

Waeco RF60

Dometic CombiCool RF60 Multi-Power Fridge User Manual

Model: RF60 (9105203242)

1. INTRODUCTION

This user manual provides essential information for the safe and efficient operation of your Dometic CombiCool RF60 multi-power absorption fridge. Designed for versatility, this appliance can be powered by 12V DC, 230V AC, or gas, making it ideal for various applications such as camping, caravanning, or home use. Please read this manual thoroughly before initial use to ensure proper setup, operation, and maintenance.

2. SAFETY INSTRUCTIONS

WARNING: Failure to observe these warnings could result in serious injury or death.

- Always read and understand all instructions before operating the appliance.
- Ensure adequate ventilation when operating the fridge, especially when using gas. Never operate in unventilated or poorly ventilated areas.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Keep flammable materials and liquids away from the appliance.
- Do not damage the refrigerant circuit. If the refrigerant circuit is damaged, avoid open flames and ignition sources, and ventilate the room thoroughly.
- Only qualified personnel should carry out repairs to the appliance. Improper repairs can lead to considerable hazards.
- Disconnect the appliance from all power sources (12V, 230V, and gas) before any cleaning or maintenance.
- Ensure the appliance is placed on a stable, level surface to ensure proper operation and safety.

2.1 Electrical Safety

- Check that the voltage indicated on the rating plate corresponds to the mains supply voltage.
- Do not use the appliance if the power cable or plug is damaged.

- Avoid touching electrical components with wet hands.

2.2 Gas Safety

- Only use the appliance with the gas type specified on the rating plate.
- Ensure gas connections are secure and free from leaks. Use a leak detection spray if unsure.
- Always ensure proper ventilation when operating on gas. Carbon monoxide poisoning is a serious risk.
- Do not operate the appliance on gas while refuelling your vehicle.

3. SETUP

3.1 Unpacking

Carefully remove the appliance from its packaging. Retain the packaging for future transport or storage. Inspect the fridge for any signs of damage incurred during transit. If damage is found, do not operate the unit and contact your dealer immediately.

3.2 Placement

Place the Dometic CombiCool RF60 on a firm, level surface. Ensure there is sufficient space around the unit for proper air circulation, especially at the rear where the cooling unit is located. Avoid placing the fridge in direct sunlight or near heat sources, as this will reduce its cooling efficiency.



Figure 1: Front view of the Dometic CombiCool RF60 Fridge with the door closed.

3.3 Initial Connection

Before connecting to any power source, allow the fridge to stand upright for at least 6 hours if it has been transported horizontally. This allows the refrigerant fluid to settle. Once settled, you can proceed with connecting to your desired power source.

4. OPERATING INSTRUCTIONS

4.1 Power Modes

The Dometic CombiCool RF60 offers three power options:

- **12V DC Operation:** Connect the 12V DC cable to your vehicle's cigarette lighter socket or a suitable 12V power outlet. This mode is primarily for maintaining temperature while travelling. For optimal performance, ensure the vehicle engine is running to prevent battery drain.

- **230V AC Operation:** Connect the 230V AC cable to a standard mains power outlet. This mode provides the most consistent cooling performance and is suitable for use at home or campsites with electrical hook-up.
- **Gas Operation:** Connect the fridge to an approved LPG (Liquefied Petroleum Gas) cylinder using a suitable gas hose and regulator (not supplied). Ensure all connections are secure. To ignite, turn the gas supply on, press and hold the gas control knob, and repeatedly press the ignition button (which typically uses an AAA battery) until the flame ignites. Hold the knob for a few more seconds after ignition to ensure it stays lit. Always ensure proper ventilation when operating on gas.



Figure 2: Interior view of the Dometic CombiCool RF60 Fridge, highlighting its storage capacity and adjustable shelves.

4.2 Temperature Control

The temperature inside the fridge is controlled by a thermostat dial, usually located on the control panel. Turn the dial to adjust the cooling intensity. A higher setting typically means colder temperatures. Allow several hours for the fridge to reach its set temperature, especially during initial cool-down.

4.3 Door Lock and Vent Option

The fridge is equipped with a secure door lock to prevent accidental opening during transport. It also features a vent option, which allows the door to be slightly ajar when the fridge is not in use. This prevents the build-up of odours and mildew inside the appliance.

