

WWM-18, WWM-40, WWM-58LPDZ, WWM-80DZ

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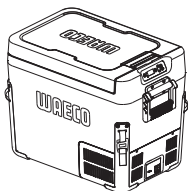
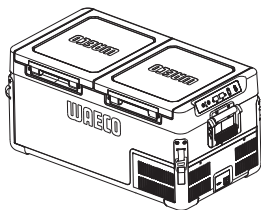
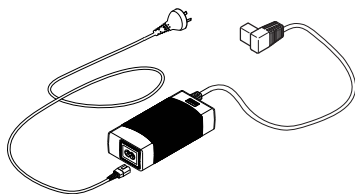
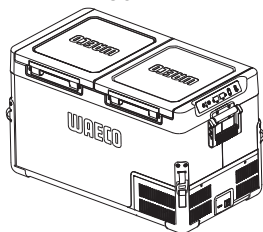
**Portable fridge**

Short Operating Manual..... 18



12/24 V DC

20/28 V DC (USB Type-C)

**WWM-18****WWM-40****WWM-58LPDZ****WWM-80DZ**

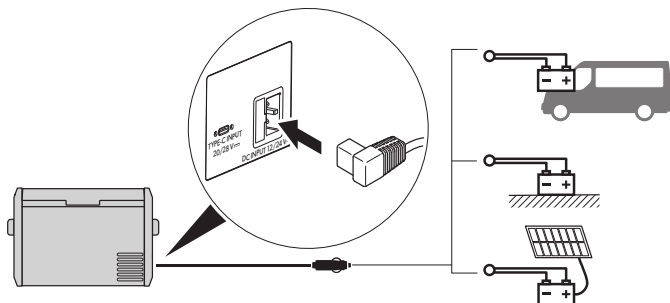
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**WWM-40**



**WWM-58LPDZ**  
**WWM-80DZ**



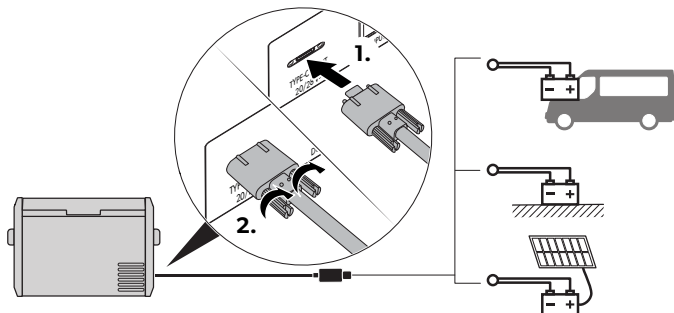
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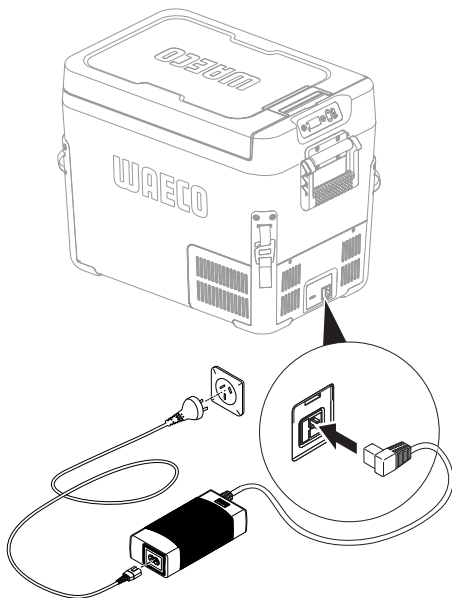
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**WWM-80DZ**



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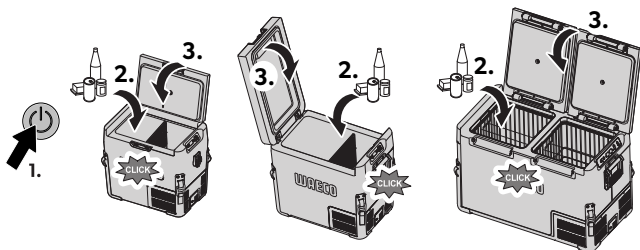


