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› Setpower 12V Refrigerator Electric Coolers for Vehicles AC/DC, 15L/15.8QT Car Fridge Portable Freezer, Plug In Cooler, 12/24V DC & 110/240V AC for Truck RV SUV Travel Camping, White 16QT White User Manual

## Setpower MC15

# Setpower 12V Portable Refrigerator User Manual

Model: MC15

Brand: Setpower

## 1. INTRODUCTION

Thank you for choosing the Setpower 12V Portable Refrigerator. This electric cooler is designed for versatile use in vehicles, including trucks, RVs, SUVs, and for travel and camping. It functions as both a refrigerator and a freezer, providing reliable cooling for your food and beverages on the go. This manual provides essential information for the safe and efficient operation of your new appliance.



Image: The Setpower 12V Portable Refrigerator shown with its power cables and fixed ropes.

## 2. PACKAGE CONTENTS

Please verify that all items are present in the package:

- 1 x Setpower Car Refrigerator
- 1 x 12/24V DC Power Cable
- 1 x 100-240V AC Adapter
- 4 x Fixed Ropes
- User Manual (this document)



### 3. KEY FEATURES

- **Anti-Tilt Design:** Operates effectively even at a 40° tilt angle, suitable for uneven terrain.
- **Low Noise Operation:** Designed to run quietly at only 42dB, ensuring minimal disturbance.
- **Compact Capacity:** Available in 15.8 quart (15 Liter) and 21 quart (20 Liter) options, ideal for short trips (2-3 days).
- **Easy Operation:** Simple 3-button control with memory function to retain previous settings.
- **3-Level Battery Protection:** Monitors vehicle battery voltage to prevent draining and protect against overload or short-circuit.
- **Fast Cooling:** Achieves 32°F from 77°F in approximately 15 minutes, and can reach -4°F in about an hour.
- **Low Power Consumption:** Average energy consumption is only 45W.
- **Removable 2-Way Door:** The door can be reversed to open from either side, adapting to your needs.

### 4. SETUP

#### 4.1 Power Connection

The Setpower refrigerator supports both DC (12V/24V) and AC (110V/240V) power inputs. Choose the appropriate cable for your power source.

- **DC Power:** Connect the 12/24V DC power cable to your vehicle's cigarette lighter socket or a compatible DC power outlet.
- **AC Power:** Use the 100-240V AC adapter to connect the refrigerator to a standard home outlet.

# Multiple Power Supplies



Power Station

Solar Panel



110-240V

Home Outlet



12V Car

24V Truck



Image: The refrigerator can be powered by various sources, including power stations, solar panels, standard wall outlets, and vehicle power outlets (12V car or 24V truck).

## 4.2 Securing the Refrigerator

For vehicle use, especially on bumpy roads, utilize the included fixed ropes to secure the refrigerator. Four holes are located on both sides of the unit for firm attachment.

# Anti-tilt Design

4 fixed ropes are included to fasten the refrigerator on the car



Image: The refrigerator's anti-tilt design allows it to function well even when tilted, and it can be secured using the provided ropes.

## 5. OPERATING INSTRUCTIONS

### 5.1 Control Panel

The refrigerator features a simple control panel with three buttons and an LED display.

