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## GLACER KT-107

# GLACER 18000 BTU Mini Split Air Conditioner & Heater

## USER MANUAL

Brand: GLACER | Model: KT-107

### Product Overview

The GLACER 18000 BTU Mini Split Air Conditioner & Heater is designed to provide year-round comfort with powerful cooling and heating capabilities. With an 18,000 BTU cooling capacity and a 1-ton heat pump, it effectively manages temperatures in spaces up to 1250 square feet. This unit offers four versatile working modes: cool, heat, dry, and fan, adapting to various seasonal needs. Engineered for quiet operation, it produces noise levels as low as 31 decibels, ensuring a peaceful environment. Advanced features include an intelligent 0-24 hour timer for customized scheduling and energy efficiency, along with multiple control methods including mobile app and voice assistant via WiFi connectivity. The system also incorporates self-cleaning functions and removable, washable filters for improved air quality and simplified maintenance. A comprehensive installation kit is included for a straightforward setup process. Automatic defrosting and ETL certification ensure long-term durability and high safety standards.

### Key Features

- **Robust Cooling & Heating:** 18,000 BTU cooling capacity and 1-ton heat pump, suitable for areas up to 1250 sq. ft.
- **Energy Efficient:** 21 SEER2 rating for significant energy savings.
- **Multi-Mode Operation:** Offers Cool, Heat, Dry, and Fan modes to meet diverse climate control needs.
- **Ultra-Quiet Performance:** Operates at a low noise level of 31 dB for undisturbed comfort.
- **Smart Control:** WiFi connectivity enables control via mobile app and voice assistants (Alexa, Google Assistant).
- **Convenient Timer:** Features a 0-24 hour programmable timer for automated operation.
- **Self-Cleaning Function:** Ensures fresh air and reduces maintenance effort.
- **Washable Filters:** Removable and easy-to-clean filters promote healthier air circulation.
- **Easy Installation:** Comes with a complete installation kit and pre-charged condenser for simplified setup.
- **Safety & Reliability:** Equipped with automatic defrosting and ETL certification.

# Fast Cooling & Heating

**17000 BTU**

Cooling Capacity

**1.5 Ton**

Heat Pump

**17700 BTU**

Heating Capacity



**1250 Sq.Ft Coverage Area**

Figure 1: Illustration of the GLACER Mini Split's efficient cooling and heating coverage.

## Package Contents

Upon unpacking, please verify that all the following components are included in your package:

- 1 x Indoor Unit
- 1 x Outdoor Unit
- 1 x 13 ft Copper Connection Pipe - Liquid Pipe
- 1 x 13 ft Copper Connection Pipe - Air Pipe
- 1 x 8 ft Power Line
- 1 x 15 ft Communication Wire
- 1 x 6.5 ft Drain Hose
- 1 x Remote Control with 2 Batteries
- 1 x Tape
- 1 x Wall Sleeve

- 1 x Putty
- 1 x User Guide (this manual)



Figure 2: All-inclusive set of components for the GLACER Mini Split system.

## Setup and Installation

The GLACER Mini Split system is designed for straightforward installation, thanks to its comprehensive kit and pre-charged condenser. While the process is simplified, professional installation is recommended to ensure optimal performance and adherence to local electrical and HVAC codes. Please refer to the detailed "User Guide" included in your package for step-by-step instructions, safety precautions, and wiring diagrams specific to your model.

### Key installation considerations include:

- Selecting an appropriate location for both indoor and outdoor units, ensuring proper airflow and drainage.
- Mounting the indoor unit securely on a wall.
- Positioning the outdoor unit on a stable, level surface.
- Connecting the copper refrigerant pipes, power line, and communication wire between the units.
- Ensuring proper drainage for condensate.

- Vacuuming the refrigerant lines before opening the pre-charged condenser valves.



Figure 3: Dimensions of the indoor and outdoor units, indicating packaging in two boxes.

## Operating Instructions

Your GLACER Mini Split system offers a variety of operating modes and smart features for optimal comfort and convenience. Control the unit using the included remote control, or via the dedicated mobile application and voice assistants when connected to WiFi.