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WWM-58LPDZ, WWM-80DZ

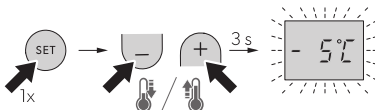


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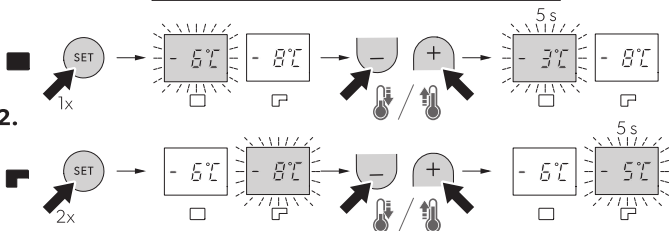
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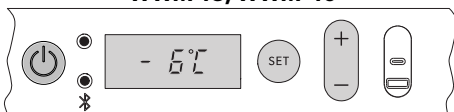
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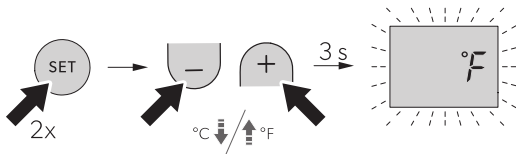
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## WWM-18, WWM-40

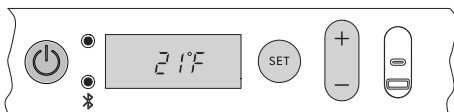
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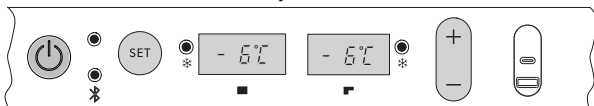


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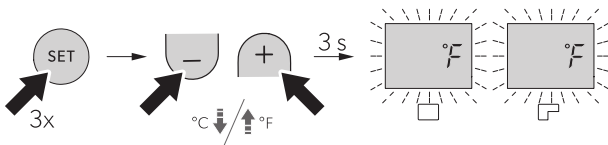


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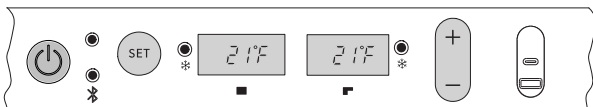
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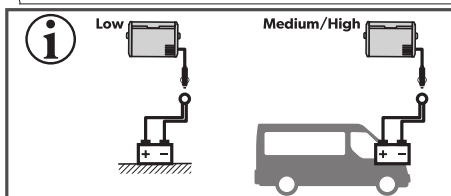


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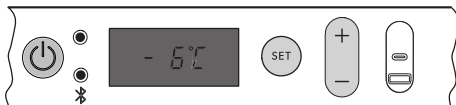
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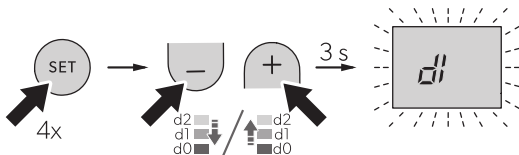
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|------|-----|--------|--------|--------|
| 12 V | OFF | 10.1 V | 11.2 V | 11.8 V |
|      | ON  | 11.4 V | 12.2 V | 12.6 V |
| 24 V | OFF | 22.0 V | 24.1 V | 24.6 V |
|      | ON  | 23.0 V | 25.3 V | 26.2 V |

## WWM-18, WWM-40

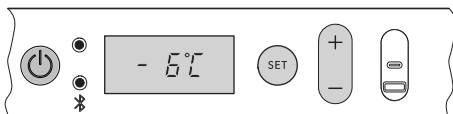
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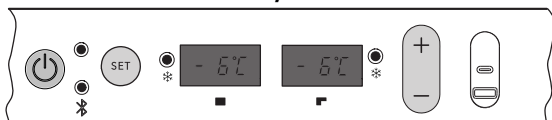


