

## GREE MULTI24CCONS301

# Gree Multi21+ Tri-Zone Floor Console Mini Split Air Conditioner Heat Pump User Manual

Model: MULTI24CCONS301

## INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Gree Multi21+ Tri-Zone Floor Console Mini Split Air Conditioner Heat Pump system. Please read this manual thoroughly before using the product and retain it for future reference.

## IMPORTANT SAFETY INFORMATION

Always adhere to the following safety precautions to prevent injury or damage to the unit.

- **Professional Installation:** Installation must be performed by a state-licensed HVAC contractor. Improper installation can lead to electric shock, fire, water leakage, or other hazards.
- **Power Supply:** Ensure the unit is connected to a dedicated power circuit with the correct voltage (208/230V). Do not use extension cords.
- **Refrigerant:** This system uses R-410A refrigerant. Only qualified personnel should handle refrigerant.
- **Electrical Safety:** Do not operate the unit with wet hands. Disconnect power before cleaning or servicing.
- **Children and Pets:** Keep children and pets away from the unit, especially during operation and maintenance.
- **Ventilation:** Ensure proper ventilation around the outdoor unit to prevent overheating.

## PRODUCT OVERVIEW

The Gree Multi21+ Tri-Zone system consists of one outdoor condenser unit and three indoor floor console units, designed to provide efficient heating and cooling for multiple zones.



This image displays the complete Gree Multi21+ Tri-Zone Mini Split system, featuring one outdoor condenser unit and three indoor floor console units, along with their respective remote controls. The indoor units are white and designed for floor-level installation.

### Indoor Floor Console Unit

The indoor floor console units are designed for discreet placement near the floor, offering quiet and efficient climate control.



A front view of the Gree Multi21+ Floor Console indoor unit. This white unit features a sleek design with air vents at the top and bottom, and the Gree logo prominently displayed.



A side view of the Gree Multi21+ Floor Console indoor unit, showing its depth and design. A QR code is visible on the side panel, likely for quick access to product information or support videos.

## Outdoor Condenser Unit

The outdoor unit houses the compressor and other components responsible for the system's heating and cooling capabilities.



The Gree Multi21+ outdoor condenser unit, featuring a protective grille over the fan and the Gree logo. This unit is designed to be installed outside the building.

## SETUP AND INSTALLATION

The installation of the Gree Multi21+ Tri-Zone Mini Split system is complex and requires specialized knowledge and tools. **It is mandatory that installation be performed by a state-licensed HVAC contractor to ensure proper function, safety, and warranty validity.**

### Key Installation Considerations:

- **Line Sets:** Three 1/4" x 3/8" line sets are required for connecting the indoor units to the outdoor unit. These are not included with the system.
- **Electrical Wiring:** Proper electrical wiring to a 208/230V power source is critical.
- **Drainage:** Ensure proper condensate drainage for each indoor unit.
- **Mounting:** Indoor units can be mounted as low as six inches above the floor.
- **Refrigerant Charging:** The system uses R-410A refrigerant, which must be handled by certified technicians.

## OPERATING INSTRUCTIONS

Your Gree Multi21+ system is controlled via a remote control for each indoor unit. The G10 inverter technology ensures quiet, energy-efficient operation and stable room temperatures.





An indoor floor console unit with its accompanying remote control. The remote allows users to adjust settings such as temperature, mode, and fan speed.

### Basic Operation:

1. **Power On/Off:** Press the power button on the remote control to turn the unit on or off.
2. **Mode Selection:** Use the "Mode" button to cycle through operating modes: Cool, Heat, Fan, Dry, Auto.
3. **Temperature Adjustment:** Use the Up/Down arrows to set your desired temperature.
4. **Fan Speed:** Adjust the fan speed (Low, Medium, High, Auto) using the "Fan" button.
5. **Swing Function:** Activate the swing function for automatic louver movement to distribute air evenly.

Refer to the specific remote control manual for detailed instructions on advanced features such as timer settings, sleep mode, and special functions.

## MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your Gree Multi21+ system. Always disconnect power to the unit before performing any maintenance.

### Filter Cleaning:

- The indoor floor console units feature front panel access to the air filter for ease of cleaning.
- Clean the air filters every two weeks or more frequently depending on usage and air quality.
- To clean, open the front panel, remove the filters, and wash them with lukewarm water and mild detergent. Rinse thoroughly and allow them to dry completely before reinserting.

