

GREE Multi Gen2 Series 42000 BTU 4-Zone

GREE Multi Gen2 Series 42000 BTU 4-Zone Ductless Mini-Split System User Manual

1. INTRODUCTION

Welcome to the user manual for your GREE Multi Gen2 Series 42000 BTU 4-Zone Ductless Mini-Split System. This system is designed to provide efficient and versatile climate control across multiple zones in your home or commercial space. Please read this manual thoroughly before installation and operation to ensure proper use and maintenance, and to understand the full capabilities of your new system.

2. IMPORTANT SAFETY INFORMATION

To prevent injury to the user or other people and property damage, the following instructions must be followed. Incorrect operation due to ignoring instructions may cause harm or damage.

- Installation and maintenance must be performed by qualified service personnel only.
- Ensure the power supply matches the unit's specifications before connecting.
- Do not insert objects into the air outlet or inlet of the unit.
- Keep children away from the unit and its remote controls.
- Always turn off the power supply to the unit before cleaning or performing any maintenance.
- 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.

3. PRODUCT OVERVIEW

The GREE Multi Gen2 Series system consists of an outdoor condenser unit and four indoor floor/ceiling units, each controlled independently to provide customized comfort in up to four separate zones.



Figure 1: Complete GREE Multi Gen2 Series 4-Zone Ductless Mini-Split System, showing the outdoor condenser unit, four indoor floor/ceiling units, and their respective remote controls.



Figure 2: Close-up view of the GREE Multi Gen2 outdoor condenser unit, featuring the fan grille and refrigerant line connections.



Figure 3: An indoor floor/ceiling unit from the GREE Multi Gen2 Series, accompanied by its wired and wireless remote controls.

Key Features:

- **High Efficiency:** Operates with up to 21 SEER2 for cooling and 10 HSPF2 for heating, contributing to energy savings.
- **G10 Inverter Technology:** Provides precise temperature control, powerful performance, and quiet operation.
- **Wide Operating Range:** Capable of effective cooling in temperatures up to 118°F and heating down to -22°F.
- **Built-in WiFi:** Allows convenient control via the provided remote or a smart device application.
- **Multi-Zone Comfort:** Independently control four separate indoor units for personalized climate settings.
- **Washable Air Filters:** Designed for easy maintenance and to help improve indoor air quality.

4. SETUP AND INSTALLATION

The GREE Multi Gen2 Series is a complex split-system air conditioner that requires professional installation. Incorrect installation can lead to poor performance, damage to the unit, and may void the manufacturer's warranty. It is strongly recommended that installation be performed by a certified HVAC technician.

Pre-Installation Checks:

- Verify that the installation site for both indoor and outdoor units meets all local electrical and building codes.
- Ensure adequate space around the outdoor unit for proper airflow and future maintenance access.
- Confirm that the indoor units are positioned for optimal air distribution within each designated zone.

Installation Steps (Overview for Professional Installers):

1. Securely mount the indoor units in their designated locations, ensuring proper drainage.
2. Install the outdoor condenser unit on a stable, level surface, adhering to clearance requirements.
3. Connect the refrigerant lines and electrical wiring between the indoor and outdoor units according to the wiring diagram.
4. Perform vacuuming of the refrigerant lines and charge the system with the correct amount of refrigerant as per manufacturer specifications.
5. Conduct a thorough leak test and functional test of the entire system to ensure proper operation.

5. OPERATING INSTRUCTIONS

Your GREE Multi Gen2 system offers flexible control options, allowing operation via the provided remote control or through a smart device using its built-in WiFi functionality.

Remote Control Operation:

The remote control allows you to adjust settings for each indoor unit independently. For effective communication, ensure the remote is pointed towards the indoor unit's receiver.

- **Power Button:** Turns the indoor unit ON or OFF.
- **Mode Button:** Cycles through available operating modes: Cool, Heat, Fan, Dry, and Auto.
- **Temperature Adjustment:** Use the UP/DOWN arrows to set your desired temperature.
- **Fan Speed:** Adjusts the fan speed (Low, Medium, High, Auto) for airflow control.
- **Swing Function:** Controls the louver movement to direct airflow.
- **Timer Function:** Sets the unit to turn ON or OFF automatically at specified times.

