

AstroAI M060G

AstroAI M060G 6L Mini Fridge User Manual

Portable Thermoelectric Cooler and Warmer with Temperature Control

1. INTRODUCTION

The AstroAI M060G 6L Mini Fridge is a versatile and portable thermoelectric device designed for both cooling and warming. This unit is ideal for storing beverages, snacks, cosmetics, and medications at home, in the office, or during travel. Its compact design and dual power options (AC/DC) offer convenience and flexibility.

Key features include precise temperature control via an LCD display, quiet operation, and a semiconductor cooling chip that is environmentally friendly.



Image 1: The AstroAI M060G 6L Mini Fridge, green and white, with its door open revealing stored items like drinks and packaged food.

2. IMPORTANT SAFETY INSTRUCTIONS

Please read and understand all safety instructions before operating this appliance to prevent injury or damage.

- Ensure proper ventilation around the unit. Do not block the fan or ventilation openings.
- Unplug the appliance from the power source before cleaning or performing any maintenance.
- Do not immerse the unit, power cords, or plugs in water or other liquids.

- Avoid operating the unit in direct sunlight or in extremely hot or cold environments.
- Use only the provided power adapters (AC 220-240V and DC 12V).
- When using the 12V DC car adapter, do not leave the mini fridge connected for extended periods when the vehicle engine is off to prevent battery drain.
- Keep out of reach of children.
- Do not attempt to disassemble or repair the unit yourself. Contact customer support for assistance.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- AstroAI M060G 6L Mini Fridge Unit
- AC Power Cord (for home use)
- DC Power Cord (for car use)
- User Manual

4. PRODUCT OVERVIEW

Familiarize yourself with the components of your AstroAI Mini Fridge.

- **Front Panel:** Features an LCD display for temperature, Power button, SET button, UP button, and DOWN button.
- **Interior:** Includes a removable shelf for organizing contents.
- **Rear Panel:** Contains AC and DC power input ports and a cooling fan.
- **Top Handle:** Integrated carry handle for portability.

Semiconductor Refrigeration Chip



Image 2: A detailed view of the AstroAI M060G Mini Fridge, highlighting the front control panel with its LCD display and buttons, and the rear panel with AC and DC power input ports and the cooling fan.

6L COMPACT CAPACITY



Image 3: A diagram illustrating the external and internal dimensions of the AstroAI M060G 6L Mini Fridge, including measurements in inches and centimeters, and showing its 6L compact capacity.

5. SETUP

- 1. Placement:** Place the mini fridge on a flat, stable surface. Ensure there is at least 10 cm (4 inches) of space around all sides, especially the rear, for proper ventilation.
- 2. Power Connection:**
 - **For Home Use (AC):** Connect the AC power cord to the AC port on the rear of the fridge, then plug the other end into a standard 220-240V wall outlet.
 - **For Car Use (DC):** Connect the DC power cord to the DC port on the rear of the fridge, then plug the other end into your vehicle's 12V cigarette lighter socket.
- 3. Initial Use:** After connecting to power, allow the unit to sit for at least 30 minutes before placing items inside, especially if switching between cooling and warming functions.

6. OPERATING INSTRUCTIONS

6.1 Power On/Off

Press the **POWER** button on the front panel to turn the unit on or off.

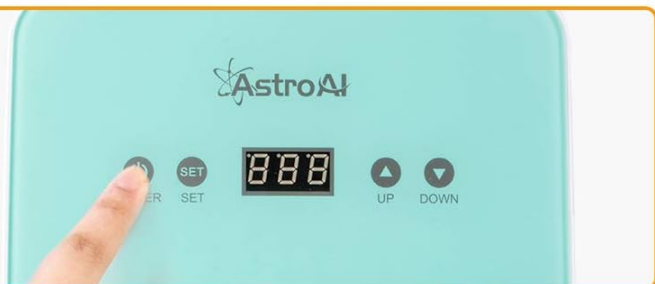
6.2 Temperature Control

The AstroAI M060G allows you to set a precise target temperature.

1. Plug in and turn on the fridge.
2. Press the **SET** button once to display the current internal temperature.
3. Use the **UP** and **DOWN** buttons to adjust the desired target temperature. The temperature range is from 2°C to 60°C (35.6°F to 140°F).
4. The unit will automatically adjust its operation to reach and maintain the set temperature.

HOW TO SET TEMPERATURE

Plug in and turn on
the fridge



Press 'SET' to display
the lowest temperature



Use the UP and DOWN
buttons to adjust
the temperature



Press and hold 'SET'
to activate sleep mode



Tip: Press and hold both the UP and DOWN buttons for 3 seconds to switch between C and F

Image 4: A visual guide demonstrating the steps to set the temperature on the AstroAI M060G Mini Fridge using the Power, SET, UP, and DOWN buttons.

6.3 Cooling Function

The unit can cool items down to 20°C (68°F) below the ambient room temperature. This function is suitable for:

- Beverages (e.g., soda cans, small water bottles)
- Cosmetics and skincare products
- Certain medications (consult medication storage requirements)
- Small food items (e.g., yogurt, fruit)

6.4 Warming Function

The unit can warm items up to 60°C (140°F). This function is suitable for:

- Keeping food warm (e.g., small meals, baby bottles)
- Warming coffee or other beverages



Image 5: An illustration showing the dual functionality of the AstroAI M060G Mini Fridge, capable of cooling items to 18-22°C below ambient and warming items up to 66°C, with examples of suitable contents for each mode.