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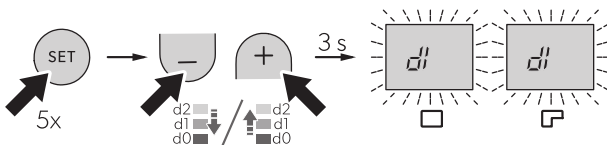


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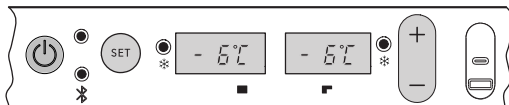
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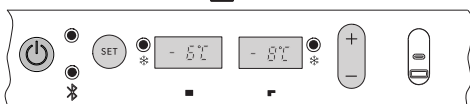
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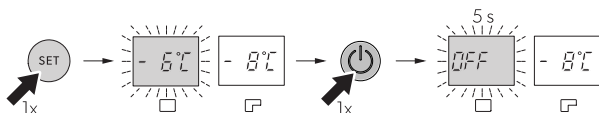
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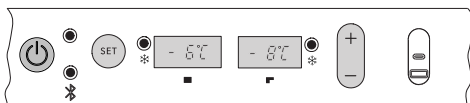
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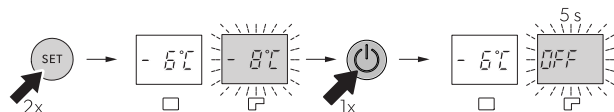
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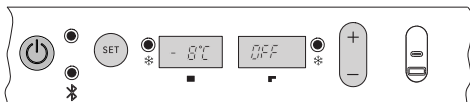
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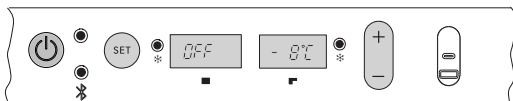
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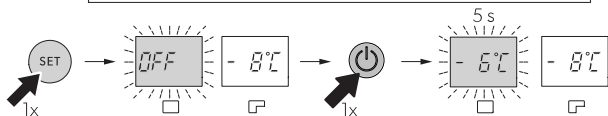
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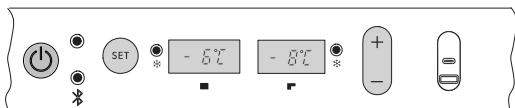
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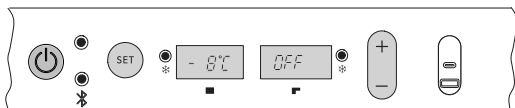
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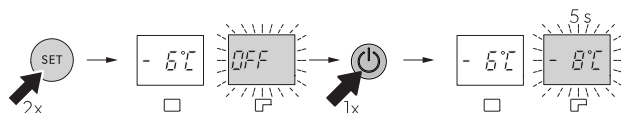
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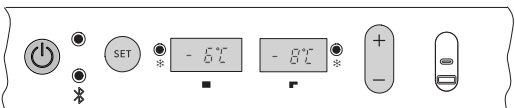
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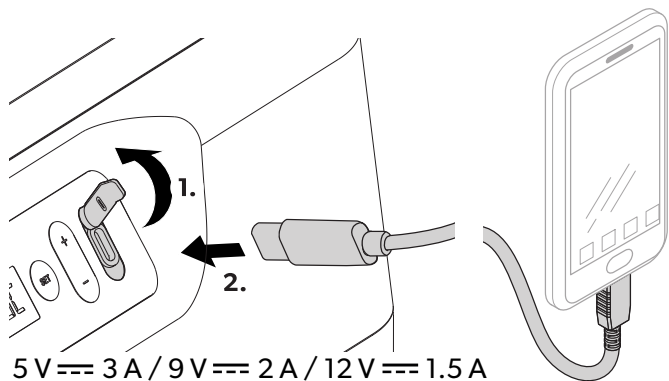
## WWM-18, WWM-40