# Easy Operation

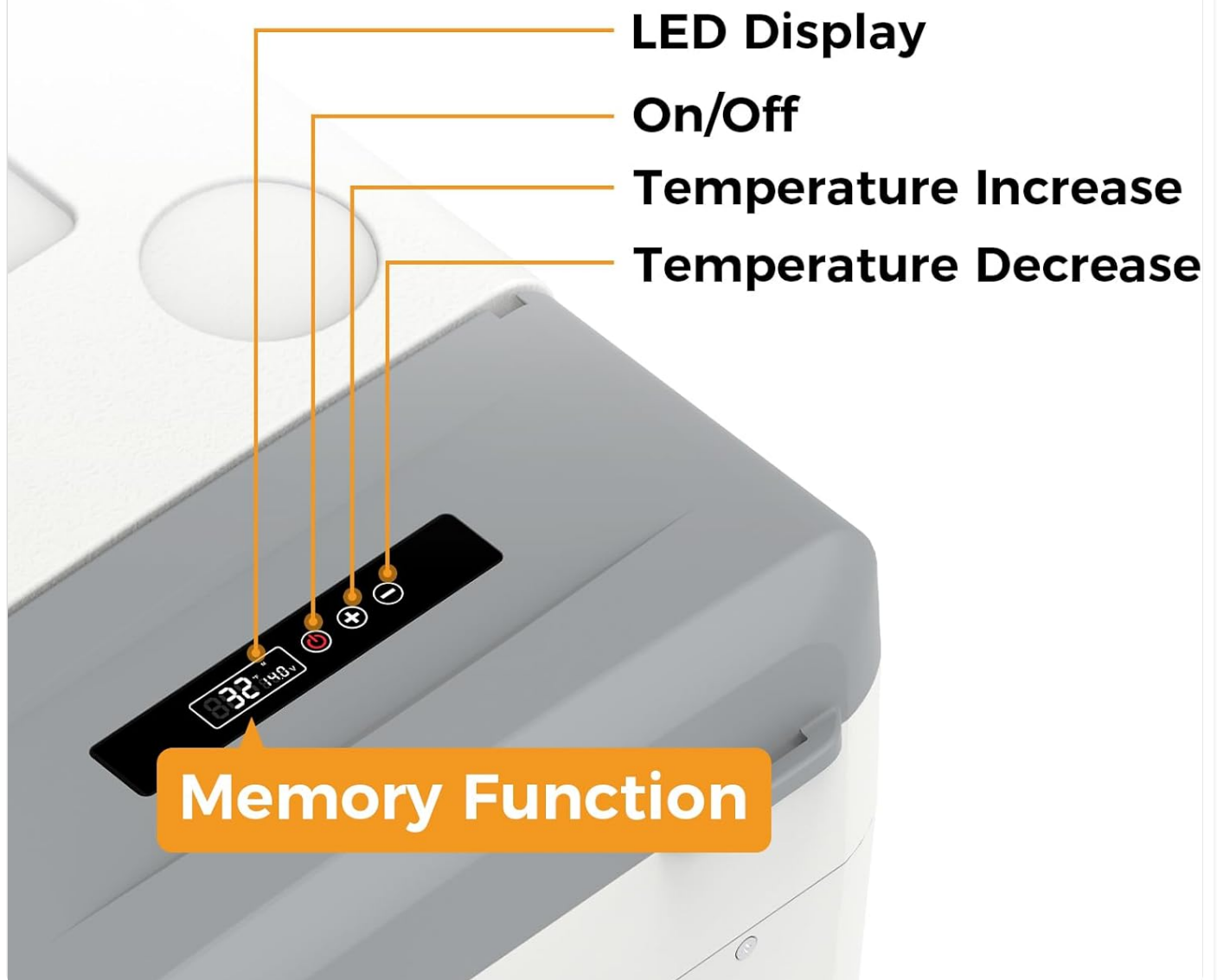


Image: The control panel features an LED display, On/Off button, and temperature adjustment buttons. It also has a memory function.

- **On/Off Button:** Press to power the unit on or off.
- **Temperature Increase (+):** Press to raise the target temperature.
- **Temperature Decrease (-):** Press to lower the target temperature.
- **Memory Function:** The unit will automatically return to the last set temperature when reconnected to power.

## 5.2 Temperature Settings and Cooling Performance

The temperature range is from -4°F (-20°C) to 68°F (20°C). The powerful variable frequency compressor ensures rapid cooling.

- Cools from 77°F (25°C) to 32°F (0°C) in approximately 15 minutes.
- Reaches the lowest temperature of -4°F (-20°C) in about an hour.

