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

GREE MULTI18CVIR200

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

Model: MULTI18CVIR200 | Brand: GREE

INTRODUCTION TO YOUR GREE MULTI21+ SYSTEM

The Gree Multi21+ Dual-Zone Wall Mount Mini Split Air Conditioner Heat Pump is an advanced climate control solution designed for efficient heating and cooling of multiple zones. This system, powered by Gree's G10 inverter-driven compressor and eco-friendly R410A refrigerant, allows for independent temperature control in two separate areas without the need for extensive ductwork. Its quiet operation and Wi-Fi connectivity offer enhanced comfort and convenience.



Image: The complete Gree Multi21+ system, showing two indoor wall-mounted units and a single outdoor condenser unit.

KEY FEATURES

- **Dual-Zone Capability:** Heats and cools two independent zones from a single outdoor unit, eliminating the need for separate distribution boxes.
- **G10 Inverter Technology:** Utilizes advanced inverter technology for energy savings, reduced outdoor noise, and stable room temperatures by avoiding frequent on/off cycles.
- **Compact Design:** The Multi21+ Vireo Wall Mount indoor units feature a sleek, compact design that integrates seamlessly with various interior decors.
- **Smart Connectivity:** Built-in Wi-Fi, Google Home, and Alexa compatibility allow for remote control and monitoring of the system via a smartphone or voice commands.
- **Quiet Operation:** Engineered for extremely quiet performance, ensuring minimal disturbance.
- **Heat Pump Functionality:** Provides both cooling and heating capabilities for year-round comfort.