6.5 Sleep Mode

To activate Sleep Mode, press and hold the **SET** button. In Sleep Mode, the fan operates at a lower speed, reducing

noise to approximately 25 dB, and the display dims for a less disruptive environment.



Image 6: The AstroAI M060G Mini Fridge positioned next to a bed, illustrating its quiet 25dB Sleep Mode, suitable for use in bedrooms or quiet environments.

6.6 Temperature Unit Switch

To switch between Celsius (°C) and Fahrenheit (°F), press and hold both the **UP** and **DOWN** buttons simultaneously for 3 seconds.

7. MAINTENANCE

7.1 Cleaning

1. Always unplug the unit from the power source before cleaning.
2. Wipe the interior and exterior surfaces with a soft, damp cloth. For stubborn stains, use a mild detergent.
3. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the unit.
4. Ensure the fan and ventilation openings are free from dust and debris. Use a soft brush or vacuum cleaner to gently clean them if necessary.

7.2 Condensation

It is normal for some condensation to form inside the unit, especially in humid conditions. Regularly wipe away any accumulated moisture with a clean, dry cloth to prevent water buildup.

7.3 Storage

If the unit will not be used for an extended period, unplug it, clean it thoroughly, and ensure it is completely dry. Store it in a cool, dry, and well-ventilated area, away from direct sunlight and extreme temperatures.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not power on.	No power supply; loose connection; faulty outlet.	Check if the power cord is securely plugged into both the unit and the power source. Try a different outlet or power source.
Unit not cooling/heating effectively.	Blocked ventilation; door not closed properly; ambient temperature too high/low; unit overloaded.	Ensure adequate space around the unit for ventilation. Close the door tightly. Avoid placing hot items in cooling mode or cold items in warming mode. Do not overload the unit.
Excessive noise.	Fan obstruction; unit not on a stable surface.	Check if anything is blocking the fan. Ensure the unit is placed on a stable, level surface. Activate Sleep Mode for quieter operation.
Condensation inside the unit.	Normal operation, especially in humid conditions.	Wipe away accumulated moisture regularly with a clean, dry cloth.

9. SPECIFICATIONS

Feature	Detail
Model	M060G
Capacity	6 Liters (approx. 8 x 330ml cans or 6 x 355ml cans)
External Dimensions (W x D x H)	19.5 cm x 26.5 cm x 29 cm (7.67 in x 10.43 in x 11.29 in)
Internal Dimensions (W x D x H)	15.5 cm x 14.3 cm x 24 cm (6.1 in x 5.63 in x 9.49 in)
Weight	3.05 kg (6.72 lbs)
Power Input	AC 220-240V, DC 12V
Cooling Performance	Cools down to 20°C (68°F) below ambient temperature
Heating Performance	Heats up to 60°C (140°F)

Feature	Detail
Noise Level	Approximately 25 dB (in Sleep Mode)
Certifications	CE, FCC, ETL, RoHS

10. WARRANTY AND SUPPORT

10.1 Warranty Information

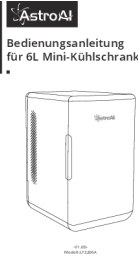


AstroAI products are manufactured to high-quality standards. If you encounter any issues with the product quality, please refer to the warranty policy provided with your purchase or contact AstroAI customer support directly.

10.2 Customer Support

For technical assistance, troubleshooting, or any questions regarding your AstroAI M060G Mini Fridge, please contact AstroAI customer support. Contact details can typically be found on the official AstroAI website or on the product packaging.



Related Documents - M060G

	<p>AstroAI 6L Mini Fridge User Manual - Cooling and Warming Guide</p> <p>Comprehensive user manual for the AstroAI 6L Mini Fridge (Model LY2206A). Learn how to operate, maintain, and troubleshoot your portable cooler and warmer for both car and home use. Includes safety information, dimensions, and specifications.</p>
	<p>AstroAI 6 Liter Mini Fridge User Manual</p> <p>Comprehensive user manual for the AstroAI 6 Liter Mini Fridge, covering operation, safety, troubleshooting, and maintenance for both cooling and warming modes. Includes specifications and warranty information.</p>
	<p>AstroAI CF35 Portable Refrigerator and Freezer User Manual</p> <p>Comprehensive user manual for the AstroAI CF35 portable refrigerator and freezer, covering setup, operation, safety instructions, specifications, troubleshooting, and warranty information.</p>

AstroAI
4L Mini Fridge
User Manual



[AstroAI 4L Mini Fridge User Manual - LY0204A](#)

User manual for the AstroAI 4L Mini Fridge, model LY0204A. Provides safety information, operating instructions for cool and warm modes, troubleshooting tips, maintenance guidelines, specifications, and warranty details.

AstroAI



CF45
CAR FRIDGE AND FREEZER
PORTABLE REFRIGERATOR
USER MANUAL

[AstroAI CF45 Portable Refrigerator User Manual](#)

Comprehensive user manual for the AstroAI CF45 portable car fridge and freezer, covering setup, operation, safety, troubleshooting, and specifications.

AstroAI



NCF55
CAR FRIDGE AND FREEZER
PORTABLE REFRIGERATOR
USER MANUAL

[AstroAI NCF55 Portable Refrigerator User Manual](#)

User manual for the AstroAI NCF55 portable refrigerator and freezer, providing detailed instructions on operation, safety precautions, troubleshooting, and warranty information for optimal use in cars, RVs, and outdoor activities.