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Makita CW004GZ

Makita 40V Portable Refrigerator/Warmer Box

Model: CW004GZ

Introduction

The Makita 40V Portable Refrigerator/Warmer Box (Model CW004GZ) is a versatile 29-liter unit designed for cooling or warming contents. It features a compressor cooling system for efficient temperature control, IPX4 water resistance for use in various environments, and multiple power options including 40Vmax/18V LXT batteries, AC, and DC power. This manual provides essential information for safe and effective operation, maintenance, and troubleshooting.



Figure 1: Overall view of the Makita 40V Portable Refrigerator/Warmer Box.

Safety Information

Please read all safety warnings and instructions carefully before operating the unit to prevent injury or damage.

- Do not immerse the unit in water. The IPX4 rating indicates resistance to splashing water, not submersion.
- Ensure proper ventilation around the unit, especially the compressor area, to prevent overheating.
- Use only specified Makita batteries and chargers.
- Do not block the air vents.
- Keep out of reach of children.
- Disconnect power before cleaning or performing maintenance.
- Avoid placing hot items directly into the cooling compartment without allowing them to cool slightly first.

Setup

Unpacking

Carefully remove the unit from its packaging. Inspect for any damage during transit. Retain packaging for future storage or

transport if needed.

Battery Installation

The unit supports Makita 40Vmax and 18V LXT batteries. Open the battery box lid located on the top of the unit. Insert fully charged batteries into the designated slots until they click into place. The battery box lid protects batteries from water, dust, and direct solar radiation.



Figure 2: View of the battery compartment with two batteries installed.

Powering Options

The unit can be powered by:

- **Makita 40Vmax/18V LXT Batteries:** Provides portable operation.
- **AC Power:** Connect the supplied AC adapter to a standard wall outlet.
- **DC Power:** Connect to a vehicle's 12V/24V DC outlet using the supplied car adapter.



Figure 3: Connecting the unit to an AC power outlet.

Initial Use

Before first use, it is recommended to clean the interior with a damp cloth. Allow the unit to run for at least 30 minutes to reach the desired temperature before loading contents.

Operating Instructions

Control Panel and LED Display

The control panel features an LED display showing the internal temperature and battery charge levels. Buttons allow for temperature adjustment, mode selection (cooling/warming), and power on/off.



Figure 4: Close-up of the control panel and interior LED light.

Temperature Control (Cooling/Warming)

Use the temperature adjustment buttons to set the desired internal temperature. The unit can cool down to -18°C (0°F) and warm up to 60°C (140°F). The compressor cooling system ensures efficient performance.

Loading Contents

The 29-liter capacity allows for various items, including 2-liter bottles standing upright. For optimal performance, pre-chill or pre-warm items before placing them in the unit.



Figure 5: Demonstrating the internal capacity by placing a 2-liter bottle.

Portability Features

The unit is equipped with a foldable carry handle and wheels for easy transport. This makes it ideal for camping, job sites, or vehicle use.



Figure 6: The unit with its foldable handle extended and wheels for easy transport.



Figure 7: The unit positioned in a vehicle for portable use.

Bottle Opener

A convenient bottle opener is integrated on the side of the device for easy access.

Deep Discharge Protection

The unit features deep discharge protection, automatically switching off when the battery level is low to prevent damage to the batteries.

Maintenance

Cleaning

Clean the interior and exterior of the unit with a soft, damp cloth and mild detergent. Do not use abrasive cleaners or solvents. Ensure the unit is unplugged and batteries are removed before cleaning. Allow to dry completely before re-use or storage.

Storage

When not in use for extended periods, store the unit in a clean, dry place. Ensure the lid is slightly ajar to prevent odors and mildew buildup. Remove batteries if storing for a long time.

Battery Care

Always use genuine Makita batteries and chargers. Store batteries in a cool, dry place away from direct sunlight. Do not store fully discharged batteries for extended periods.

Troubleshooting

Problem	Possible Cause	Solution
Unit not turning on.	No power supply; low battery; power cable not connected.	Check battery charge; ensure AC/DC cable is securely connected; try a different power source.
Not cooling/warming effectively.	Vents blocked; ambient temperature too high/low; lid not sealed properly; too many items.	Clear vents; ensure lid is closed tightly; reduce contents; operate within recommended ambient temperatures.
LED display not working.	Power issue; internal fault.	Check power supply; if problem persists, contact Makita service.
Unit automatically shuts off.	Deep discharge protection activated (low battery).	Recharge or replace batteries.

Specifications

Feature	Detail
Brand	Makita
Model Number	CW004GZ
Capacity	29 Liters
Product Dimensions (LxWxH)	26.61"D x 13.58"W x 18.54"H
Item Weight	20.9 Kilograms
Color	Turquoise
Material	Plastic, Polyurethane Foam (Insulation)
Special Feature	Compressor Cooling System, IPX4 Water Resistance, Bottle Opener, Deep Discharge Protection, Foldable Carry Handle, Wheels
Power Source	40Vmax/18V LXT Batteries, AC, DC (12V/24V)
UPC	088381784221

Warranty and Support

For warranty information, technical support, or service inquiries, please contact Makita customer service or visit the official Makita website. Keep your purchase receipt as proof of purchase.

Official Makita Website: www.makitatools.com

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