

Super General KSGS183GE

Super General 1.5 Ton Split System Air Conditioner User Manual

MODEL: KSGS183GE

1. INTRODUCTION

Thank you for choosing the Super General 1.5 Ton Split System Air Conditioner, Model KSGS183GE. This manual provides essential information for the safe and efficient use, installation, maintenance, and troubleshooting of your new air conditioning unit. Please read this manual thoroughly before operating the appliance and keep it for future reference.



Figure 1: Front view of the Super General 1.5 Ton Split System Air Conditioner indoor unit, displaying its sleek white design and digital temperature display.

2. SAFETY INFORMATION

To ensure safe operation and prevent damage to the unit or injury to yourself and others, please observe the following safety precautions:

- **Professional Installation:** Installation, maintenance, and repair of this appliance must be performed by qualified service personnel only. Improper installation can lead to electric shock, fire, or water leakage.
- **Power Supply:** Ensure the power supply voltage matches the unit's requirements (230V, 1Ph, 60Hz). Do not use

damaged power cords or plugs.

- **Grounding:** The unit must be properly grounded to prevent electric shock.
- **Clearance:** Maintain adequate clearance around the indoor and outdoor units for proper airflow and heat dissipation.
- **Flammable Materials:** Do not place flammable or combustible materials near the unit.
- **Children and Pets:** Keep children and pets away from the unit, especially during operation.
- **Water Exposure:** Do not expose the outdoor unit to excessive water spray or direct rain for prolonged periods.

3. PRODUCT COMPONENTS AND FEATURES

Your Super General Air Conditioner is designed with advanced features for optimal cooling and user comfort.

3.1 Key Components

- **Indoor Unit:** Houses the evaporator coil, fan, and control panel.
- **Outdoor Unit:** Contains the compressor, condenser coil, and fan.
- **Remote Control:** For convenient operation of the unit.
- **Copper Piping:** 100% copper condenser for efficient heat exchange and durability.

3.2 Advanced Features

- **Turbo Mode:** Provides rapid cooling for quick comfort.
- **Sleep Mode:** Adjusts temperature and fan speed for comfortable sleep and energy saving.
- **Comfort Feel:** Intelligent sensing to optimize room temperature.
- **Auto-Restart:** Automatically resumes operation with previous settings after a power outage.
- **4-Way Airflow:** Ensures even distribution of cool air throughout the room.
- **Hidden Display:** Integrated digital display for a sleek appearance.
- **Gold Fin:** Anti-corrosive condenser coating for enhanced durability and resistance to harsh weather conditions.