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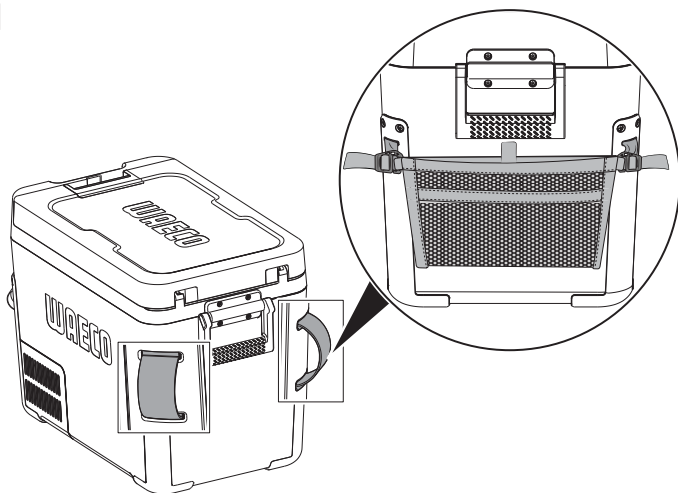
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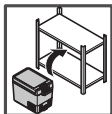
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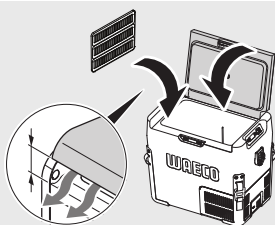
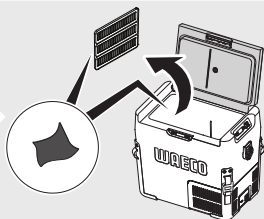
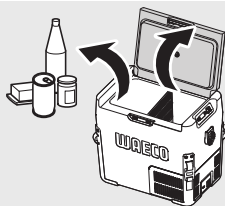


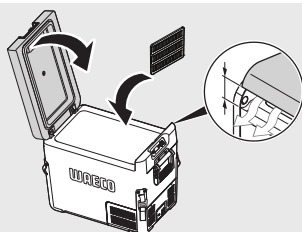
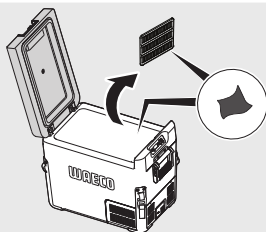
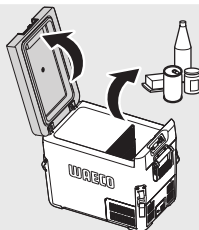
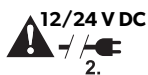
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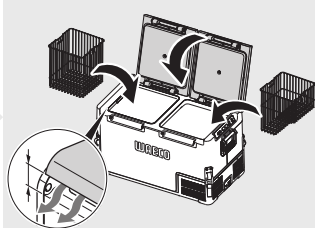
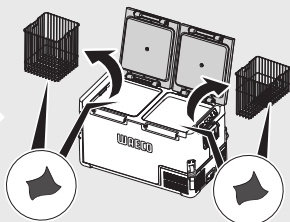
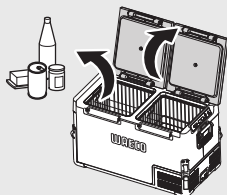
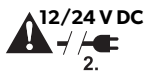
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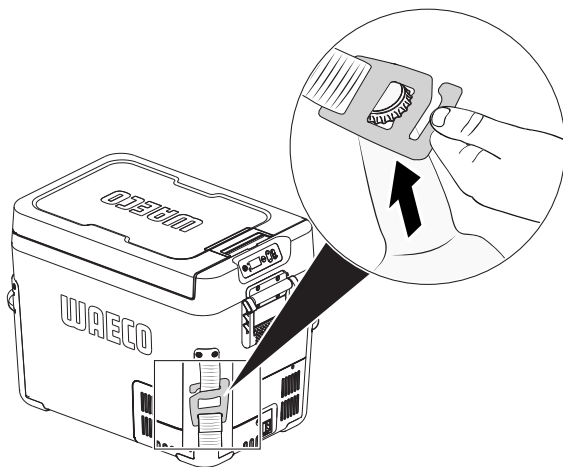


