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### Gree GWH18AVDXF-S6DTA1A

# GREE GWH18AVDXF-S6DTA1A AI Pro Inverter Split Air Conditioner User Manual

Model: GWH18AVDXF-S6DTA1A

## 1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your GREE GWH18AVDXF-S6DTA1A AI Pro Inverter Split Air Conditioner. Please read this manual thoroughly before using the appliance and retain it for future reference. Proper use ensures optimal performance and extends the lifespan of your unit.



Image 1.1: The GREE GWH18AVDXF-S6DTA1A Split Air Conditioner, featuring both the indoor and outdoor units.

## 2. SAFETY INFORMATION

Always adhere to the following safety precautions to prevent injury, damage, or improper operation. This section covers

general safety guidelines. Specific warnings are provided in relevant sections.

- **Professional Installation:** Installation, maintenance, and repair must be performed by qualified service personnel. Incorrect installation can lead to electric shock, fire, or water leakage.
- **Power Supply:** Ensure the power supply matches the specifications of the unit. Do not use damaged power cords or plugs.
- **Electrical Safety:** Do not operate the unit with wet hands. Disconnect power before cleaning or performing maintenance.
- **Refrigerant:** This unit uses R32 refrigerant. Handle with care and ensure proper ventilation during servicing. R32 is a mildly flammable refrigerant.
- **Children and Vulnerable Persons:** 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.
- **Clearance:** Maintain adequate clearance around both indoor and outdoor units for proper airflow and heat dissipation.

### 3. PRODUCT OVERVIEW AND KEY FEATURES

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The GREE GWH18AVDXF-S6DTA1A is an advanced split air conditioner designed for efficient cooling and heating. It incorporates several technologies to enhance comfort and energy efficiency.

#### Key Technologies and Features:

- **AI Pro Inverter Technology:** Optimizes compressor speed to maintain desired temperature with minimal energy consumption.
- **G-AI 2.0 Technology:** Intelligently adjusts performance based on user preferences and environmental conditions.
- **G-Boost Inverter Compressor:** Ensures consistent cooling even in extreme temperatures up to 68°C.
- **Long-Distance Air Supply:** Provides comfortable airflow across larger room distances.
- **Large Air Swing Angle:** Enhances air circulation and even temperature distribution.
- **Self-Cleaning Function:** Maintains hygiene and optimal performance for both indoor and outdoor units.
- **R32 Refrigerant:** Environmentally friendly refrigerant with lower global warming potential.



Image 3.1: Overview of key features and technologies of the GREE AI-PRO Inverter system.



Image 3.2: Diagram illustrating the G-Boost AI-PRO compressor technology.

## 4. SETUP AND INSTALLATION

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The GREE GWH18AVDXF-S6DTA1A is a split-system air conditioner, requiring both an indoor and an outdoor unit. Proper installation is crucial for performance and safety. It is strongly recommended that installation be performed by a certified and experienced HVAC professional.

### 4.1 Pre-Installation Considerations

- **Location:** Choose a location for the indoor unit that allows for even air distribution and easy access for maintenance. The outdoor unit should be placed in a well-ventilated area, away from direct sunlight or obstructions.
- **Structural Support:** Ensure the wall or mounting surface can support the weight of the indoor unit. The outdoor unit should be placed on a stable, level surface.
- **Electrical Requirements:** Verify that the electrical supply meets the unit's requirements (220 Volts). A dedicated circuit is often recommended.
- **Drainage:** Plan for proper condensate drainage from the indoor unit.

### 4.2 Installation Steps (Professional Guidance Required)

While detailed installation steps are beyond the scope of a user manual and should be handled by professionals, the general process involves:

1. Mounting the indoor unit.
2. Mounting the outdoor unit.
3. Connecting refrigerant lines between units.
4. Connecting electrical wiring.
5. Vacuuming and charging the refrigerant system.
6. Connecting the condensate drain line.
7. Testing the system for proper operation.

## 5. OPERATING INSTRUCTIONS

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This section details how to operate your GREE GWH18AVDXF-S6DTA1A air conditioner using the remote control and smart features.

