

GARRISON 2477801

GARRISON 2477801 R-410A Through-The-Window Heat/Cool Air Conditioner User Manual

Model: 2477801

INTRODUCTION

This manual provides detailed instructions for the safe operation, installation, and maintenance of your GARRISON 2477801 R-410A Through-The-Window Heat/Cool Air Conditioner. Please read this manual thoroughly before using the appliance and retain it for future reference. This unit is designed to provide comfortable cooling and heating for areas up to 350 square feet.

IMPORTANT SAFETY INFORMATION

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and injury to persons.

- Read all instructions before using this appliance.
- This appliance must be properly installed in accordance with the installation instructions before it is used.
- Never unplug the air conditioner by pulling on the power cord. Always grip the plug firmly and pull straight out from the receptacle.
- Do not pinch, bend, or knot the power cord.
- Do not operate any air conditioner with a damaged cord or plug.
- Do not use an extension cord or an adapter plug with this unit.
- Do not remove the ground prong from the power cord.
- Always turn off and unplug the air conditioner before cleaning or servicing.
- Keep packaging materials (plastic bags, foam, etc.) out of reach of children.
- This appliance 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 appliance by a person responsible for their safety.

PACKAGE CONTENTS

Verify that all parts are included in your package:

- GARRISON 2477801 Window Air Conditioner Unit
- Remote Control (requires 2 AAA batteries, included)
- Installation Kit (side panels, top mounting rail, sash lock, foam seals, screws)
- User Manual

PRODUCT OVERVIEW



Figure 1: Front view of the GARRISON 2477801 Window Air Conditioner. Shows the main grille, control panel, and side vents.

The GARRISON 2477801 is a versatile through-the-window air conditioner designed for both cooling and heating. It features an intuitive electronic control panel with an LED display and comes with a remote control for convenient operation. Key components include:

- **Control Panel:** Located on the front of the unit, providing access to all functions.
- **Air Filter:** Easily accessible for cleaning, located behind the front grille.
- **Air Louvers:** Adjustable to direct airflow.
- **Power Cord:** Standard 120V plug.
- **Remote Control:** Allows operation from a distance, including the "Follow Me" function.

SETUP AND INSTALLATION

This unit is designed for installation in standard double-hung windows with opening widths between 23 and 36 inches. Ensure the window opening height is at least 16.5 inches. The unit weighs 71 pounds, so it is recommended to have two people for installation.

Pre-Installation Checklist:

- Ensure the window frame is sturdy enough to support the unit's weight.
- Verify the electrical outlet is a standard 120V, 3-prong grounded outlet. Do not use extension cords.
- Gather necessary tools: Phillips head screwdriver, measuring tape, level.

Installation Steps:

1. **Prepare the Window:** Open the window sash and clean the window sill.
2. **Attach Top Mounting Rail:** Secure the top mounting rail to the top of the air conditioner unit using the provided screws.
3. **Install Accordion Panels:** Slide the left and right accordion panels into the side channels of the unit.
4. **Place Unit in Window:** Carefully lift the unit and place it into the window opening, ensuring the bottom rail rests on the window sill. Tilt the unit slightly outwards (about 1/4 inch) to allow for proper condensate drainage.
5. **Extend Accordion Panels:** Pull out the accordion panels to fill the window opening on both sides.
6. **Secure Unit:** Lower the window sash down onto the top mounting rail. Use the sash lock to secure the window in place. Install side brackets and screws to firmly attach the unit to the window frame.
7. **Apply Foam Seals:** Apply the provided foam seals around the unit to prevent air leakage and improve insulation.
8. **Plug In:** Once securely installed, plug the unit into a grounded 120V outlet.

OPERATING INSTRUCTIONS

Your GARRISON air conditioner can be operated using the control panel on the unit or the remote control.

Control Panel and Remote Control Functions:

- **Power Button (U):** Turns the unit ON or OFF.
- **Mode Button:** Cycles through operating modes:
 - **Cool:** Provides cooling. Adjustable temperature and fan speed.
 - **Heat:** Provides heating. Adjustable temperature and fan speed.
 - **Fan:** Circulates air without cooling or heating. Adjustable fan speed (Low, Med, High).
 - **Dry (Dehumidifier):** Reduces humidity in the room.
 - **Auto:** Automatically selects cooling, heating, or fan only mode based on the set temperature and ambient room temperature.
- **Temp/Timer Buttons (^ / v):** Adjusts the set temperature or sets the timer.
- **Fan Speed Button:** Selects fan speed (Auto, Low, Med, High).
- **Sleep Mode Button:** Activates sleep mode for quiet operation and energy saving during sleep. The temperature will gradually increase (in cooling mode) or decrease (in heating mode) over time.
- **Timer Button:** Sets a delay for the unit to turn ON or OFF. Press to activate, then use Temp/Timer buttons to set the desired delay time (1-24 hours).
- **Follow Me Button:** Activates the "Follow Me" function. The remote control acts as a thermostat, sensing the temperature at its location and adjusting the unit's operation to maintain the set temperature at the remote's position. Keep the remote within range of the unit.
- **Check Filter Indicator:** Illuminates when the air filter needs cleaning. Reset after cleaning.