**WWM-40**



## WWM-58LPDZ, WWM-80DZ





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## English

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## 1 Important notes

Please read these instructions carefully and follow all instructions, guidelines, and warnings included in this product manual to ensure that you install, use, and maintain the product correctly at all times. These instructions **MUST** remain 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 comply with the terms and conditions as set out herein. You agree to use this product only for its intended purpose and application and in accordance with the instructions, guidelines, and warnings as set out in this product manual, as well as in accordance with all applicable laws and regulations. Failure to read and follow the instructions and warnings set out herein may result in injury to yourself and others, damage to your product, or damage to other property in the vicinity. This product manual, including the instructions, guidelines, warnings, and related documentation, may be subject to changes and updates. For up-to-date product information, please visit [qr.dometic.com/bgWFAx](http://qr.dometic.com/bgWFAx).

## 2 Related document



Find the complete operating manual online at [qr.dometic.com/bgWFAx](http://qr.dometic.com/bgWFAx).

## 3 Explanation of symbols

A signal word will identify safety messages and property damage messages, and will also indicate the degree or level of hazard seriousness.



### **WARNING!**

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



### **CAUTION!**

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



### **NOTICE!**

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



**NOTE** Supplementary information for operating the product.

## 4 Safety instructions



### **WARNING! Explosion hazard**

- > Do not store any explosive substances such as spray cans with a flammable propellant in the portable fridge.



### **WARNING! Electrocutation hazard**

- > Do not operate the portable fridge if it is visibly damaged.
- > If the portable fridge'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 portable fridge 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.



### **WARNING! Fire hazard**

- > When positioning the portable fridge, ensure that 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.
- > In the event of any damage to the refrigerant circuit:
  - Keep open flames and potential ignition sources away from the portable fridge.
  - Ventilate the room well.
  - Switch off the portable fridge.
- > For portable fridges with flammable refrigerant: The refrigeration circuit contains a small quantity of an environmentally friendly but flammable refrigerant. The refrigerant does not damage the ozone layer and does not increase the greenhouse effect. Any leaking refrigerant may ignite.
- > 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 portable fridge unless they are recommended by the manufacturer for that purpose.



### **WARNING! Health hazard**

- > **For the European Union, UK and Turkey:** 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. **For all other regions:** 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.



### **CAUTION! Electrocutation hazard**

- > Before starting the portable fridge, ensure that the power cable and the plug are dry.
- > Disconnect the portable fridge from the power supply

- Before each cleaning and maintenance
- After every use



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

- > To avoid contamination of food, observe the following instructions:
  - Check if the cooling capacity of the portable fridge is suitable for storing the food to be cooled.
  - Food may only be stored in its original packaging or in suitable containers.
  - Opening the portable fridge 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 portable fridge is left empty for long periods:
  - Switch off the portable fridge.
  - Defrost the portable fridge.
  - Clean and dry the portable fridge.
  - Leave the lid open to prevent mold from developing within the portable fridge.



#### **NOTICE! Damage hazard**

- > Check that the voltage specification on the rating label corresponds to that of the energy supply.
- > Only connect the portable fridge to a DC power supply in the vehicle with the DC connection cable.
- > Never pull the plug out of the socket by the cable.
- > Disconnect the portable fridge and other power consuming devices from the battery before connecting a quick charging device.
- > The portable fridge is not suitable for transporting caustic materials or materials containing solvents.
- > The insulation of the portable fridge contains flammable cyclopentane and requires special disposal procedures. Deliver the portable fridge at the end of its life-cycle to an appropriate recycling center.
- > Do not place the portable fridge near open flames or other heat sources such as heaters, direct sunlight, gas ovens, and similar items.
- > **Risk of overheating!** Ensure at all times that there is a minimum of 50 mm ventilation on all sides of the portable fridge. Keep the ventilation area free of any objects that could obstruct the air flow to the cooling components. Do not use or store the portable fridge in closed compartments or areas with none or minimal air flow.
- > Do not fill the inner container with ice or fluids.
- > Never immerse the portable fridge in water.
- > Protect the portable fridge and cables against heat and moisture.
- > The portable fridge shall not be exposed to rain.