### Operating Modes:

- **Cool Mode:** Provides powerful cooling to lower room temperature.
- **Heat Mode:** Utilizes the heat pump to warm the room.
- **Dry Mode (Dehumidify):** Reduces humidity levels in the air.
- **Fan Mode:** Circulates air without heating or cooling.
- **Auto Mode:** Automatically selects the appropriate mode based on the set temperature.
- **Sleep Mode:** Adjusts temperature and fan speed for comfortable sleep and energy saving.

- **ECO Mode:** Optimizes operation for maximum energy efficiency.

### Control Options:

- **Remote Control:** Use the provided remote to adjust settings, modes, fan speeds (Low, Mid, High, Turbo), and activate features like 4D Auto Swing and 24H Timer.
- **WiFi Connectivity:** Download the dedicated smart app (available on Google Play and Apple App Store) to control your AC from anywhere.
- **Voice Assistant Integration:** Compatible with Alexa and Google Assistant for hands-free control.

**Powerful Function**  
Meet All-Season Needs

26 ft

<b>7</b> Modes  <b>4</b> Wind Speeds  More Features							
	Auto	Cool	Heat	Dry	Fan	Sleep	ECO
	<b>Low</b>	<b>Mid</b>	<b>High</b>	<b>Turbo</b>			
	Screen Off	°F/°C	4D Auto Swing	24H Timer	Self-Cleaning		

Figure 4: Powerful functions and control options via remote control.

# Ultra Quiet



Figure 5: The unit's ultra-quiet operation, ideal for peaceful environments.

# Control Your AC Anytime, Anywhere



“Alexa, turn on the split air conditioner.”



Use Our Smart App



Figure 6: Control your AC anytime, anywhere using the smart app and voice assistants.

## Maintenance

Regular maintenance ensures the longevity and efficient operation of your GLACER Mini Split system. The unit is designed with features to simplify upkeep.

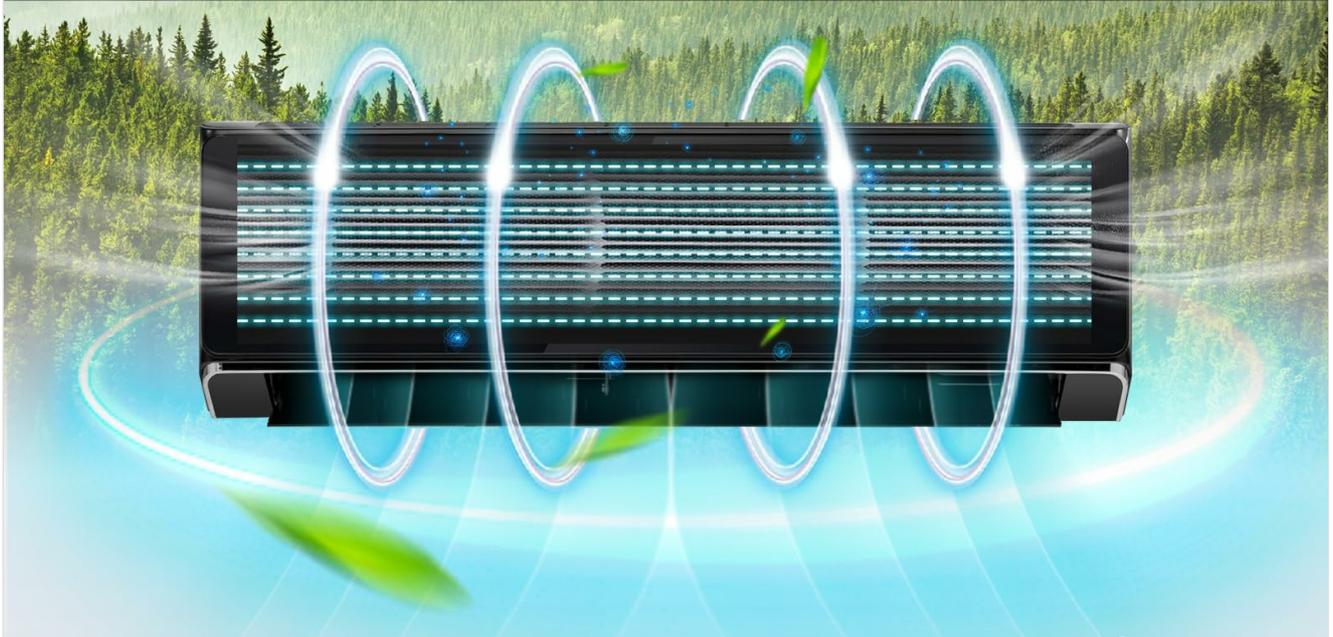
### Key Maintenance Procedures:

- **Self-Cleaning Function:** Activate the self-cleaning feature periodically to remove accumulated dust and moisture from the indoor coil, preventing mold and odors. This function heats the evaporator to 134.6°F for thorough cleaning.
- **Filter Cleaning:** The air filters are removable and washable. Clean them regularly (e.g., every 2-4 weeks, depending on usage) to maintain optimal airflow and air quality. Refer to the user guide for detailed instructions on how to remove and clean the filters.
- **Outdoor Unit Cleaning:** Keep the outdoor unit free from debris, leaves, and other obstructions to ensure proper airflow to the condenser coil.
- **Automatic Defrosting:** The unit features automatic defrosting to prevent ice buildup on the outdoor coil during

heating operation in cold climates, ensuring continuous performance.

# 134.6°F High Temperature Self-Cleaning

## Free your hands and enjoy fresh air



### Removable & Washable Filter



Auto  
Defrost



ETL  
Certification

Figure 7: Self-cleaning feature and removable, washable filters for easy maintenance.

## Troubleshooting

If you encounter any issues with your GLACER Mini Split system, please consult the comprehensive "User Guide" provided with your product. It contains a detailed troubleshooting section with common problems and their solutions. Before contacting customer support, review this section as many issues can be resolved quickly.

### Common troubleshooting topics often include:

- Unit not turning on or responding to remote.
- Insufficient cooling or heating.
- Unusual noises during operation.
- Water leakage from the indoor unit.
- Error codes displayed on the unit.
- WiFi connectivity issues.

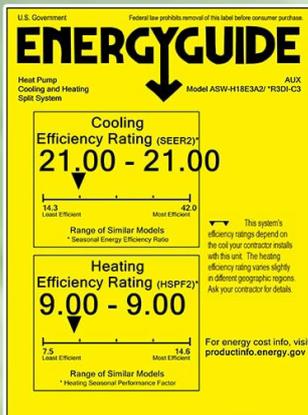
For problems not covered in the manual or persistent issues, please contact GLACER customer support.

## Technical Specifications

<b>Model Number</b>	KT-107
<b>Cooling Capacity</b>	18000 BTU
<b>Heating Capacity</b>	17700 BTU
<b>Voltage</b>	208-230V~60Hz/1PH
<b>Max. Input Power</b>	2200W
<b>Max. Input Current</b>	12A
<b>Coverage Area</b>	1250 sq. ft
<b>Air Flow Rate</b>	618 CFM
<b>Temperature Setting Range</b>	60.8°F~89.6°F (16°C~32°C)
<b>Refrigerant</b>	R32
<b>SEER</b>	21
<b>HSPF</b>	9
<b>Indoor Noise Level</b>	31 dB
<b>Outdoor Noise Level</b>	53 dB
<b>Total Net Weight</b>	99 lbs
<b>Product Dimensions (Indoor Unit)</b>	39"W x 9"D x 12.5"H
<b>Product Dimensions (Outdoor Unit)</b>	31"W x 12"D x 22"H

# Efficiency Meets Eco-Friendliness

Comply with New SEER2\* Standard



**21**  
SEER2

**9**  
HSPF2



\*SEER2 is an update version of SEER (Seasonal Energy Efficiency Rating), which better reflects real-time usage.

Figure 8: Energy efficiency ratings and certifications for the GLACER Mini Split.

## Warranty and Support

GLACER provides comprehensive warranty coverage for your peace of mind:

- **Parts Replacement:** 5 years of parts replacement coverage.
- **Compressor Coverage:** 8 years of compressor coverage.

For any questions, technical assistance, or warranty claims, please contact GLACER customer support. Refer to the contact information provided in your original product packaging or on the official GLACER website.

You can also find additional support and resources by visiting the [GLACER Store on Amazon](#).