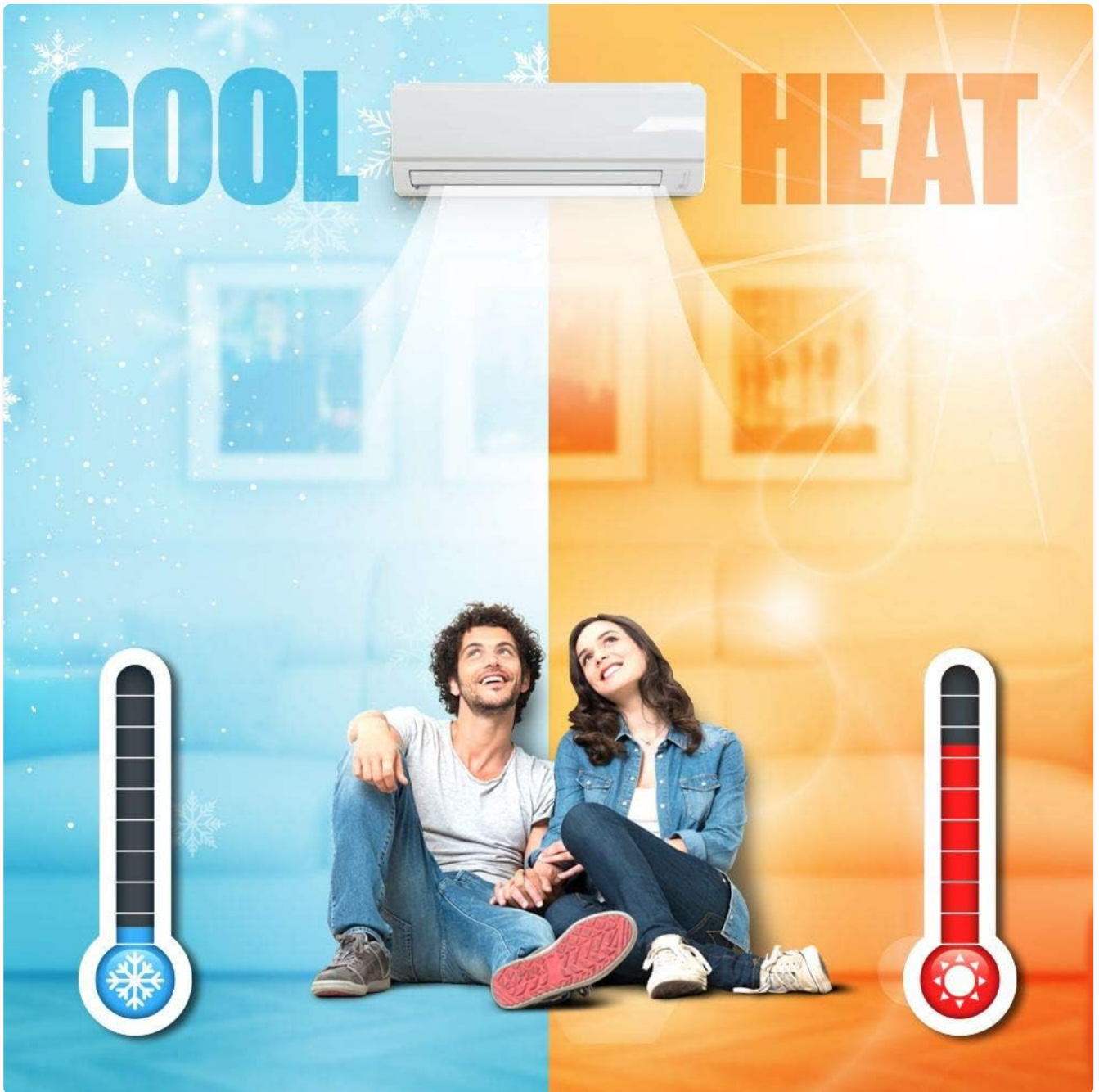


Image: Visual representation of the system's ability to provide both cooling and heating for optimal comfort.



Image: Icons highlighting key certifications and features, including warranty, Wi-Fi, and energy efficiency.

SETUP AND INSTALLATION

Installation of the Gree Multi21+ system requires specific components and professional expertise. It is crucial that installation is performed by a state-licensed HVAC contractor to ensure proper functionality, safety, and eligibility for warranty coverage.

- **Required Components (Not Included):** Two sets of 1/4" x 3/8" line sets are required for connecting the indoor units to the outdoor condenser.
- **Ductless Design:** This system is designed to be ductless, meaning no traditional ductwork is involved. Indoor units mount directly to the wall, and refrigerant lines connect them to the outdoor unit.
- **Electrical Requirements:** The system operates on 208/230V. Ensure appropriate electrical connections are available and installed by a qualified electrician.



Image: The outdoor condenser unit, which connects to the indoor units.

OPERATING YOUR SYSTEM

The Gree Multi21+ system offers multiple ways to control your indoor climate for maximum convenience.

- **Remote Control:** Each indoor unit comes with a dedicated remote control for adjusting temperature, mode (cool, heat, fan), fan speed, swing settings, and sleep mode. The remote also features a digital display for easy viewing of settings.
- **Wi-Fi Connectivity:** Utilize the built-in Wi-Fi feature to connect your system to your home network. Download the official Gree app on your smartphone to control the unit from anywhere, adjust settings, and monitor performance.
- **Voice Control:** With Google Home and Alexa compatibility, you can integrate your Gree system into your smart home ecosystem and control it using simple voice commands.

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"

Image: The remote control provided with the Gree system for convenient operation.

MAINTENANCE GUIDELINES

Regular maintenance is essential to ensure the longevity and efficient operation of your Gree Multi21+ system. While specific detailed instructions should be found in the full product manual, general guidelines include:

- **Filter Cleaning:** Regularly clean or replace the air purification filters in the indoor units to maintain air quality and system efficiency.
- **Outdoor Unit Cleaning:** Keep the outdoor condenser unit free from debris, leaves, and other obstructions to ensure proper airflow and heat exchange.
- **Professional Servicing:** Schedule annual professional maintenance checks by a licensed HVAC technician to inspect refrigerant levels, electrical connections, and overall system health.