WiFi Control:

For detailed instructions on connecting your system to WiFi and utilizing the smart device application for remote control, please refer to the dedicated WiFi setup guide provided with your unit or available on the GREE official website. This feature allows for convenient control and monitoring from anywhere.

6. MAINTENANCE

Regular and proper maintenance is crucial for ensuring optimal performance, efficiency, and longevity of your GREE Mini-Split System.

Air Filter Cleaning:

The indoor units are equipped with washable air filters. Clean these filters regularly (typically every 2-4 weeks, depending on usage and environmental air quality) to maintain efficiency and air quality.

1. Turn off the power supply to the specific indoor unit you are cleaning.
2. Open the front panel of the indoor unit carefully.
3. Remove the air filters from their slots.
4. Wash the filters with lukewarm water and a mild, neutral detergent. Rinse thoroughly to remove all dirt and soap.

residue.

- 5. Allow the filters to dry completely in a shaded area, away from direct sunlight or heat, before re-installing.
- 6. Re-install the dry filters into the indoor unit, close the front panel, and restore power.

Professional Maintenance:

It is highly recommended to have a qualified HVAC technician perform annual professional maintenance. This typically includes checking refrigerant levels, cleaning indoor and outdoor coils, inspecting electrical connections, and verifying overall system operation.

7. TROUBLESHOOTING

Before contacting service, please review the following common issues and their potential solutions. This may help resolve minor problems quickly.

- **Unit does not turn on:** Check the main power supply, ensure the circuit breaker has not tripped, and verify that the remote control batteries are functional and correctly inserted.
- **Insufficient cooling/heating:** Confirm the temperature settings are appropriate for the desired mode. Clean the air filters if they are dirty. Ensure there are no obstructions to airflow at the indoor or outdoor units. Check that all windows and doors in the conditioned space are closed.
- **Unusual noise:** Minor operational noises (e.g., refrigerant flow, fan sound) are normal. If you hear loud, grinding, or unusual noises, turn off the unit and contact a professional.
- **Water leakage from indoor unit:** This could indicate a clogged drain hose or an issue with improper installation. Turn off the unit and contact a professional for inspection.

For persistent issues or problems not listed here, it is advisable to contact a certified HVAC technician for diagnosis and repair.

8. SPECIFICATIONS

The following table outlines the key specifications for the GREE Multi Gen2 Series 42000 BTU 4-Zone Ductless Mini-Split System:

Feature	Detail
Brand	GREE
Model	Multi Gen2 Series 42000 BTU 4-Zone
Capacity	42,000 BTU (3.5 Tons)
Number of Zones	4
Installation Type	Split System
Form Factor	Mini-Split (Floor/Ceiling Indoor Units)
Cooling Efficiency (SEER2)	Up to 21
Heating Efficiency (HSPF2)	Up to 10
Operating Temperature (Cooling)	Up to 118°F

Operating Temperature (Heating)	Down to -22°F
Control Method	Remote Control, Built-in WiFi
Certification	Energy Star
Outdoor Unit Dimensions (D x W x H)	16.7" x 40.2" x 32.6"

9. WARRANTY INFORMATION

GREE provides the following limited warranty for this Multi Gen2 Series Ductless Mini-Split System:

- **Outdoor Unit Compressor:** A limited 7-year warranty is provided for the compressor of the outdoor unit.
- **All Functional Parts:** A limited 5-year warranty applies to all functional parts within the split system units.

Important Warranty Conditions:

- Units must be installed in strict compliance with all applicable state and local codes and regulations.
- Units must be registered online through the manufacturer's official website for the warranty to be valid and upheld.

Please retain your original proof of purchase and all installation records, including the installer's credentials, as these documents will be required for any warranty claims.