4.4 Adjustable Shelves

The interior of the fridge includes adjustable shelves, allowing you to customize the storage space according to your needs. To adjust, simply lift the shelf and reposition it into the desired slots.

5. MAINTENANCE

5.1 Cleaning

Regular cleaning of your fridge will ensure optimal performance and hygiene. Disconnect the appliance from all power sources before cleaning.

- **Interior:** Clean the interior with a soft cloth and a mild detergent solution. Rinse with clean water and dry thoroughly. Do not use abrasive cleaners or harsh chemicals.
- **Exterior:** Wipe the exterior surfaces with a damp cloth.
- **Rear Cooling Unit:** Periodically clean dust and debris from the rear cooling unit with a soft brush or vacuum cleaner to ensure efficient heat dissipation.

5.2 Defrosting

Over time, frost may build up on the cooling fins. When the frost layer becomes thick (approximately 3mm), the fridge should be defrosted. Disconnect the appliance from all power sources, remove all contents, and leave the door open. Place a towel or tray to collect any meltwater. Once defrosted, clean and dry the interior before restarting.

5.3 Storage

When storing the fridge for an extended period, ensure it is clean and completely dry. Leave the door slightly ajar using the vent option to prevent odours and mildew. Store in a dry, well-ventilated area.

6. TROUBLESHOOTING

If your Dometic CombiCool RF60 is not operating as expected, please consult the following table before contacting service.

Problem	Possible Cause	Solution
Fridge not cooling	No power supply (12V/230V) or gas supply Thermostat set too high Poor ventilation Appliance not level	Check power connections and fuses; ensure gas cylinder is open and full Adjust thermostat to a colder setting Ensure adequate airflow around the cooling unit Place on a level surface
Gas flame not igniting	No gas supply Ignition button battery flat Air in gas line	Check gas cylinder and connections Replace AAA battery in ignition button Purge air by attempting ignition several times
Excessive noise	Appliance not level Loose components	Ensure the fridge is on a stable, level surface Check for any loose parts and secure them
Water accumulation inside	Normal defrosting process Door not sealed properly	This is normal; ensure proper drainage Check door seal for damage or obstructions

If the problem persists after attempting these solutions, please contact an authorized service centre.

7. SPECIFICATIONS

Feature	Specification
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Feature	Specification
Model	RF60
Model Number	9105203242
Capacity	Approximately 61 Litres
Cooling Technology	Absorption Cooling
Power Input	12V DC, 230V AC, Gas
Energy Consumption (AC)	1.90 kWh/24h (EN 62552)
Energy Consumption (DC)	2.64 kWh/24h (at 5/25°C)
Product Dimensions (D x W x H)	19.13 x 19.29 x 24.21 cm (approx.)
Item Weight	23.4 kg
Special Features	Adjustable Shelves, Door Lock with Vent Option



Figure 3: Dometic CombiCool RF60 Fridge with approximate dimensions.

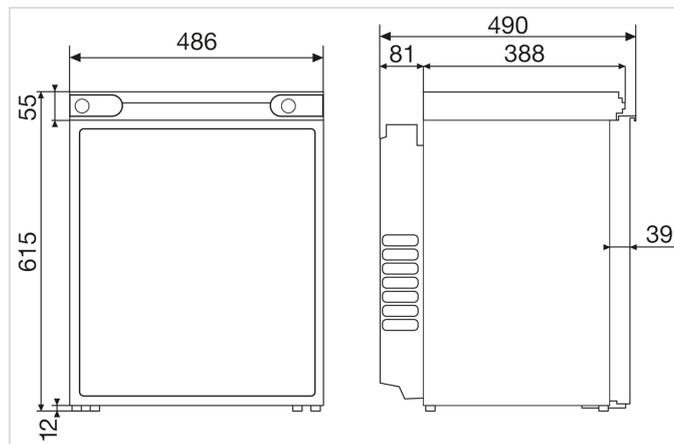


Figure 4: Technical drawing illustrating precise dimensions of the Dometic CombiCool RF60.

8. WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your purchase or visit the official Dometic website. In case of technical issues or for spare parts, please contact your authorized Dometic dealer or customer support. Please have your model number (RF60 or 9105203242) and purchase date ready when contacting support.

No official product videos from the seller are available for embedding at this time.