

## AKAI AKSI-223LQA

# Akai 2 Ton 3 Star Inverter Split AC

MODEL: AKSI-223LQA USER MANUAL

## 1. Introduction

Thank you for choosing the Akai 2 Ton 3 Star Inverter Split AC, Model AKSI-223LQA. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your air conditioner. Please read this manual thoroughly before using the appliance and retain it for future reference.

## 2. Safety Information

To prevent injury to the user or other people and property damage, the following instructions must be followed. Incorrect operation due to ignoring instructions may cause harm or damage.

- **Professional Installation:** Installation, maintenance, and repair must be performed by qualified service personnel. Do not attempt to install or repair the unit yourself.
- **Electrical Safety:** Ensure the power supply matches the unit's specifications. Do not use damaged power cords or plugs. Always ground the unit properly.
- **Refrigerant:** This unit uses R-32 refrigerant. Do not discharge refrigerant into the atmosphere. Contact a qualified technician for any refrigerant-related issues.
- **Clearance:** Maintain adequate clearance around both indoor and outdoor units for proper airflow and heat dissipation.
- **Children and Pets:** Keep children and pets away from the unit, especially during operation and maintenance.
- **Cleaning:** Disconnect power before cleaning. Use a soft, dry cloth for cleaning. Do not use water directly on electrical parts.

## 3. Product Overview

The Akai AKSI-223LQA is a 2 Ton 3 Star Inverter Split AC designed for efficient cooling. It features a variable-speed inverter compressor for energy efficiency and low noise operation. The unit incorporates 100% copper coils for

enhanced durability and heat transfer.

