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> [Gree Multi21+ Dual-Zone Wall Mount Mini Split Air Conditioner Heat Pump \(Model MULTI24CVIR200\) Instruction Manual](#)

GREE MULTI24CVIR200

Gree Multi21+ Dual-Zone Wall Mount Mini Split Air Conditioner Heat Pump (Model MULTI24CVIR200) Instruction Manual

Model: MULTI24CVIR200 | Brand: GREE

PRODUCT OVERVIEW

This manual provides detailed instructions for the installation, operation, and maintenance of your Gree Multi21+ Dual-Zone Wall Mount Mini Split Air Conditioner Heat Pump, Model MULTI24CVIR200. Designed for efficient heating and cooling across two zones, this system features G10 inverter technology and eco-friendly R410A refrigerant. It allows for independent temperature control in two separate areas without the need for complex distribution boxes.

- **G10 Inverter Technology:** Saves energy, reduces outdoor noise, and maintains steady room temperature by eliminating harsh starts and stops.
- **Dual-Zone Capability:** Heats and cools two zones independently.
- **Compact Design:** The Multi21+ Vireo Wall Mount features a design that integrates well with various decors.
- **Wi-Fi Capable:** An optional field-installed Wi-Fi kit (sold separately) allows remote control via smartphone.
- **Eco-Friendly Refrigerant:** Utilizes R410A refrigerant.

SETUP AND INSTALLATION

Installation of the Gree Multi21+ system requires specific technical knowledge and tools. For safety and to ensure warranty validity, installation must be performed by a state-licensed HVAC contractor.

Key Components:

- **Indoor Units:** Wall-mounted units for each zone.
- **Outdoor Unit:** Houses the compressor and other components.
- **Line Set:** 1/4" x 3/8" line set (x2) is required but not included.

Installation Steps (Overview for Professional):

1. **Mounting the Indoor Unit:** Secure the mounting bracket to the wall, ensuring it is level.
2. **Drilling Wall Hole:** Create a hole through the wall for the line set and wiring connections.

3. **Connecting Refrigerant Lines:** Connect the insulated refrigerant lines between the indoor and outdoor units.
4. **Electrical Wiring:** Connect the power and communication wiring between the indoor unit, outdoor unit, and the main power supply. Ensure all connections match the wiring diagram.
5. **Vacuumping Lines:** Evacuate air from the refrigerant lines using a vacuum pump to ensure proper system operation.
6. **Leak Testing:** Check all connections for leaks.
7. **Power Connection:** Connect the outdoor unit to a dedicated power switch.



Figure 1: Gree Multi21+ Indoor Wall-Mount Unit. This image shows the sleek, white indoor unit mounted on a wall, ready for operation.