FEATURES



Timer



Turbo



**4 Way
Swing**



**Night
Display**



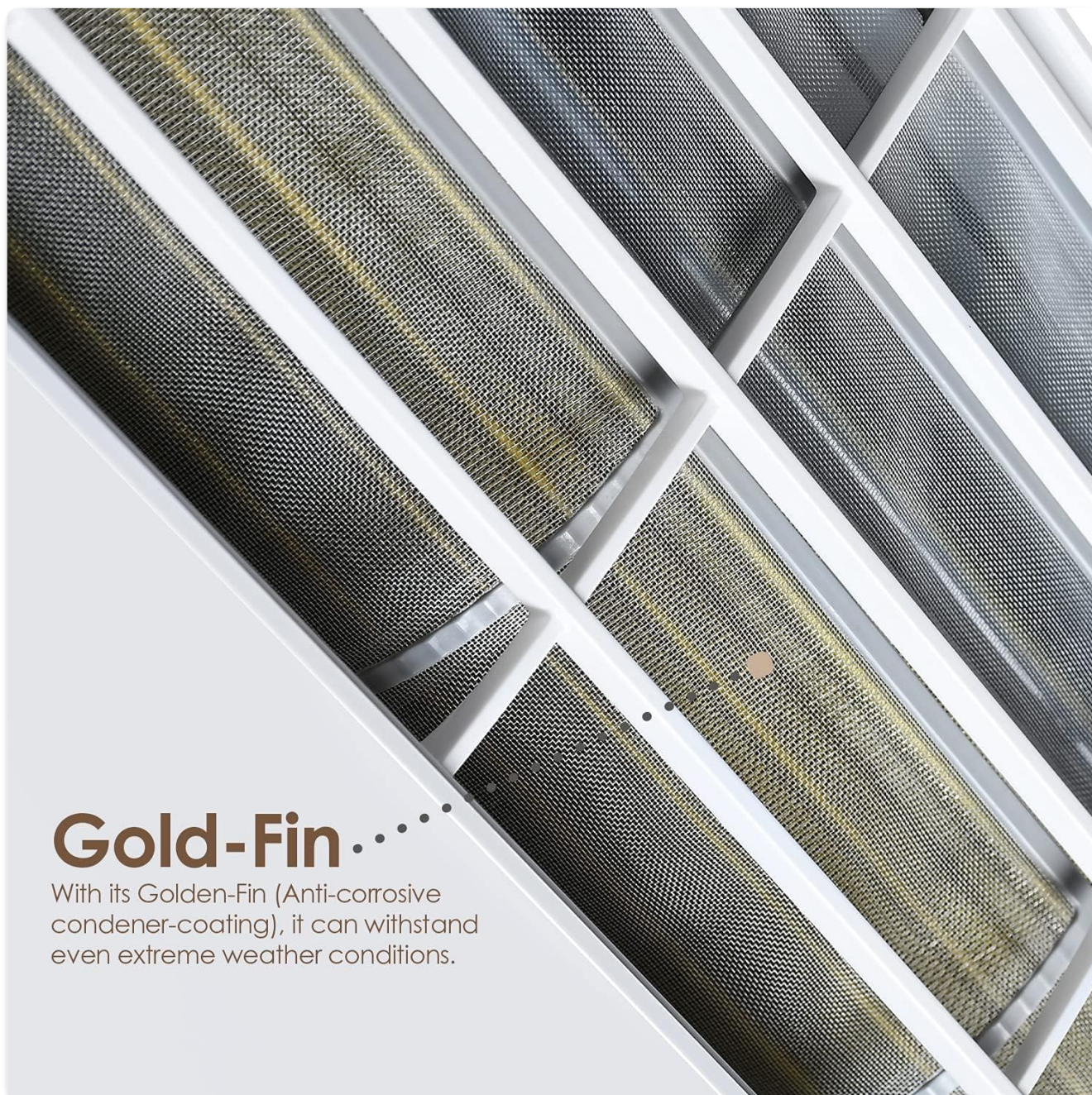
**Eco
Mode**



**Follow
Me**



Figure 2: Visual representation of key features including Timer, Turbo mode, 4-Way Swing, Night Display, Eco Mode, and Follow Me function.



Gold-Fin

With its Golden-Fin (Anti-corrosive condenser-coating), it can withstand even extreme weather conditions.

Figure 3: Detailed view of the Gold-Fin anti-corrosive coating on the condenser, designed to withstand extreme weather conditions and prolong unit life.



Figure 4: Close-up view of the indoor unit's air vents and adjustable louvers, demonstrating the mechanism for 4-way airflow distribution.

4. INSTALLATION AND SETUP

Proper installation is crucial for the performance and longevity of your air conditioner. It is highly recommended that installation be carried out by a certified technician.

4.1 Pre-Installation Considerations

- **Location:** Choose a location for both indoor and outdoor units that allows for optimal airflow, minimal obstruction, and easy access for maintenance.
- **Structural Support:** Ensure the wall or mounting surface can support the weight of the indoor unit.
- **Drainage:** Plan for proper condensate drainage from the indoor unit.
- **Electrical Requirements:** Verify that the electrical circuit can handle the unit's power consumption (230V, 1Ph, 60Hz).

4.2 Installation Steps (Overview for Technician)

1. Mount the indoor unit securely on the wall.
2. Install the outdoor unit on a stable, level surface.
3. Connect the refrigerant pipes between the indoor and outdoor units. Ensure proper vacuuming and charging of the refrigerant (R410a).
4. Connect the electrical wiring according to the wiring diagram provided with the unit.
5. Install the condensate drain pipe.
6. Perform a leak test and functional test.

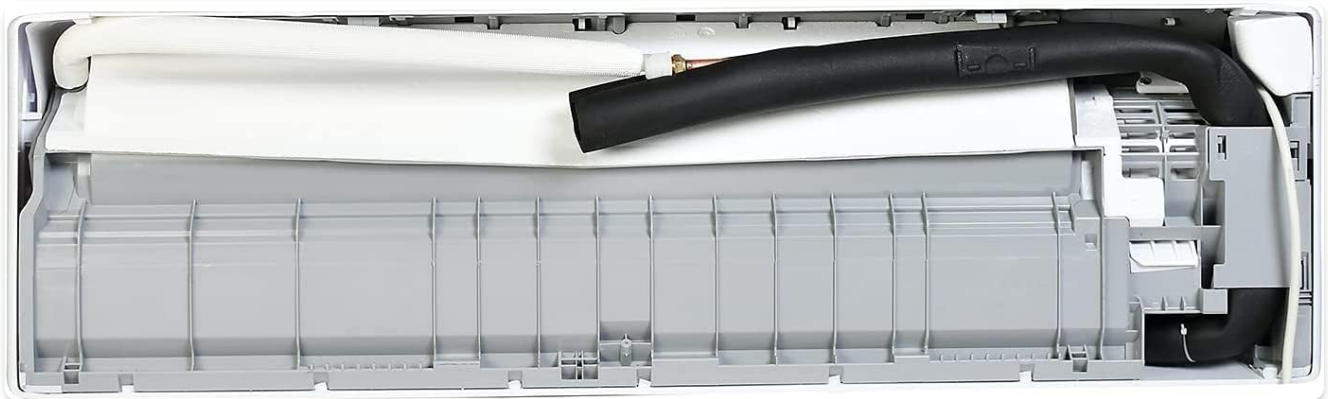


Figure 5: Internal view of the indoor unit, illustrating the arrangement of copper pipes and insulation, critical for proper installation and refrigerant flow.