**Professional Maintenance:**

It is recommended to have a licensed HVAC technician perform annual inspections and maintenance, including checking refrigerant levels, cleaning coils, and inspecting electrical connections.

**TROUBLESHOOTING**

Before contacting customer support, review the following common issues and solutions:

Problem	Possible Cause	Solution
Unit does not turn on	No power, remote control batteries low, circuit breaker tripped.	Check power supply, replace remote batteries, reset circuit breaker.
Insufficient cooling/heating	Dirty air filter, blocked outdoor unit, incorrect mode setting, low refrigerant.	Clean air filter, clear obstructions from outdoor unit, verify mode, contact technician for refrigerant check.
Unusual noise	Loose parts, fan obstruction, refrigerant flow noise (normal).	Inspect for loose parts, remove obstructions. If noise persists or is abnormal, contact technician.
Water leakage from indoor unit	Blocked drain hose, improper installation.	Check and clear drain hose. If issue persists, contact a licensed HVAC contractor.

**SPECIFICATIONS**

Key technical specifications for the Gree Multi21+ Tri-Zone Floor Console Mini Split Air Conditioner Heat Pump system, model MULTI24CCONS301.

- Brand:** GREE
- Model Number:** MULTI24CCONS301
- Cooling Power:** 24,000 British Thermal Units (BTU)
- Capacity:** 2 Tons
- Seasonal Energy Efficiency Ratio (SEER):** 21
- Voltage:** 230 Volts
- Sound Level:** 56 Decibels (Outdoor Unit)
- Refrigerant:** R-410A
- Control Method:** Remote
- Special Feature:** Fast Cooling, G10 Inverter Technology

**Unit Dimensions (Approximate)**

## Gree CON

### INDOOR UNITS

(W x H x D)

### MEASUREMENT

9,000 BTU	27.6" x 23.6" x 8.5"
12,000 BTU	27.6" x 23.6" x 8.5"
18,000 BTU	27.6" x 23.6" x 8.5"

### OUTDOOR UNITS

### MEASUREMENT

18,000 BTU	38" x 27.6" x 15.6"
24,000 BTU	38" x 31.1" x 17.3"
30,000 BTU	38.4" x 31" x 17.3"
36,000 BTU	42.5" x 43.9" x 18.9"
42,000 BTU	42.5" x 43.9" x 18.9"

This image displays a table detailing the approximate dimensions (Width x Height x Depth) for various BTU capacities of Gree Multi-Console indoor and outdoor units. For the 24,000 BTU outdoor unit, the dimensions are 38" x 31.1" x 17.3".

For specific dimensions of the 24,000 BTU outdoor unit, refer to the table above or the product's technical documentation. Indoor unit dimensions for 9,000, 12,000, and 18,000 BTU are listed as 27.6" x 23.6" x 8.5".

## WARRANTY AND SUPPORT

Gree provides a manufacturer's warranty for this product:

- **Parts Warranty:** 5 Years
- **Compressor Warranty:** 7 Years

**Important:** To be eligible for warranty coverage, installation must be performed by a state-licensed HVAC contractor.

For technical support, warranty claims, or service inquiries, please contact your installing HVAC contractor or refer to the official Gree website for authorized service providers.


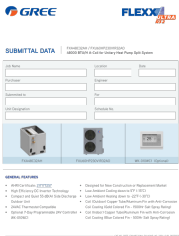
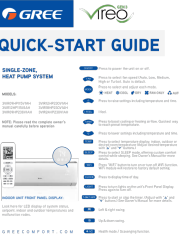

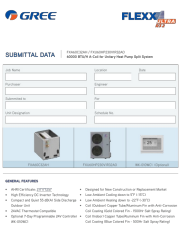




This image displays various certifications and features of Gree products, including a "5 Year Limited Warranty" icon, "Non Ozone-Depleting Refrigerant R410A", "Heating & Cooling" icon, ETL Listed, G10 Inverter Technology, AHRI Certified, and Energy Star (except 42k model) logos.

## Related Documents - MULTI24CCONS301

	<p><a href="#">GREE FLEXX ULTRA R32 24000 BTU/H Unitary Heat Pump Split System Submittal Data and Specifications</a></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>
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 <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>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 Vireo R32 VIR24HP230V1R32AH Submittal Data and Specifications</b></p> <p>This document provides submittal data, specifications, features, and installation clearances for the Gree Vireo R32 VIR24HP230V1R32AH wall-mounted air conditioning unit.</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>	