#### **NOTICE! Damage hazard due to insufficient compressor lubrication**

If the product exceeds a tilt angle of 30° during use, damage to the compressor may occur due to insufficient lubrication.

- > Ensure that the tilt of the product does not exceed 30 ° during operation.



#### NOTE Battery discharge risk

The portable fridge includes a battery protection feature that can help reduce the risk of discharging the vehicle's starting battery. Battery discharge risk varies depending on vehicle battery condition, installation, and usage.

- > If the vehicle engine will remain off for a prolonged period, switch the portable fridge off or power it from an appropriate house battery system.

## 5 Explanation of symbols on the device



Warning! Risk of fire. Flammable materials.



USA/Canada only. Warning! Risk of fire. Flammable materials.



Warning! Risk of damage or malfunction caused by moisture.  
Keep away from rain.

## 6 Scope of delivery

 Fig. 1 on page 2

## 7 Intended use

The portable fridge is suitable for cooling food. The portable fridge is also suitable for use on vehicles.

The portable fridge is designed to be operated from a DC on-board power supply of a vehicle or from a DC house battery.

The portable fridge is suitable for camping use.

The portable fridge 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 portable fridge is **not** suitable for long-term deep-freezing of foodstuff.

This portable fridge is suitable for portable use and **not** intended to be used as a built-in appliance.

The portable fridge is **not** suitable for:

- Storage of corrosive, caustic or solvent-containing substances

This product 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 product. Poor installation and/or improper operation 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 installation, 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

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

## **8 Operation**

### **8.1 Preventing food waste**

To prevent food waste, please note the following:

- Keep temperature fluctuations as minimal as possible.
- Store food so that air can still circulate freely.
- If applicable, adjust the temperature according to the quantity and type of food.
- If the portable fridge has multiple compartments, store different foods in the compartment with the appropriate temperature.
- Food can easily absorb or release odours or flavours. Always store food covered or in closed containers/ bottles.

### **8.2 Saving energy**

- > Choose a well-ventilated location that is protected from direct sunlight.
- > Allow warm food to cool down before placing it in the portable fridge to keep cool.
- > Do not open the portable fridge more often than necessary.
- > Do not leave the portable fridge open for longer than necessary.
- > If the portable fridge has a basket, position the basket as it was on delivery for optimal energy consumption.
- > Regularly check that the lid seal fits properly.
- > Avoid setting temperatures lower than necessary.

### 8.3 Using the portable fridge

- > Connect the portable fridge to a DC power supply.



#### NOTICE! Malfunction hazard

- > Ensure that the USB Type-C power supply complies with Power Delivery (PD) 3.0 or later and provides an output voltage of 20 / 28 V. Power requirements based on ambient temperature:
  - When the ambient temperature is 25 °C or below, the USB Type-C power supply must provide an output of at least 20 V / 60 W.
  - When the ambient temperature exceeds 25 °C, the USB Type-C power supply must provide an output of at least 20 V / 100 W.
  - When the ambient temperature exceeds 32 °C, the USB Type-C power supply for **WWM-80DZ** must provide an output of at least 28 V / 140 W.

An insufficient power supply may prevent the portable fridge from operating properly while still consuming power.



