

AERMEC SLG350W

AERMEC SLG350W Inverter Air Conditioner User Manual

Model: SLG350W

1. INTRODUCTION

Thank you for choosing the AERMEC SLG350W Inverter Air Conditioner. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your new air conditioning system. Please read this manual thoroughly before using the appliance and keep it for future reference.

The AERMEC SLG350W is a 3.5 KW (12000 BTU) Inverter Split System Air Conditioner designed for optimal cooling and heating performance, utilizing R32 gas for improved environmental efficiency.

2. SAFETY INFORMATION

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and injury.

- Ensure the power supply matches the specifications of the unit.
- Do not attempt to install or repair the unit yourself. Installation and maintenance should only be performed by qualified personnel.
- Do not insert fingers or objects into the air inlet/outlet.
- Keep the area around the outdoor unit clear of obstructions.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified persons to avoid a hazard.
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.

3. PRODUCT OVERVIEW

The AERMEC SLG350W is a split-system air conditioner consisting of an indoor unit and an outdoor unit, connected by refrigerant piping and electrical wiring. It features inverter technology for energy efficiency and precise temperature control.



Figure 3.1: Overview of the Aermec SLG350W air conditioner system, showing the indoor unit, outdoor unit, and remote control. The indoor unit is a sleek white rectangular shape, and the outdoor unit is a compact, white rectangular box with a fan grille.



Figure 3.2: A closer view of the Aermec SLG350W air conditioner, highlighting its R32 refrigerant and Inverter technology. This image shows the indoor unit, outdoor unit, and remote control, with additional graphical icons indicating R32 gas, cooling/heating functions, monosplit system, and inverter technology.

Key Features:

- **Inverter Compressor:** Provides precise temperature control and energy efficiency.
- **R32 Gas:** Environmentally friendly refrigerant.
- **Cooling and Heating:** Capable of both cooling and heating functions.
- **Wi-Fi Kit Compatibility:** Can be controlled remotely via smartphone or tablet with an optional Wi-Fi kit (WIFIKIT10).
- **Prefilter:** Helps maintain air quality.

4. SETUP AND INSTALLATION

Installation of the AERMEC SLG350W split system air conditioner requires specialized tools and knowledge. **It is mandatory that installation be performed by a certified and qualified HVAC technician.** Improper installation can lead to refrigerant leaks, electrical hazards, and damage to the unit, voiding the warranty.

4.1 Pre-Installation Checks

- Verify that the power supply meets the unit's requirements (Voltage, Frequency).
- Ensure adequate space for both indoor and outdoor units for proper airflow and maintenance access.
- Check for proper drainage for condensate water.

4.2 Indoor Unit Placement

- Mount the indoor unit on a wall strong enough to support its weight.
- Avoid direct sunlight or heat sources.
- Ensure unobstructed airflow around the unit.

4.3 Outdoor Unit Placement

- Place the outdoor unit on a stable, level surface, away from direct sunlight and excessive dust.
- Ensure sufficient clearance for air intake and exhaust.
- Minimize the length of refrigerant piping between units for optimal performance.

4.4 Electrical Connections

All electrical wiring must comply with local codes and regulations. A dedicated circuit breaker is recommended.

4.5 Refrigerant Piping and Drainage

Proper vacuuming of the refrigerant lines is crucial before charging the system. Ensure the condensate drain line is sloped correctly to allow for continuous drainage.

5. OPERATING INSTRUCTIONS

Your AERMEC SLG350W air conditioner is operated primarily via the included remote control.

5.1 Remote Control Functions

The remote control allows you to adjust various settings:

- **ON/OFF Button:** Powers the unit on or off.
- **MODE Button:** Cycles through operating modes (Cool, Heat, Fan, Dry, Auto).
- **TEMP +/- Buttons:** Adjusts the desired temperature.
- **FAN Button:** Changes fan speed (Auto, Low, Medium, High).
- **SWING Button:** Controls the vertical louver movement.
- **TIMER Button:** Sets the auto-on or auto-off timer.
- **SLEEP Button:** Activates sleep mode for quiet operation and energy saving.

5.2 Operating Modes

- **Cool Mode:** For cooling the room. Set the desired temperature.
- **Heat Mode:** For heating the room. Set the desired temperature.

- **Fan Mode:** Circulates air without cooling or heating.
- **Dry Mode:** Reduces humidity in the room.
- **Auto Mode:** The unit automatically selects the operating mode based on the room temperature.

5.3 Wi-Fi Control (Optional)

If you have purchased and installed the optional WIFIKIT10, you can control your air conditioner remotely using a dedicated smartphone or tablet application. Refer to the Wi-Fi kit's separate instructions for setup and usage.