### 5.1 Basic Operation Modes

- **Cooling Mode:** For reducing room temperature. Set desired temperature using the remote control.
- **Heating Mode:** For increasing room temperature (HOT & COLD model).
- **Fan Mode:** Circulates air without cooling or heating.
- **Dry Mode:** Reduces humidity in the room.
- **Auto Mode:** The unit automatically selects the appropriate mode (cooling, heating, or fan) based on the room temperature.

### 5.2 Smart Features

Your GREE air conditioner is equipped with advanced smart features for enhanced convenience.

#### Smart Voice Control

The unit supports smart voice control, allowing you to manage settings using voice commands through compatible third-party smart speakers like Google Assistant or Amazon Alexa. Commands are sent to the AirQua Pro system.

## التحكم الذكي بالصوت دون إستخدام اليد Smart Voice Control to Free Your Hands

المكيف مدعوم بخاصية التحكم الذكي بالصوت وسماعات الصوت الذكية  
Smart voice control is available, and the third party smart voice speakers are compatible.

متوافقة عندما تعطي الأمر يقوم مساعد قوقل أو أمازون اليكسا بإرسال الأمر إلى المكيف بدون وحدة تحكم عن بعد, يمكنك الإستمتاع بالحياة الذكية بأي وقت وأي مكان في منزلك

When you give a command, the Google Assistant or Amazon Alexa will send the command to AirQua Pro. Without a remote control, you can still enjoy smart life at anytime and anywhere in your house.



AI-PRO AI-MAX



Wifi Control



Smart On Demand



Timer



Voice Interaction



Life Helper

Image 5.1: Illustration of the Smart Voice Control feature, enabling hands-free operation via smart speakers.

### Ultra-Wide Voltage Operation

The unit is designed for stable and reliable operation within a wide voltage range of 130V-275V AC, protecting the appliance from voltage fluctuations.

## Ultra-Wide Voltage Operation

تشغيل آمن ومستقر ضمن نطاق تيار كهربائي واسع من  
130 فولت حتى 275 فولت

Ultra-Wide Voltage Operation, Safe and  
Reliable

Stable and reliable operation in a wide  
voltage range of 130V~275V AC



Image 5.2: The outdoor unit highlighting the Ultra-Wide Voltage Operation capability for enhanced reliability.

## 6. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your air conditioner. Always disconnect power before performing any maintenance.

### 6.1 Self-Cleaning Function

The GREE GWH18AVDXF-S6DTA1A features a self-cleaning function for both the indoor and outdoor units. Refer to your remote control manual for instructions on activating this feature. This function helps prevent mold and bacteria growth and maintains coil efficiency.

### 6.2 Air Filter Cleaning

Clean the air filters regularly (typically every two weeks, or more often depending on usage and air quality). Dirty filters reduce airflow and efficiency.

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

### 6.3 Outdoor Unit Cleaning

Periodically check the outdoor unit for debris, leaves, or dirt that may obstruct airflow. Carefully remove any obstructions. For thorough cleaning of coils, consult a professional.



## 7. TROUBLESHOOTING

Before contacting service, review the following common issues and their potential solutions.

Problem	Possible Cause	Solution
Unit does not start	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; Doors/windows open; Incorrect mode setting.	Clean air filters; Clear obstructions from outdoor unit; Close doors/windows; Select correct mode.
Unusual noise	Loose parts; Obstruction in fan; Unit not level.	Check for loose parts; Remove obstructions; Ensure unit is level. If noise persists, contact service.
Water leakage from indoor unit	Blocked drain pipe; Unit not level.	Clear drain pipe; Ensure unit is level. Contact service if issue persists.

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

## 8. SPECIFICATIONS

Detailed technical specifications for the GREE GWH18AVDXF-S6DTA1A Split Air Conditioner.

