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Gree GWH18AGD-S3DTA1A

GREE GWH18AGD-S3DTA1A Pular Pro Inverter Split Air Conditioner User Manual

Model: GWH18AGD-S3DTA1A

Brand: Gree

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your GREE GWH18AGD-S3DTA1A Pular Pro Inverter Split Air Conditioner. Please read it thoroughly before using the appliance and retain it for future reference.

1.1 Safety Precautions

- Ensure the unit is installed by a qualified professional.
- Do not attempt to repair or modify the unit yourself. Contact authorized service personnel.
- Keep the area around the outdoor unit clear of obstructions.
- Do not insert objects into the air outlet or inlet.
- Disconnect power before cleaning or maintenance.

2. PRODUCT OVERVIEW

The GREE GWH18AGD-S3DTA1A is a Pular Pro Inverter Split Air Conditioner designed for both cooling and heating. It features advanced inverter technology for energy efficiency and includes built-in Wi-Fi for smart control.

2.1 Key Features

- **Inverter G Boost Technology:** For energy-efficient performance.
- **18000 BTU Capacity:** Suitable for cooling and heating larger rooms.
- **Fast Cooling:** Achieves desired temperature quickly, within 60 seconds.
- **Wide Air Supply:** Distributes conditioned air up to 13 meters.
- **Built-in Wi-Fi:** Enables smart control via a mobile application.
- **Hot/Cold Functionality:** Provides both cooling and heating capabilities.

- **Efficient Self-Cleaning:** Helps maintain indoor air quality.
- **Stable Cooling:** Operates effectively even at high ambient temperatures up to 68°C.



Figure 2.1: GREE GWH18AGD-S3DTA1A Split Air Conditioner, showing both the indoor wall-mounted unit and the outdoor compressor unit.

3. SETUP AND INSTALLATION

Installation of this split air conditioner requires specialized knowledge and tools. It is strongly recommended that installation be performed by a certified and experienced technician to ensure proper function, safety, and warranty validity.

3.1 Pre-Installation Checks

- Verify that the power supply matches the unit's requirements (220V-1Ph-50/60Hz).
- Ensure the installation location provides adequate space for air circulation and maintenance.
- Confirm that the wall can support the weight of the indoor unit.

3.2 Wi-Fi Setup

The unit features built-in Wi-Fi for remote control. Refer to the separate Wi-Fi setup guide (usually provided with the remote control or accessible via a QR code on the unit) for detailed instructions on connecting your air conditioner to your home network and smart device application.

4. OPERATING INSTRUCTIONS

Your GREE air conditioner can be operated using the wireless remote control or via the Wi-Fi smart application.

4.1 Basic Operation

- **Power On/Off:** Press the **ON/OFF** button on the remote control.
- **Mode Selection:** Press the **MODE** button to cycle through available modes:
 - **Cooling Mode:** For reducing room temperature.
 - **Heating Mode:** For increasing room temperature.
 - **Fan Mode:** Circulates air without cooling or heating.
 - **Dry Mode:** Reduces humidity in the room.
- **Temperature Adjustment:** Use the **TEMP UP** and **TEMP DOWN** buttons to set your desired temperature.
- **Fan Speed:** Adjust the fan speed using the **FAN** button.

4.2 Special Functions

- **Fast Cooling:** Activate this function for rapid cooling. The unit will operate at maximum capacity to reach the set temperature quickly.
- **Self-Cleaning:** This feature helps to clean the indoor unit's evaporator coil, preventing mold and odors. Refer to the remote control guide for activation.
- **G Boost:** Enhances performance for faster cooling or heating.
- **Wi-Fi Control:** Once set up, use the GREE+ app on your smartphone to control the air conditioner remotely, set schedules, and monitor status.

5. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your air conditioner. Always disconnect power before performing any maintenance.

