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› [Gree Multi21+ Dual-Zone Mini Split Air Conditioner Heat Pump User Manual \(Model: MULTI36CVIR202\)](#)

## GREE MULTI36CVIR202

# Gree Multi21+ Dual-Zone Mini Split Air Conditioner Heat Pump User Manual

Model: MULTI36CVIR202 (36,000 BTU / 9K, 18K)

## INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Gree Multi21+ Dual-Zone Mini Split Air Conditioner Heat Pump. Please read this manual thoroughly before installation and use, and retain it for future reference. Proper installation and adherence to these instructions are crucial for optimal performance and warranty validity.

## SAFETY INFORMATION

**Important:** Installation must be performed by a state-licensed HVAC contractor to ensure safety and warranty eligibility. Failure to do so may void the warranty and pose safety risks.

- Always disconnect power before performing any maintenance or service.
- Do not attempt to repair or modify the unit yourself. Contact qualified service personnel.
- Ensure proper grounding to prevent electrical shock.
- Keep children and pets away from the unit during operation and 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.

## PRODUCT OVERVIEW

The Gree Multi21+ Dual-Zone system provides efficient heating and cooling for two separate zones using a single outdoor unit. It features G10 inverter technology for energy savings and stable room temperatures.

## Key Features:

- **Dual-Zone Capability:** Heats and cools two zones simultaneously.
- **G10 Inverter Technology:** Enhances energy efficiency and maintains consistent temperatures.
- **Eco-Friendly Refrigerant:** Utilizes R410A refrigerant.

- **Wi-Fi Capable:** Optional Wi-Fi kit (sold separately) for remote control via smartphone.
- **Special Features:** Intelligent preheating, low voltage start-up, optimized airflow design, swing louver control.

## Components:

The system consists of one outdoor condenser unit and two indoor wall-mounted units, along with remote controls for each indoor unit.



Image: Overview of the Gree Multi21+ Dual-Zone Mini Split system, showing two indoor wall-mounted units, two remote controls, and one outdoor condenser unit.



# **GREE**

## **MULTI-WALL**

Image: A single Gree Multi21+ indoor wall-mounted unit with its corresponding remote control, displaying temperature and mode settings.