# 15 Mins Fast Cooling

Avg. power consumption is only **45w**



## 3-Year

Compressor Guarantee



Image: The refrigerator boasts fast cooling, reaching 32°F in 15 minutes and -4°F in 45 minutes, with an average power consumption of 45W.

### 5.3 Battery Protection Levels

The 3-level battery monitor prevents your vehicle's battery from being drained. You can select the desired protection level based on your needs.



Image: The battery protection mode prevents over-discharge. The compressor will shut off if the measured DC voltage falls below the cut-out value and restart when it's above the cut-in value. Improper settings may cause an E1 error.

5.4 Quiet Operation

The refrigerator operates at a low noise level of 42dB, comparable to a quiet whisper, ensuring a comfortable environment.



Image: The Setpower refrigerator operates at a professional quiet level of 42dB, ensuring a comfortable and undisturbed environment.

5.5 Removable 2-Way Door

The refrigerator's door can be easily removed and re-attached to open from either the left or right side, providing flexibility for placement and access.

# Removable 2-Way Door

You can change the direction of the door according to your needs

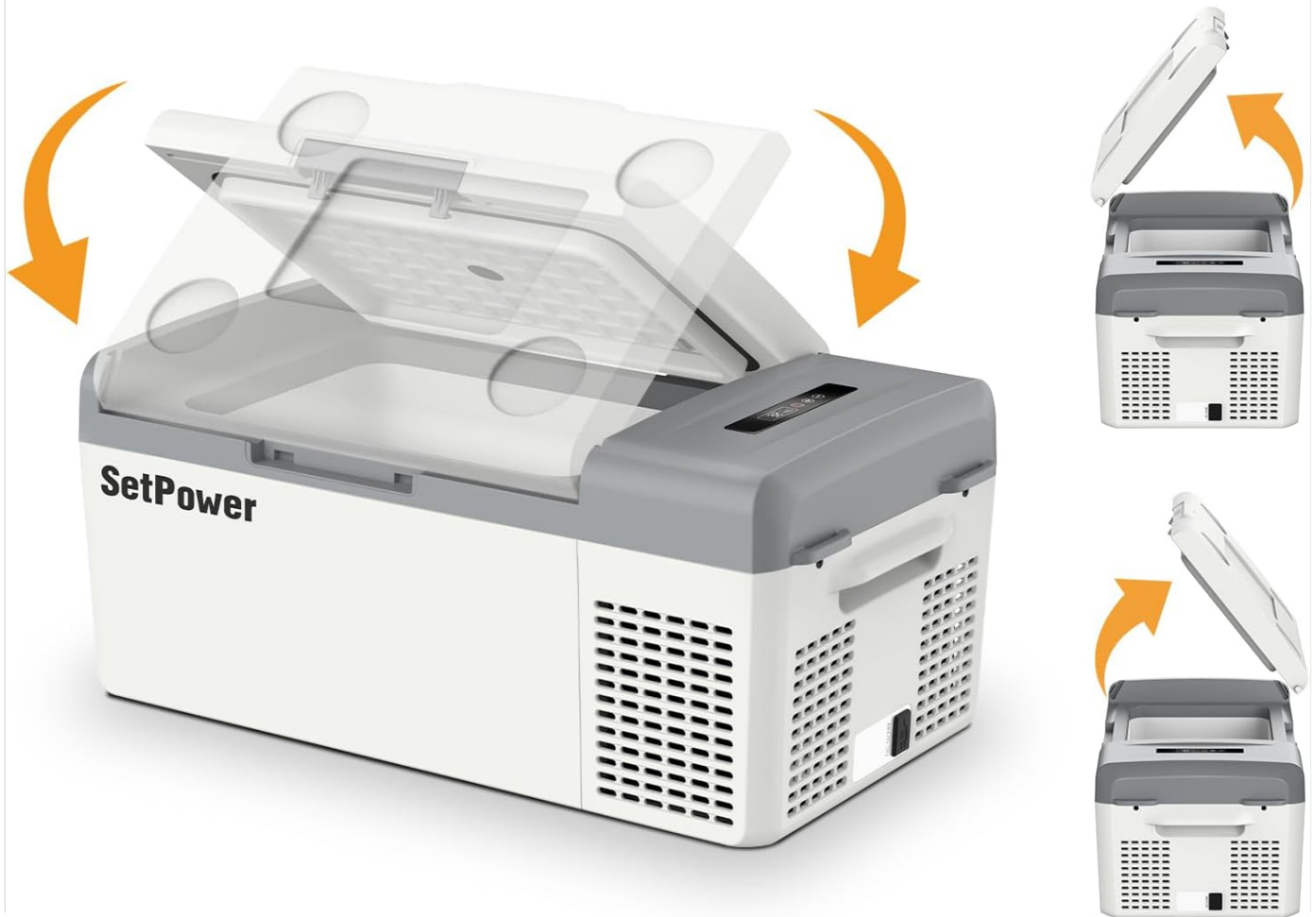


Image: The removable 2-way door allows you to change the direction of the door opening according to your needs.

## 5.6 Usage as Refrigerator or Freezer

The unit can function as either a freezer (down to  $-4^{\circ}\text{F}$ ) or a refrigerator ( $32^{\circ}\text{F}$  to  $68^{\circ}\text{F}$ ) depending on your temperature setting.



Image: The Setpower unit can be used as a freezer for items like meat and ice cream, or as a refrigerator for fresh produce and drinks.

## 6. MAINTENANCE

- **Cleaning:** Regularly clean the interior and exterior with a damp cloth and mild detergent. Do not use abrasive cleaners.
- **Defrosting:** The unit features automatic defrost. If ice buildup occurs, manually defrost by turning off the unit and allowing ice to melt.
- **Storage:** When not in use for extended periods, ensure the unit is clean and dry. Store with the lid slightly ajar to prevent odors.

## 7. TROUBLESHOOTING

If you encounter issues with your Setpower refrigerator, please refer to the following common solutions:

- **Unit not powering on:** Check power connections (DC/AC) and ensure the power source is active. Verify the battery protection level is not too high, causing the unit to cut off power.
- **Not cooling effectively:** Ensure the lid is properly sealed. Check for obstructions around the ventilation grilles. Verify the temperature setting is appropriate for desired cooling.
- **Unusual noise:** A slight gurgling sound is normal during operation. If the noise is excessive, ensure the unit is on a stable, flat surface.
- **Error Codes:** If an error code appears on the display (e.g., E1), consult the full user manual for specific meanings and troubleshooting steps.

For persistent issues, please contact Setpower customer support.

## 8. SPECIFICATIONS

| Specification             | Value                   |
|---------------------------|-------------------------|
| Brand Name                | Setpower                |
| Model Info                | MC15                    |
| Item Weight               | 22.4 pounds             |
| Product Dimensions        | 24 x 10.5 x 13 inches   |
| Capacity                  | 15.8 Quarts (15 Liters) |
| Annual Energy Consumption | 45 Watts                |
| Installation Type         | Freestanding            |
| Form Factor               | Portable                |
| Color                     | White                   |

| Specification   | Value                              |
|-----------------|------------------------------------|
| Voltage         | 12 Volts (12/24V DC & 110/240V AC) |
| Defrost System  | Automatic                          |
| Door Hinges     | Reversible                         |
| Material Type   | Plastic                            |
| Number Of Doors | 1                                  |

## 9. WARRANTY AND SUPPORT

Setpower provides comprehensive support for your product:

- **Compressor Warranty:** 3 years of technical support on the compressor.
- **Other Parts Warranty:** 1 year warranty for all other parts.

For technical assistance or warranty claims, please contact Setpower customer service through their official channels.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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