**NOTE** Connect the portable fridge to a DC power supply with the DC cable provided by WAEKO.

- DC connection cable
  - 📖 Fig. 2 on page 3
- Lockable USB Type-C cable
  - 📖 Fig. 3 on page 3
- > Connect the portable fridge to an AC power supply using WPS90.
  - 📖 Fig. 4 on page 4
- > Switch on the portable fridge.
  - 📖 Fig. 5 on page 4
- > Set the desired temperature.
  - 📖 Fig. 6 on page 5
- > Set the desired temperature units.
  - 📖 Fig. 7 on page 6
- > Set the battery monitor.



**NOTE** The battery monitor operates with DC input only (USB Type-C not supported).

- 📖 Fig. 8 on page 7
- > Set the display brightness of the portable fridge.
  - 📖 Fig. 9 on page 8
- > (**WWM-58LPDZ, WWM-80DZ** only) Switch off the compartments of the portable fridge.
  - 📖 Fig. 10 on page 9
- > (**WWM-58LPDZ, WWM-80DZ** only) Switch on the compartments of the portable fridge.
  - 📖 Fig. 11 on page 10

> Set Bluetooth.

 Fig. 12 on page 11

> Use the USB Type-C port.

 Fig. 13 on page 12

> Use the accessory loops to attach gear or accessories.

 Fig. 14 on page 12

> Switch off and store the portable fridge.

- **WWM-18**

 Fig. 15 on page 13

- **WWM-40**

 Fig. 16 on page 14

- **WWM-58LPDZ, WWM-80DZ**

 Fig. 17 on page 15

> Use the bottle opener.

 Fig. 18 on page 16

## 9 Warranty

As the purchaser of a new WAECO product, you are entitled to full warranty cover under the conditions set out herein.

If the product does not work as it should, please contact an authorised Dometic Service Agent in your country (see [dometic.com/dealer](http://dometic.com/dealer)) or seek advice from your original place of purchase.

The warranty applicable to your **WWM** product is **3 years** from the date of purchase.

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

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

Note that self-repair or non-professional repair can have safety consequences and might void the warranty.

### The warranty covers the following:

- All reasonable normal use
- Any defect in design or manufacture which results in the product failing to perform substantially as described in authorised Dometic advertising or literature

This product is intended for domestic use; the voluntary warranty against defects is provided by the manufacturer to the original purchaser.

We will either repair or replace the product at our discretion, provided that the fault is found to have been caused by a design or manufacturing defect and not misuse, tampering or lack of maintenance.

### The warranty does NOT cover the following:

- Damage, loss, or failure caused by external or environmental influences
- Any damage resulting from improper use or lack of regular maintenance
- Fuses, power supply cables, light bulbs
- Modifications carried out not approved in writing by Dometic or any loss caused by such modification
- Non-compliant installations or products not installed in line with the official manufacturer's instructions
- Incorrect setting – user/installer error-created problems

- Damage, loss or failure due to poor or incorrect power supply
- Costs of transportation to get the product to a suitable service point unless prior approved by Dometic
- Damage in transit
- Travel and/or other expenses due to customer remote location
- Cosmetic issues which do not affect normal functionality of the product
- Except as required by law, any loss directly or indirectly associated with the product failing to operate

### 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. The benefits provided to you as the consumer by this warranty are in addition to other rights and remedies available to you under the law.

### 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).

Dometic Australia and Dometic New Zealand reserve the right to change the warranty conditions at any time by public notice and by attaching a clear change of warranty terms and conditions notice to the product visible at time of purchase. No party other than Dometic Australia Pty Ltd or Dometic New Zealand Limited is authorised to change the terms or conditions of this warranty.

**For service or assistance visit [dometic.com](http://dometic.com) to locate your nearest service agent or call 1800 21 21 21 (AUS) or 09 622 1490 (NZ).**

## 10 Disposal



Recycling packaging material: Place the packaging material in the appropriate recycling waste bins wherever possible. This separation is necessary, as packaging is a valuable resource and improper disposal may impact human health and the environment.



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 centre or specialist dealer for details about how to do this in accordance with the applicable disposal regulations.





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