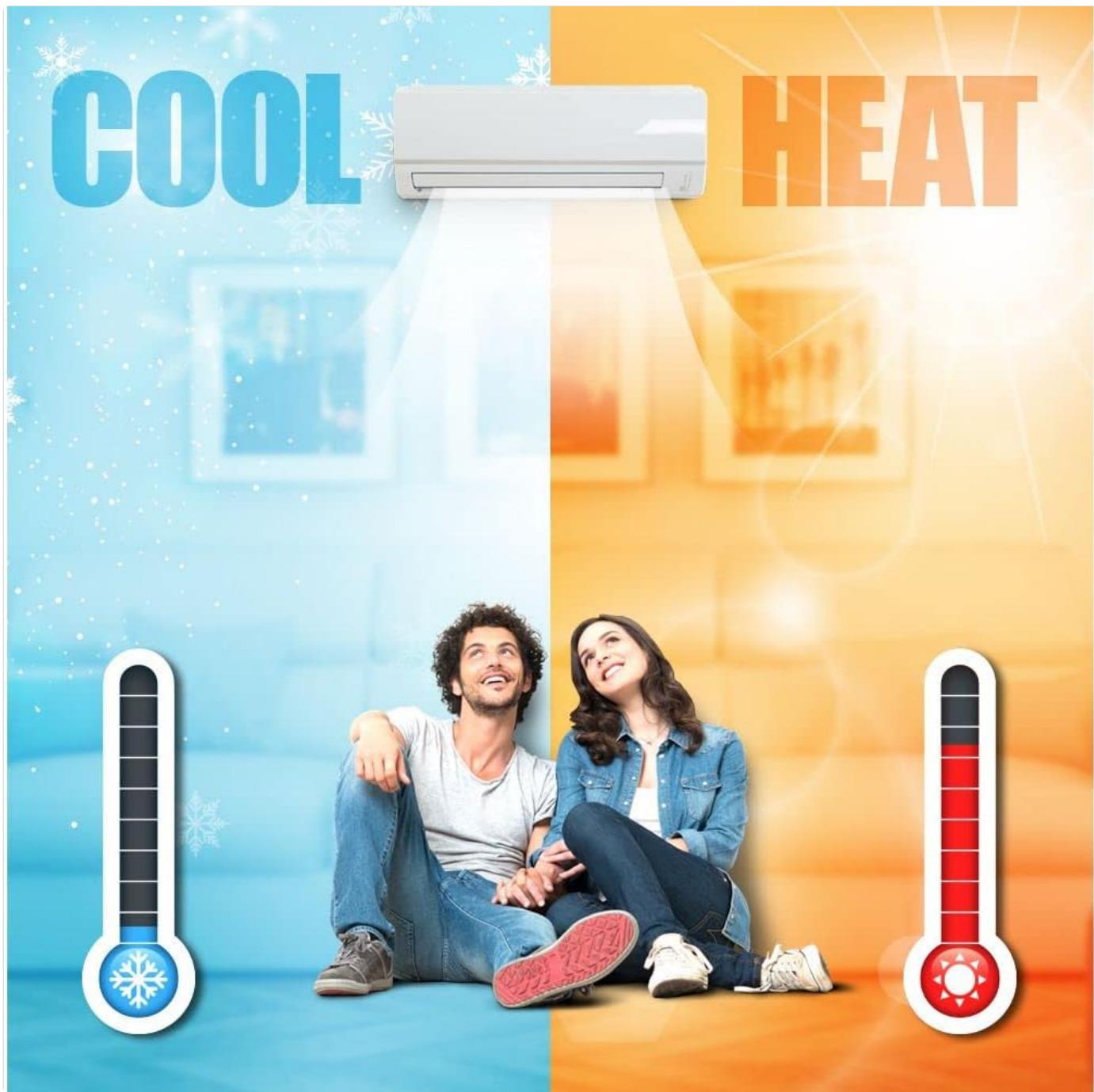


Image: Close-up view of the Gree Multi21+ remote control, showing various buttons for mode, fan speed, swing, sleep, timer, and temperature adjustment.

## SETUP AND INSTALLATION

**Professional Installation Required:** This system requires professional installation by a state-licensed HVAC contractor. Attempting self-installation will void the warranty and may lead to improper operation or safety hazards.

### Installation Requirements (Not Included):

- 1/4" x 3/8" line set
- 1/4" x 5/8" line set
- Appropriate electrical wiring (208/230V)
- Mounting hardware for indoor and outdoor units

Refer to the detailed installation guide provided with the physical product for specific instructions, diagrams, and safety precautions for your HVAC professional.

## OPERATING INSTRUCTIONS

Each indoor unit is controlled by its dedicated wireless remote control. Ensure the remote has fresh batteries and is pointed towards the indoor unit for proper communication.

### Basic Operation:

- Power On/Off:** Press the **POWER** button to turn the unit on or off.
- Mode Selection:** Press the **MODE** button to cycle through operating modes: Auto, Cool, Dry, Heat, Fan.
- Temperature Adjustment:** Use the **UP** and **DOWN** arrow buttons to set the desired temperature.
- Fan Speed:** Press the **FAN** button to adjust fan speed (Auto, Low, Medium, High).
- Swing Function:** Press the **SWING** button to activate or deactivate the louver swing for even air distribution.

### Advanced Functions:

- Sleep Mode:** Press **SLEEP** for quiet operation and optimized temperature settings during sleep.
- Timer Function:** Use **TIMER ON/OFF** to program the unit to turn on or off at specific times.
- I FEEL Function:** Activates a sensor in the remote control to measure the temperature at its location, providing more precise comfort.
- Wi-Fi Control (Optional):** If the Wi-Fi kit is installed, download the Gree+ app and follow the in-app instructions to connect and control your unit remotely.



Image: Illustrates the dual functionality of the Gree Multi21+ system, showing a room being cooled on one side and heated on the other,

with a couple enjoying comfortable temperatures.



Image: A Gree Multi21+ indoor unit mounted on a wall in a living room, with a family seated on a couch, indicating comfortable indoor climate control.

## MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your unit. Always disconnect power before cleaning or servicing.

## Indoor Unit:

- Air Filter Cleaning:** Clean the air filters every two weeks or more frequently depending on usage and air quality. Open the front panel, remove filters, wash with lukewarm water and mild detergent, rinse, dry completely, and reinsert.
- Surface Cleaning:** Wipe the indoor unit's surface with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.

## Outdoor Unit:

- Coil Cleaning:** Periodically inspect and clean the outdoor coil to remove dirt, leaves, and debris. This should ideally be done by a qualified technician.
- Clear Obstructions:** Ensure the area around the outdoor unit is clear of plants, debris, and other obstructions to allow for proper airflow.

For detailed cleaning procedures and professional servicing, consult your HVAC contractor.

## TROUBLESHOOTING

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Before contacting service, review the following common issues and solutions:

Problem	Possible Cause	Solution
Unit does not start	No power, remote control issues, timer set.	Check power supply, replace remote batteries, cancel timer settings.
Insufficient cooling/heating	Dirty air filters, blocked outdoor unit, wrong mode, low refrigerant.	Clean air filters, clear outdoor unit, select correct mode, contact technician for refrigerant check.
Unusual noise	Loose parts, fan obstruction, normal operating sounds (e.g., refrigerant flow).	Check for loose parts, remove obstructions. If persistent or loud, contact technician.
Water leakage from indoor unit	Clogged drain pipe, improper installation.	Contact HVAC technician for inspection and repair.