Using the Remote Control:

Insert 2 AAA batteries (included) into the remote control. Point the remote control directly at the unit's receiver window for

optimal performance. The remote control duplicates most functions available on the unit's control panel, including mode selection, temperature adjustment, fan speed, timer, sleep mode, and Follow Me function.

MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your air conditioner.

Cleaning the Air Filter:

The air filter should be cleaned every two weeks or when the "Check Filter" indicator light illuminates. A dirty filter can reduce cooling/heating efficiency and airflow.

1. **Turn Off and Unplug:** Always turn off the unit and unplug it from the power outlet before cleaning.
2. **Remove Filter:** Open the front grille and slide out the air filter.
3. **Clean Filter:** Wash the filter with warm, soapy water. Rinse thoroughly. For heavily soiled filters, a vacuum cleaner can be used to remove loose dust.
4. **Dry Filter:** Allow the filter to air dry completely before reinstalling. Do not expose to direct sunlight or excessive heat.
5. **Reinstall Filter:** Slide the dry filter back into its slot and close the front grille.
6. **Reset Filter Indicator:** If the "Check Filter" light was on, press the "Check Filter" button on the control panel (or remote, if available) to reset it.

Cleaning the Unit Casing:

Wipe the unit's casing with a soft, damp cloth. Do not use harsh chemicals, abrasives, or waxes, as these can damage the surface.

Winter Storage:

If the unit will not be used for an extended period, especially during winter, it is recommended to remove it from the window, clean it thoroughly, and store it in a dry, cool place. Cover the unit to protect it from dust.

TROUBLESHOOTING

Before contacting customer service, please refer to the following table for common issues and their solutions.

Problem	Possible Cause	Solution
Unit does not start.	No power; Power cord not fully plugged in; Blown fuse/tripped circuit breaker.	Ensure unit is plugged into a live 120V outlet; Check household fuse/circuit breaker.
Unit does not cool/heat sufficiently.	Dirty air filter; Airflow blocked; Room too large; Doors/windows open; Temperature setting too high/low.	Clean air filter; Remove obstructions; Close doors/windows; Adjust temperature setting.
Unit is noisy.	Loose installation; Fan hitting obstruction; Normal operating sounds.	Ensure unit is securely installed; Check for obstructions; Some noise (fan, refrigerant flow) is normal.
Water dripping inside.	Unit not tilted properly; Drain hole blocked.	Ensure unit is tilted slightly outwards; Check and clear drain hole if accessible.

Problem	Possible Cause	Solution
Remote control not working.	Dead batteries; Obstruction between remote and unit; Remote too far.	Replace batteries (2 AAA); Remove obstructions; Move closer to unit.

SPECIFICATIONS

Feature	Detail
Model Number	2477801
Brand	GARRISON
Type	Through-The-Window Heat/Cool Air Conditioner
Cooling Capacity	8000 BTU
Heating Capacity	8000 BTU (Heat Pump)
Coverage Area	Up to 350 Square Feet
Power Source	Corded Electric
Voltage	120 Volts
Refrigerant	R-410A
Product Dimensions (D x W x H)	22.6" x 23" x 16.1"
Item Weight	71 pounds
Control Type	Electronic with Remote Control
Special Features	Dehumidifier, Remote Control, Sleep Mode, 24-hour Timer, Follow Me Function
Batteries for Remote	2 AAA batteries (included)

WARRANTY AND SUPPORT

Your GARRISON 2477801 Air Conditioner comes with a comprehensive warranty:

- **Full 1-Year Warranty:** Covers parts and labor for the entire unit.
- **Limited 2nd-5th Year Warranty:** Covers the sealed system (compressor, condenser, evaporator, tubing).

For warranty claims, technical assistance, or general inquiries, please contact GARRISON customer support. Refer to your purchase documentation or the manufacturer's website for the most current contact information. When contacting support, please have your model number (2477801) and serial number ready.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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