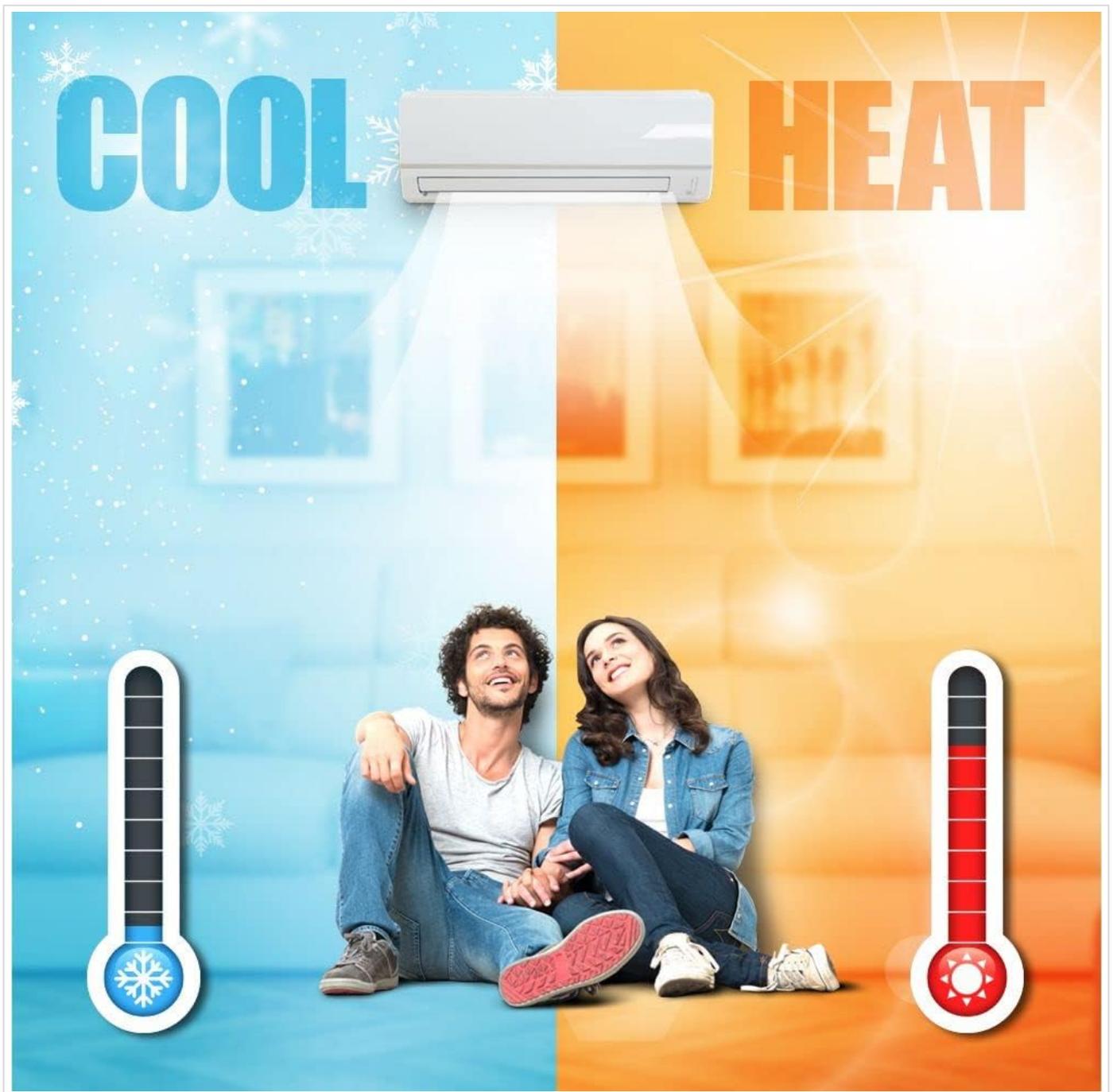


Figure 2: Gree Multi21+ Outdoor Condenser Unit. This image displays the compact outdoor unit, which connects to the indoor units.

OPERATING INSTRUCTIONS

The Gree Multi21+ system can be operated using the included remote control or an optional Wi-Fi kit for smartphone control.

Remote Control Functions:



Figure 3: Gree Multi21+ Remote Control. This remote allows full control over the unit's functions and settings.

- **ON/OFF Button:** Powers the unit on or off.
- **MODE Button:** Cycles through operating modes:
 - *Auto:* Automatically selects heating or cooling based on ambient temperature.
 - *Cool:* Provides cooling, adjustable to a minimum of 61°F (16°C).
 - *Dry (Dehumidify):* Reduces humidity in the room.
 - *Fan:* Circulates air without heating or cooling, with adjustable fan speeds.
 - *Heat:* Provides heating, adjustable up to 86°F (30°C).
- **Temperature Adjustment (Up/Down Arrows):** Increases or decreases the desired temperature.
- **SWING Button:** Controls the vertical movement of the air louvers to distribute air evenly.
- **FAN Button:** Adjusts fan speed (Low, Medium, High, Auto).
- **TURBO Button:** Activates maximum fan speed for rapid cooling or heating.
- **SLEEP Button:** Optimizes settings for comfortable sleep and energy saving.
- **WIFI Button:** Toggles Wi-Fi connectivity (requires optional Wi-Fi kit).
- **LIGHT Button:** Turns the display light on or off.
- **CLOCK Button:** Sets or displays the current time.
- **TIMER ON/OFF Buttons:** Sets a timer for the unit to turn on or off automatically.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your Gree Multi21+ system.

Filter Cleaning:

- Clean the air filters regularly (e.g., once a month) to maintain air quality and system efficiency.
- Refer to the detailed user manual for specific instructions on how to access and clean the filters.

Professional Servicing:

- Annual professional inspection and cleaning are recommended to check refrigerant levels, electrical connections, and overall system health.

TROUBLESHOOTING

If you encounter issues with your Gree Multi21+ system, refer to the comprehensive troubleshooting guide in the full user manual. Common issues may include:

- Unit not turning on.
- Insufficient heating or cooling.
- Unusual noises or odors.
- Error codes displayed on the unit.

For complex problems, contact a state-licensed HVAC technician.

SPECIFICATIONS

Feature	Detail
Product Dimensions	10 x 29 x 11 inches
Item Weight	197 pounds
Manufacturer	GREE
Item Model Number	MULTI24CVIR200
Form Factor	Mini-Split
Capacity	2 Tons (24,000 BTU)
Voltage	230 Volts
Cooling Power	24000 British Thermal Units
Special Feature	Heating And Cooling Function
Seasonal Energy Efficiency Ratio (SEER)	21.6
Color	White
Refrigerant	R 410A
Power Source	Corded Electric

Vireo+ Multi	
INDOOR UNITS	(W.H.D) MEASUREMENT
9,000 BTU	33" x 11" x 8"
12,000 BTU	33" x 11" x 8"
18,000 BTU	38" x 11" x 8"
24,000 BTU	42" x 12" x 9"

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"

Figure 4: Dimensions for Gree Multi21+ Indoor and Outdoor Units. This table provides detailed width, height, and depth measurements for various BTU indoor and outdoor units.

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. Please note that installation must be performed by a state-licensed HVAC contractor to be eligible for the warranty.

For further support or warranty claims, please refer to the contact information provided in your product packaging or visit the official GREE website.