the power supply 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.

Troubleshooting CFX100W

9 Troubleshooting

Fault	Possible cause	Suggested remedy
Device does not function, LED does	Battery voltage is too low.	Test the battery and charge it as needed.
not glow.	The DC cable fuse is defective.	Replace the DC fuse, see chapter "Replacing the DC cable fuse" on page 26.
	No voltage present in the AC voltage socket.	Try using another plug socket.
	The AC fuse is defective.	Replace the AC fuse, see chapter "Replacing the AC fuse" on page 25.
	The integrated mains adapter is defective.	This can only be repaired by an authorised repair centre.
The device does not cool (power is connected, "POWER" LED is lit).	Defective compressor.	This can only be repaired by an authorised repair centre.
The device does not cool (power is	Battery monitor is set too high.	Select a lower battery monitor setting.
connected, "POWER" LED flashes orange, display is switched off).	Battery voltage is too low.	Test the battery and charge it as needed.
The display shows an error message (e.g. "Errl") and the appliance does not cool.	The appliance has switched off due to an internal fault.	This can only be repaired by an authorised repair centre.

CFX100W Guarantee

10 Guarantee

The statutory warranty period applies. If the product is defective, please contact the manufacturer's branch in your country (see the back of the instruction manual for the addresses) or your retailer.

For repair and guarantee 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

11 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.