If the problem persists after attempting these solutions, please contact a qualified HVAC technician for assistance.

## SPECIFICATIONS

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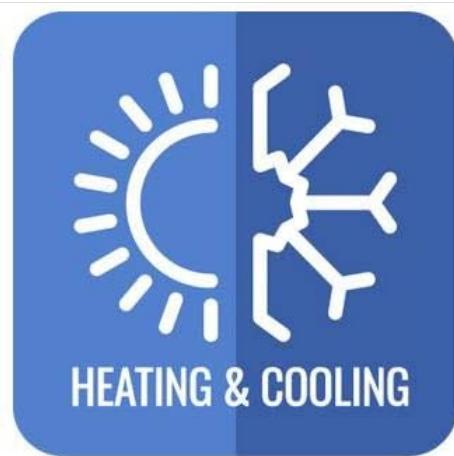
The following specifications apply to the Gree Multi21+ Dual-Zone Mini Split Air Conditioner Heat Pump, Model MULTI36CVIR202 (36,000 BTU / 9K, 18K).

Feature	Detail
Model Number	MULTI36CVIR202
Capacity	36,000 BTU (Outdoor Unit) / 9,000 BTU & 18,000 BTU (Indoor Units)
Voltage	208/230V
SEER (Seasonal Energy Efficiency Ratio)	21.6
Refrigerant	R410A

Feature	Detail
Product Dimensions (Outdoor Unit)	42.5 x 43.9 x 18.9 inches
Item Weight (Outdoor Unit)	198 pounds
Special Features	Intelligent preheating, Low voltage start-up, Optimized airflow design, Swing louver control
Wi-Fi Capable	Yes (Kit sold separately)



Image: A table detailing the dimensions (W x H x D) for various BTU capacities of both indoor and outdoor units in the Vireo+ Multi series. For example, 9,000 BTU indoor units are 33" x 11" x 8", and 36,000 BTU outdoor units are 42.5" x 43.9" x 18.9".



**Except 42k model**

Image: Icons representing key features and certifications: 5-year limited warranty, WiFi Ready, Heating & Cooling, AHRI Certified, G10 Inverter Technology, ETL Listed, and Energy Star (except 42k model).

## **WARRANTY AND SUPPORT**

**Manufacturer's Warranty:** The Gree Multi21+ system comes with a 5-year warranty on parts and a 7-year warranty on the compressor. This warranty is valid only if the installation is performed by a state-licensed HVAC contractor.

For warranty claims, technical support, or service inquiries, please contact your installing HVAC contractor or refer to the contact information provided in the product packaging or on the official Gree website.

**Online Resources:** For additional information, FAQs, or to locate a service provider, visit the official [GREE Store on Amazon](#) or the manufacturer's website.

 <p><b>GREE FLEXX ULTRA R32 Heat Pump Submittal Data &amp; Specifications</b></p> <p>Detailed submittal data, specifications, dimensions, and clearance requirements for the GREE FLEXX ULTRA R32 36000 BTU/H A-Coil Unitary Heat Pump Split System (FXA36C32AH / FXU36HP230V1R32AO).</p>	
 <p><b>GREE FLEXX ULTRA R32 A-Coil Unitary Heat Pump Submittal Data and Specifications</b></p> <p>Detailed submittal data, specifications, dimensions, and installation clearances for the GREE FLEXX ULTRA R32 A-Coil Unitary Heat Pump Split System (FXA48C32AH / FXU60HP230V1R32AO), featuring 48000 BTU/H capacity.</p>	
 <p><b>Quick-Start Guide</b></p> <p><b>GREE Vireo GEN 3 Quick Start Guide: Single-Zone Heat Pump System</b></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><b>GREE FLEXX ULTRA R32 A-Coil Unitary Heat Pump System Specifications</b></p> <p>Submittal data and technical specifications for the GREE FLEXX ULTRA R32 60000 BTU/H A-Coil Unitary Heat Pump Split System (FXA60C32AH/FXU60HP230V1R32AO), detailing features, performance, dimensions, and installation clearances.</p>	
 <p><b>GREE FLEXX ULTRA R32 24000 BTU/H Unitary Heat Pump Split System Submittal Data and Specifications</b></p> <p>Detailed submittal data, specifications, features, fan performance, dimensions, accessory heater information, and installation clearances for the GREE FLEXX ULTRA R32 24000 BTU/H Unitary Heat Pump Split System, models FXU24HP230V1R32AH and FXU36HP230V1R32AO.</p>	
 <p><b>GREE Multi-Zone Split Type Air Conditioner Installation and Owner's Manual</b></p> <p>Comprehensive installation and owner's manual for GREE Multi-Zone Split Type Wall-mounted Air Conditioners (Models MULTI18HP230V1EO to MULTI42HP230V1EO), covering electrical connections, installation procedures, safety warnings, and maintenance.</p>	