6. MAINTENANCE

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

6.1 Air Filter Cleaning (Indoor Unit)

The prefilter should be cleaned every two weeks or more frequently depending on usage and air quality.

1. Open the front panel of the indoor unit.
2. Remove the air filters.
3. Clean the filters with a vacuum cleaner or wash them with lukewarm water (below 40°C).
4. Allow the filters to dry completely in a shaded area before reinstalling.
5. Close the front panel.

6.2 Outdoor Unit Cleaning

Periodically clean the outdoor unit's coil and fan blades to remove dust, leaves, and debris. This should ideally be done by a professional technician during annual servicing.

6.3 Seasonal Checks

- Before the cooling season, check the refrigerant levels and clean the coils.
- Before the heating season, ensure the unit is free from ice buildup and check heating performance.

7. TROUBLESHOOTING

Before contacting service, check the following common issues and solutions:

Problem	Possible Cause	Solution
Unit does not start	No power; Remote control batteries low; Timer set.	Check power supply/breaker; Replace batteries; Cancel timer setting.
Insufficient cooling/heating	Dirty air filter; Obstruction at air inlet/outlet; Temperature setting incorrect; Room too large.	Clean air filter; Remove obstruction; Adjust temperature; Consult technician for proper sizing.
Water leakage from indoor unit	Drain hose clogged or kinked; Improper installation.	Check and clear drain hose; Contact qualified technician for inspection.
Unusual noise	Loose parts; Fan obstruction; Compressor issue.	Turn off unit and inspect for loose parts; Contact qualified technician.

If the problem persists after attempting these solutions, please contact a qualified service technician. Do not attempt to

repair the unit yourself.

8. SPECIFICATIONS

Technical specifications for the AERMEC SLG350W Inverter Air Conditioner:

Feature	Value
Model Number	SLG350W
Cooling Capacity	3.2 kW (12000 BTU)
Heating Capacity	3.5 kW
Power Consumption (Cooling)	1.0 kW
Power Consumption (Heating)	1.0 kW
Energy Efficiency Class (Cooling)	A++
Energy Efficiency Class (Heating)	A+
SEER (Seasonal Energy Efficiency Ratio)	6.1
SCOP (Seasonal Coefficient of Performance)	4.0
Refrigerant Type	R32
Installation Method	Split System
Special Features	Inverter Compressor, Wi-Fi Ready (with optional kit)
Filter Type	Prefilter

9. WARRANTY AND SUPPORT


9.1 Warranty Information

The AERMEC SLG350W air conditioner comes with a limited warranty. Please refer to the warranty card included with your product for specific terms, conditions, and duration. Keep your purchase receipt as proof of purchase for warranty claims.

9.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty service, please contact AERMEC customer support or your authorized dealer.
Please visit the official AERMEC website for the most up-to-date contact information and service center locations.



	<p><u>AERMEC SLG Serie Installationshandbuch Klimaanlagen Installation & Wartung</u></p> <p>Umfassendes Installationshandbuch für AERMEC SLG Serie Split-Klimaanlagen (200W-700W). Enthält detaillierte Anleitungen zur Installation, Wartung, Fehlerbehebung und technische Daten für Modelle wie SLG200W, SLG250W, SLG350W, SLG500W, SLG700W.</p>
	<p><u>AERMEC FK260 FK360 Use and Installation Manual</u></p> <p>Comprehensive guide for the installation, operation, and maintenance of AERMEC FK260 and FK360 air conditioning units, covering safety, features, technical specifications, and troubleshooting.</p>
	<p><u>AERMEC CMP231 Air Conditioner User Manual</u></p> <p>Comprehensive user manual for the AERMEC CMP231 air conditioner, covering operation, warnings, troubleshooting, technical data, and maintenance procedures.</p>
	<p><u>AERMEC Remote Controller User Manual</u></p> <p>Comprehensive user manual for the AERMEC remote controller, detailing all functions, operations, and settings for your air conditioning unit, including mode selection, fan speed, timers, and special features.</p>
	<p><u>AERMEC SRP Heat Pumps: Technical, Installation, and Maintenance Manual</u></p> <p>Comprehensive guide for AERMEC SRP heat pumps, detailing technical specifications, installation procedures, operational limits, and maintenance guidelines for optimal performance and longevity. Covers models SRP 10, SRP 14M, SRP 14T, and SRP 19.</p>
	<p><u>Manuale Utente Telecomando AERMEC WLRC</u></p> <p>Guida completa all'uso del telecomando AERMEC WLRC per condizionatori d'aria, con spiegazioni dettagliate delle funzioni, modalità operative, impostazioni e icone del display.</p>