Technical data CFX100W

12 Technical data

Ref. no.: 9105306556 Connection voltage: 12/24 V== and 100 − 240 V~ Rated current: 12 V==: 10.5 A 24 V==: 5.0 A 100 V~: 1.25 A 240 V~: 0.48 A Cooling capacity: +10 °C to −22 °C (+50 °F to −8 °F) Category: 1 Energy efficiency class: A+ Energy consumption: 98 kWh/annum Gross volume: 1001 Storage volume: 88 I Climate class: N, T Ambient temperature: +16 °C to +43 °C Noise emission: 37 dB(A) USB: 5 V==, 500 mA Frequency band (WiFi): 2.4 GHz RF power (WiFi): 16 ± 1.5 dBm (802.11 b CCK, 11 Mbps) 12 ± 1.5 dBm (802.11 g OFDM, 54 Mbps) 11 ± 1.5 dBm (802.11 n HT20, MCS7) Refrigerant quantity: 64 g CO₂ equivalent: 0.092 t Global warming potential (GWP): 1430 Dimensions (Wx H x D) in mm (including handles): 957 x 472 x 530 Weight: 32 kg		CFX100W
100 - 240 V~ Rated current: 12 V==: 10.5 A 24 V==: 5.0 A 100 V~: 1.25 A 240 V~: 0.48 A 240 V~	Ref. no.:	9105306556
24 V==: 5.0 A 100 V~: 1.25 A 240 V~: 0.48 A Cooling capacity: +10 °C to −22 °C (+50 °F to −8 °F) Category: 1 Energy efficiency class: A+ Energy consumption: 98 kWh/annum Gross volume: 100 I Storage volume: 88 I Climate class: N, T Ambient temperature: +16 °C to +43 °C Noise emission: 37 dB(A) USB: 5 V==, 500 mA Frequency band (WiFi): 2.4 GHz RF power (WiFi): 16 ± 1.5 dBm (802.11 b CCK, 11 Mbps) 12 ± 1.5 dBm (802.11 g OFDM, 54 Mbps) 11 ± 1.5 dBm (802.11 n HT20, MCS7) Refrigerant quantity: 64 g CO₂ equivalent: 0.092 t Global warming potential (GWP): Dimensions (W × H × D) in mm (including handles):	Connection voltage:	•
Category: 1 Energy efficiency class: A+ Energy consumption: 98 kWh/annum Gross volume: 100 l Storage volume: 88 l Climate class: N, T Ambient temperature: +16 °C to +43 °C Noise emission: 37 dB(A) USB: 5 V==-, 500 mA Frequency band (WiFi): 2.4 GHz RF power (WiFi): 16 ± 1.5 dBm (802.11 b CCK, 11 Mbps) 12 ± 1.5 dBm (802.11 g OFDM, 54 Mbps) 11 ± 1.5 dBm (802.11 n HT20, MCS7) Refrigerant quantity: 64 g CO2 equivalent: 0.092 t Global warming potential (GWP): 1430 Dimensions (W x H x D) in mm (including handles): 957 x 472 x 530	Rated current:	24 V : 5.0 A 100 V∼ : 1.25 A
Energy efficiency class: Energy consumption: 98 kWh/annum Gross volume: 100 I Storage volume: 88 I Climate class: N, T Ambient temperature: +16 °C to +43 °C Noise emission: 37 dB(A) USB: 5 V===, 500 mA Frequency band (WiFi): 2.4 GHz RF power (WiFi): 16 ± 1.5 dBm (802.11 b CCK, 11 Mbps) 12 ± 1.5 dBm (802.11 g OFDM, 54 Mbps) 11 ± 1.5 dBm (802.11 n HT20, MCS7) Refrigerant quantity: 64 g CO ₂ equivalent: 0.092 t Global warming potential (GWP): Dimensions (W x H x D) in mm (including handles):	Cooling capacity:	+10 °C to -22 °C (+50 °F to -8 °F)
Energy consumption: Gross volume: Storage volume: Climate class: N, T Ambient temperature: Noise emission: USB: Frequency band (WiFi): RF power (WiFi): Refrigerant quantity: Global warming potential (GWP): Dimensions (Wx H x D) in mm (including handles): N, T 88 I 100 I 88 I 11 ± 1.5 °C to +43 °C 13 dB(A) 143 °C 143 GB(A) 15 dB(A) 16 ± 1.5 dB(B(B02.11 b CCK, 11 Mbps)) 12 ± 1.5 dB(B02.11 b CCK, 11 Mbps) 12 ± 1.5 dB(B02.11 g OFDM, 54 Mbps) 11 ± 1.5 dB(B02.11 n HT20, MCS7) 84 g 1430 957 x 472 x 530	Category:	1
Gross volume: 100 l Storage volume: 88 l Climate class: N, T Ambient temperature: +16 °C to +43 °C Noise emission: 37 dB(A) USB: 5 V==-, 500 mA Frequency band (WiFi): 2.4 GHz RF power (WiFi): 16 ± 1.5 dBm (802.11 b CCK, 11 Mbps) 12 ± 1.5 dBm (802.11 g OFDM, 54 Mbps) 11 ± 1.5 dBm (802.11 n HT20, MCS7) Refrigerant quantity: 64 g CO₂ equivalent: 0.092 t Global warming potential (GWP): 1430 Dimensions (W x H x D) in mm (including handles): 957 x 472 x 530	Energy efficiency class:	A+
Storage volume: 88 I Climate class: N, T Ambient temperature: +16 °C to +43 °C Noise emission: 37 dB(A) USB: 5 V=, 500 mA Frequency band (WiFi): 2.4 GHz RF power (WiFi): 16 ± 1.5 dBm (802.11 b CCK, 11 Mbps) 12 ± 1.5 dBm (802.11 g OFDM, 54 Mbps) 11 ± 1.5 dBm (802.11 n HT20, MCS7) Refrigerant quantity: 64 g CO ₂ equivalent: 0.092 t Global warming potential (GWP): 1430 Dimensions (W x H x D) in mm (including handles): 957 x 472 x 530	Energy consumption:	98 kWh/annum
Climate class: Ambient temperature: +16 °C to +43 °C Noise emission: 37 dB(A) USB: 5 V==-, 500 mA Frequency band (WiFi): 2.4 GHz RF power (WiFi): 16 ± 1.5 dBm (802.11 b CCK, 11 Mbps) 12 ± 1.5 dBm (802.11 g OFDM, 54 Mbps) 11 ± 1.5 dBm (802.11 n HT20, MCS7) Refrigerant quantity: 64 g CO ₂ equivalent: 0.092 t Global warming potential (GWP): Dimensions (W x H x D) in mm (including handles):	Gross volume:	100 I
Ambient temperature: +16 °C to +43 °C Noise emission: 37 dB(A) USB: 5 V===, 500 mA Frequency band (WiFi): 2.4 GHz RF power (WiFi): 16 ± 1.5 dBm (802.11 b CCK, 11 Mbps)	Storage volume:	881
Noise emission: 37 dB(A) USB: 5 V, 500 mA Frequency band (WiFi): 2.4 GHz RF power (WiFi): 16 ± 1.5 dBm (802.11 b CCK, 11 Mbps)	Climate class:	N, T
USB: 5 V===, 500 mA Frequency band (WiFi): 2.4 GHz RF power (WiFi): 16 ± 1.5 dBm (802.11 b CCK, 11 Mbps)	Ambient temperature:	+16 °C to +43 °C
Frequency band (WiFi): 2.4 GHz RF power (WiFi): 16 ± 1.5 dBm (802.11 b CCK, 11 Mbps) 12 ± 1.5 dBm (802.11 g OFDM, 54 Mbps) 11 ± 1.5 dBm (802.11 n HT20, MCS7) Refrigerant quantity: 64 g CO ₂ equivalent: 0.092 t Global warming potential (GWP): Dimensions (W x H x D) in mm (including handles):	Noise emission:	37 dB(A)
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$12 \pm 1.5 \text{ dBm (802.11 g OFDM, 54 Mbps)} \\ 11 \pm 1.5 \text{ dBm (802.11 n HT20, MCS7)}$ Refrigerant quantity: 64 g $CO_2 \text{ equivalent:} \\ 0.092 \text{ t}$ Global warming potential (GWP): 1430 $(GWP):$ Dimensions $(W \times H \times D) \text{ in mm (including handles):}$	Frequency band (WiFi):	2.4 GHz
CO $_2$ equivalent: 0.092 t Global warming potential (GWP): 1430 Dimensions 957 x 472 x 530 (W x H x D) in mm (including handles):	RF power (WiFi):	$12 \pm 1.5 dBm (802.11 g OFDM, 54 Mbps)$
Global warming potential (GWP): Dimensions (W x H x D) in mm (including handles):	Refrigerant quantity:	64 g
(GWP): Dimensions (W x H x D) in mm (including handles):	CO ₂ equivalent:	0.092 t
(W x H x D) in mm (including handles):		1430
Weight: 32 kg	$(W \times H \times D)$ in mm (including	957 x 472 x 530
	Weight:	32 kg

30

CFX100W Technical data



NOTE

If the ambient temperature is above +32 °C (+90 °F), the minimum temperature cannot be attained.

Test/certificates:









The coolant circuit contains R134a.

Contains fluorinated greenhouse gases

Hermetically sealed equipment

dometic.com

^> DOMETIC

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07/2017 1445102348