TROUBLESHOOTING TIPS

If you encounter issues with your Gree Multi21+ system, consider these basic troubleshooting steps before contacting support:

- **No Power:** Check the circuit breaker to ensure the unit is receiving power. Verify all electrical connections are secure.
- **Insufficient Cooling/Heating:** Ensure air filters are clean. Check that the outdoor unit is not obstructed. Verify the thermostat settings are correct and the unit is in the appropriate mode (Cool/Heat).
- **Remote Control Issues:** Replace batteries in the remote control. Ensure there are no obstructions between the remote and the indoor unit.
- **Unusual Noises:** Minor operational sounds are normal. If you hear loud rattling or grinding, power off the unit and contact a qualified technician.
- **Wi-Fi Connectivity Problems:** Ensure your home Wi-Fi network is active and the unit is within range. Refer to the app's troubleshooting guide for specific connection issues.

For complex issues or if troubleshooting steps do not resolve the problem, always contact a licensed HVAC professional or Gree customer support.

PRODUCT SPECIFICATIONS

Feature	Detail
Brand	GREE
Model Number	MULTI18CVIR200
BTU Capacity	18,000 BTU
Zones	Dual-Zone (9K, 9K)
Voltage	208/230 Volts
SEER Rating	22
Installation Method	Split System (Ductless)
Special Features	Air Purification Filter, Wi-Fi Built-In, Google Home, Alexa Connectivity
Noise Level	56 dB
Item Weight	115 pounds
Product Dimensions	16 x 38 x 28 inches



Image: Dimensions of the indoor unit for installation planning.

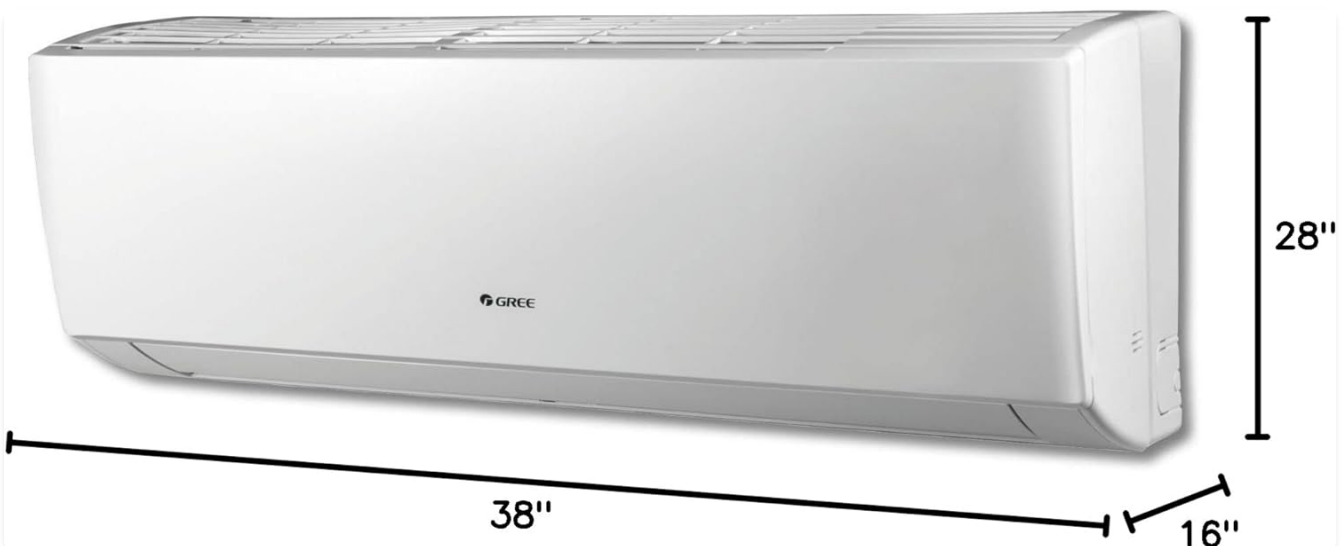


Image: Detailed measurement table for both indoor and outdoor units across different BTU capacities.

WARRANTY AND SUPPORT

The Gree Multi21+ system comes with a manufacturer's warranty. The warranty terms are **5 years on parts** and **7 years on the compressor**. Please note that to be eligible for this warranty, installation must be performed by a state-licensed HVAC contractor.

For technical support, warranty claims, or further assistance, please refer to the official Gree product documentation included with your purchase or visit the GREE official website for contact information.