5.1 Air Filter Cleaning

1. Open the front panel of the indoor unit.
2. Remove the air filters.
3. Clean the filters using a vacuum cleaner or wash them with lukewarm water.
4. Allow filters to dry completely before reinstalling.
5. Close the front panel.

Frequency: Clean filters every two weeks or more frequently depending on usage and air quality.

5.2 Unit Cleaning

- Wipe the indoor and outdoor units with a soft, damp cloth.
- Do not use harsh detergents, abrasive cleaners, or solvents.
- Ensure the outdoor unit's coils are free from debris.

5.3 Professional Inspection

It is recommended to have a qualified technician perform a comprehensive inspection and cleaning of your air conditioner annually, especially before the peak cooling or heating season.

6. TROUBLESHOOTING

Before contacting service, 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 filters, blocked outdoor unit, wrong mode selected, temperature setting too high/low.	Clean filters, clear obstructions, select correct mode, adjust temperature.
Unusual noise.	Loose parts, foreign objects, normal operating sounds (e.g., refrigerant flow).	Check for loose parts, remove foreign objects. If persistent or loud, contact service.
Water leakage from indoor unit.	Clogged drain pipe, improper installation.	Clear drain pipe. If issue persists, contact a professional technician.

If the problem persists after attempting these solutions, please contact authorized service personnel.

7. SPECIFICATIONS

Feature	Detail
Model Name	GWH18AGD-S3DTA1A
Brand	Gree
Type	Split System, Hot/Cold
Capacity	18000 BTU (1.5 Tons)
Cooling Power	18000 British Thermal Units
Voltage	220 Volts
Wattage	5.28 kWh
Refrigerant	R-410A
Noise Level	43 Decibels
Product Dimensions (Indoor Unit)	22D x 98.2W x 31H centimeters
Item Weight	50 Kilograms (Total)
Special Features	Fast Cooling, Inverter G Boost, Built-in Wi-Fi, Self-Cleaning

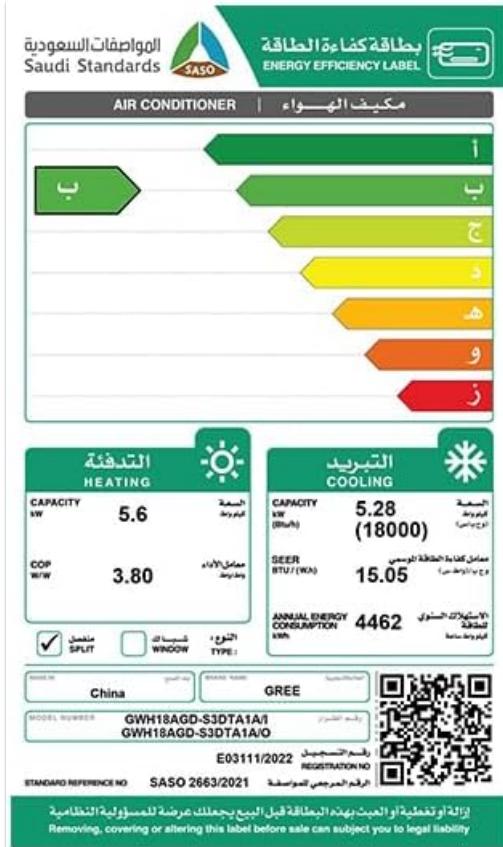


Figure 7.1: Saudi Standards Energy Efficiency Label for the GREE GWH18AGD-S3DTA1A Air Conditioner. This label provides details on energy consumption and efficiency ratings. For verification, visit the [Saudi Standards, Metrology and Quality Organization \(SASO\) website](#).

8. WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or contact your local Gree distributor or retailer. Keep your purchase receipt as proof of purchase.

8.1 Customer Support

If you encounter any issues that cannot be resolved using the troubleshooting guide, or for technical assistance, please contact Gree customer support or your authorized service center. Contact details can typically be found on the manufacturer's website or in your product documentation.