Specification	Value
Model Number	GWH18AVDXF-S6DTA1A
Manufacturer	Gree
Type	Split System, Hot & Cold
Cooling Capacity	18000 BTU
Heating Capacity	19100 BTU
Refrigerant	R32
Voltage	220 Volts
Wattage	5.28 kWh
Noise Level	40 dB
Item Weight (Total)	73 Kilograms
Product Dimensions (Indoor Unit)	25.7D x 97W x 34.7H centimeters
Seasonal Energy Efficiency Ratio (SEER)	15.8
Special Features	AI Pro Inverter, G-AI 2.0, G-Boost, Self-Cleaning, Long Distance Air Supply, Ultra-Wide Voltage Operation

Specification	Value
Included Components	Catalogue

## 9. WARRANTY AND SUPPORT

Your GREE GWH18AVDXF-S6DTA1A Split Air Conditioner comes with a manufacturer’s warranty. Please refer to the warranty card included with your product for specific terms and conditions, including coverage duration and claim procedures. The product is associated with a "Golden Warranty" as indicated in product information.

For technical support, service requests, or warranty claims, please contact your authorized GREE dealer or the manufacturer's customer service department. Ensure you have your model number (GWH18AVDXF-S6DTA1A) and purchase date available when contacting support.

### Related Documents - GWH18AVDXF-S6DTA1A

	<p><a href="#">GREE Кондиционеры: Инновационные Технологии и Мировое Лидерство</a></p> <p>Узнайте о передовых технологиях GREE в области кондиционирования воздуха, включая ИИ, очистку воздуха, энергосбережение и широкий ассортимент бытовых и полупромышленных моделей.</p>
	<p><a href="#">GREE FLEXX ULTRA R32 A-Coil Unitary Heat Pump Submittal Data and Specifications</a></p> <p>Detailed submittal data, specifications, dimensions, and installation clearances for the GREE FLEXX ULTRA R32 A-Coil Unitary Heat Pump Split System (FXA48C32AH / FXU60HP230V1R32A0), featuring 48000 BTU/H capacity.</p>
	<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>



 <p>The image shows the cover of the 'GREE FLEXX ULTRA R32 Heat Pump Submittal Data &amp; Specifications' document. It features the GREE logo and the 'FLEXX ULTRA R32' branding. Below the title, there is a 'SUBMITTAL DATA' section with fields for Project Name, Location, and Date. The main body of the document lists various technical specifications and features of the heat pump system.</p>	<p><a href="#">GREE FLEXX ULTRA R32 Heat Pump Submittal Data &amp; Specifications</a></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>The image shows the cover of the 'GREE ALL-MATCH INVERTER SERIES R32 Service Manual'. It features the GREE logo and the 'ALL-MATCH INVERTER SERIES R32' branding. Below the title, there is a 'Service Manual' section with fields for Project Name, Location, and Date. The main body of the document provides detailed technical information, installation guidelines, maintenance procedures, troubleshooting steps, and removal instructions for the GREE ALL-MATCH INVERTER SERIES R32 air conditioning systems.</p>	<p><a href="#">GREE ALL-MATCH INVERTER SERIES R32 Service Manual</a></p> <p>This comprehensive service manual provides detailed technical information, installation guidelines, maintenance procedures, troubleshooting steps, and removal instructions for the GREE ALL-MATCH INVERTER SERIES R32 air conditioning systems.</p>
 <p>The image shows the cover of the 'GREE SAP09HP230V1R32AH/SAP09HP230V1R32AO Heat Pump Submittal Data and Specifications' document. It features the GREE logo and the 'SAP09HP230V1R32AH/SAP09HP230V1R32AO' branding. Below the title, there is a 'SUBMITTAL DATA' section with fields for Project Name, Location, and Date. The main body of the document lists various technical specifications and features of the heat pump system.</p>	<p><a href="#">GREE SAP09HP230V1R32AH/SAP09HP230V1R32AO Heat Pump Submittal Data and Specifications</a></p> <p>Detailed submittal data, specifications, features, and installation clearances for the GREE SAP09HP230V1R32AH/SAP09HP230V1R32AO 9000 BTU/H Wall Mounted Heat Pump System.</p>