10. SUPPORT AND CONTACT

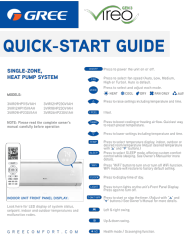


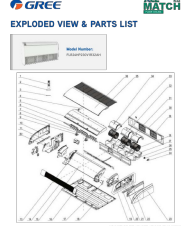
For technical assistance, warranty claims, or to locate a certified GREE service provider in your area, please visit the official GREE website or contact their customer support department.

Official Website: www.greecomfort.com

Customer Service: Please refer to the GREE official website for the most current contact information, including phone numbers and email support options.

Related Documents - Multi Gen2 Series 42000 BTU 4-Zone

 <p>ALEXA CONNECTION GUIDE GREECOMFORT.COM</p>	<p>GREE Alexa Connection Guide: Connect Your Smart Home Devices</p> <p>Step-by-step instructions to connect GREE smart home devices to Amazon Alexa for voice control. Learn how to set up your GREE+ App and Amazon Echo device.</p>
 <p>QUICK REFERENCE GUIDE</p>	<p>Gree Air Conditioner Quick Reference Guide</p> <p>A quick reference guide for Gree air conditioning systems, covering single-zone and multi-zone configurations, wired and wireless controllers, and system specifications.</p>

 <p>The image shows the cover of the 'Gree Vireo GEN 3 Quick Start Guide'. It features the Gree and Vireo logos at the top. Below the title, there is a list of topics covered in the guide, including: Single-Zone Heat Pump System, Remote Control Functions, Indoor Unit Display, Key Features, and FAQs. The cover also includes a small image of the indoor unit and the Gree logo at the bottom.</p>	<p>Gree Vireo GEN 3 Quick Start Guide: Single-Zone Heat Pump System</p> <p>Get started quickly with your Gree Vireo GEN 3 single-zone heat pump system. This guide covers remote control functions, indoor unit display, key features, and FAQs for models like 3VIR09HP115V1AH.</p>
 <p>The image shows the cover of the 'Gree Commercial & Multi-VRF Air Conditioning Systems Catalog'. It features the Gree logo at the top. Below the title, there is a list of products included in the catalog, including: Light Commercial AC, VRF systems, chillers, and fan coil units. The cover also includes a small image of a building and the Gree logo at the bottom.</p>	<p>GREE Commercial & Multi-VRF Air Conditioning Systems Catalog</p> <p>Explore the comprehensive range of GREE commercial and multi-VRF air conditioning solutions, including light commercial AC, VRF systems, chillers, and fan coil units. Discover advanced features, technical specifications, and product lineups for efficient climate control.</p>
 <p>The image shows the cover of the 'Gree Floor Ceiling Unit Inverter R32 Service Manual'. It features the Gree logo at the top. Below the title, there is a list of topics covered in the manual, including: Technical Specifications, Installation, Maintenance, Troubleshooting, and Safety Precautions. The cover also includes a small image of the indoor unit and the Gree logo at the bottom.</p>	<p>GREE Floor Ceiling Unit Inverter R32 Service Manual - Technical Specifications and Installation Guide</p> <p>Comprehensive service manual for GREE Floor Ceiling Unit Inverter R32 models (TAPEL7H4Rxx-S series). Covers technical specifications, installation, maintenance, troubleshooting, and safety precautions for HVAC professionals.</p>
 <p>The image shows the cover of the 'Gree FLR24HP230V1R32AH Floor Ceiling Air Conditioner Exploded View and Parts List'. It features the Gree logo at the top. Below the title, there is a list of parts included in the list, including: Indoor Unit, Outdoor Unit, and various components. The cover also includes a small image of the indoor unit and the Gree logo at the bottom.</p>	<p>GREE FLR24HP230V1R32AH Floor Ceiling Air Conditioner Exploded View and Parts List</p> <p>Detailed exploded view and parts list for the GREE FLR24HP230V1R32AH Floor Ceiling air conditioner, including part numbers and quantities for easy identification and replacement.</p>