5. OPERATION

Your air conditioner is operated primarily using the included remote control.

5.1 Basic Functions

- **Power ON/OFF:** Press the power button on the remote control to turn the unit on or off.
- **Mode Selection:** Use the 'Mode' button to cycle through available modes: Cool, Fan, Dry, Auto.
- **Temperature Adjustment:** Use the 'Temp Up' and 'Temp Down' buttons to set your desired temperature.
- **Fan Speed:** Adjust the fan speed (Auto, Low, Medium, High) using the 'Fan' button.

5.2 Special Functions

- **Turbo Mode:** Activates maximum cooling power for rapid temperature reduction.
- **Sleep Mode:** Optimizes temperature and fan settings for quiet and comfortable sleep.
- **Swing Function:** Activates the 4-way airflow louvers to distribute air evenly. Press the 'Swing' button to adjust the direction.
- **Timer Function:** Set the unit to turn on or off automatically after a specified period. Refer to the remote control manual for detailed timer settings.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your air conditioner.

6.1 Air Filter Cleaning

Clean the air filters every two weeks or more frequently if the unit is used heavily or in dusty environments.

1. Turn off the air conditioner and disconnect it from the power supply.
2. Open the front panel of the indoor unit.
3. Remove the air filters.
4. Clean the filters with a vacuum cleaner or wash them with lukewarm water and a mild detergent. Rinse thoroughly.
5. Allow the filters to dry completely in a shaded area before reinserting them.
6. Close the front panel.

6.2 Unit Cleaning

- Wipe the indoor unit's surface with a soft, dry cloth. For stubborn dirt, use a damp cloth with mild detergent, then wipe dry.
- Do not use harsh chemicals, abrasive cleaners, or solvents.
- For the outdoor unit, ensure the coils are free from debris (leaves, dust). Use a soft brush or vacuum cleaner.
- The Gold Fin coating on the condenser helps resist corrosion, but regular cleaning of external debris is still recommended.

6.3 Professional Servicing

It is recommended to have your air conditioner professionally serviced at least once a year to check refrigerant levels, clean coils, and inspect electrical connections.

7. TROUBLESHOOTING

Before contacting service, please check the following common issues:

Problem	Possible Cause	Solution
Unit does not turn on	No power supply; Remote control batteries dead; Circuit breaker tripped.	Check power connection; Replace remote batteries; Reset circuit breaker.
Insufficient cooling	Dirty air filters; Blocked outdoor unit; Doors/windows open; Room too large; Low refrigerant.	Clean air filters; Clear obstructions from outdoor unit; Close doors/windows; Consult technician for refrigerant check.

Problem	Possible Cause	Solution
Unusual noise	Loose parts; Fan obstruction; Compressor issue.	Check for loose parts; Clear obstructions; If noise persists, contact service.
Water leakage from indoor unit	Clogged drain pipe; Improper installation.	Clear drain pipe; Contact technician for inspection.

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

8. SPECIFICATIONS

Detailed technical specifications for the Super General 1.5 Ton Split System Air Conditioner, Model KSGS183GE.

Specification	Value
Model Number	KSGS183GE
Capacity	1.5 Tons (18000 BTU/h)
Compressor Type	Rotary
Refrigerant Type	R410a
Voltage (V, Ph, Hz)	230V, 1Ph, 60Hz
Noise Level	48 dB
Product Dimensions (D x W x H)	30.2 x 102.1 x 40.2 cm
Item Weight	13 Kilograms
Condenser Material	100% Copper with Gold Fin coating
Included Components	Remote Control
BEE Star Rating	4 Star



Figure 6: Dimensional diagram of the indoor unit (30.2 cm D x 102.1 cm W x 40.2 cm H) and key specifications including Annual Energy Consumption (3750 Kwh), Rated Capacity (18000 BTU / 1.5 Ton), and Net Weight (15 KG).

9. WARRANTY AND SUPPORT

Your Super General Air Conditioner is backed by a manufacturer's warranty to ensure your peace of mind.

9.1 Warranty Information

This item is eligible for a 1-year warranty provided by the Manufacturer/Brand from the date of purchase. While the product title may indicate a two-year warranty, please refer to the specific terms and conditions provided by the manufacturer or seller for the most accurate and up-to-date warranty details.

9.2 Customer Support

For any technical assistance, warranty claims, or service requests, please contact the Manufacturer/Brand or Seller directly. Ensure you have your purchase receipt and product model number (KSGS183GE) ready when contacting support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

How can I fix error code FY on my Super General KSGS183GE air conditioner?

The provided manual for the Super General KSGS183GE does not explicitly list an "FY" error code in its troubleshooting section. However, in many split system air conditioners, codes starting with "F" often relate to...

[Read full answer](#)