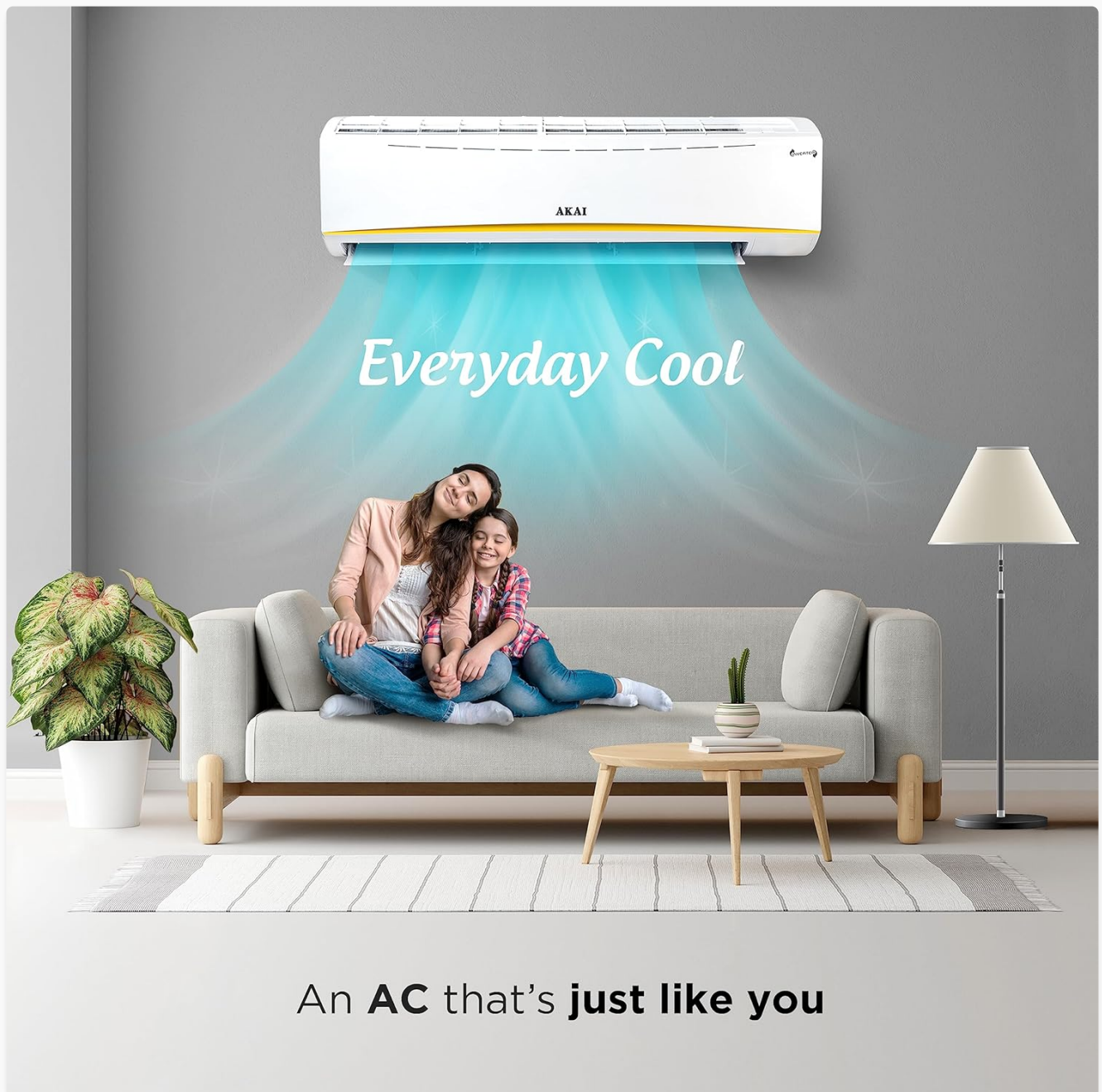


Figure 3.1: Akai 2 Ton 3 Star Inverter Split AC Indoor Unit

### Key Features:


- **Inverter Compressor:** Adjusts power according to temperature, ensuring energy efficiency and quiet operation.
- **100% Copper Coils:** Enhanced durability and efficient heat exchange.
- **R-32 Refrigerant:** Environmentally friendly gas with zero ozone depletion potential.
- **Blue Hydrophilic Fins:** Improves cooling performance and corrosion resistance.
- **2-Way Swing:** Disperses air efficiently throughout the room for uniform cooling.
- **Self-Diagnosis:** Automatically detects and displays operational issues.
- **High Density Filters:** Improves air quality by filtering dust and particles.
- **LCD Remote Control:** For convenient operation and setting adjustments.


# Cooling like **magic**



## Dry | Auto | Sleep Modes



 **Dry Mode:** In humid days, the dry mode can be used to remove the extra humidity from the air.

 **Sleep Mode:** regulates the temperature so as to keep you comfortable through the different stages of your sleep.


 **Auto mode:** it will automatically set the temperature and fan speed depending on the room temperature detected by the room temperature sensor.



Figure 3.2: Key Features: 100% Copper, R32 Green Gas, and LED Remote Control



With a transformer made of 100% pure copper winding, the monitor voltage stabilizer improves the power factor, generates less heat, and reduces power loss. This way, it ensures that your air conditioner operates efficiently at all times.



**Green Gas R32:** The use of Green Gas R32 (with zero ozone depletion Potential and Low Global Warming Potential) helps in building Greener planet and is a great step towards conscious choice.



**LED Remote Control:** Press this button to initiate FOLLOW ME function. When the Follow Me function is activated, the remote display is actual temperature at its location. The remote control will send this signal to the air conditioner every 3 minutes interval until press the Follow Me button again.

Figure 3.3: Akai AC's Great Ambient Cooling Capability up to 48°C

## 4. Setup and Installation

Installation of this air conditioner requires specialized skills and tools. It is strongly recommended that you contact an authorized Akai service center or a qualified technician for installation to ensure proper functioning and safety.

### General Installation Guidelines (for reference only):

- **Indoor Unit Placement:** Choose a location that allows for even air distribution, away from direct sunlight or heat sources. Ensure sufficient space for maintenance.
- **Outdoor Unit Placement:** Install in a well-ventilated area, away from obstacles that might block airflow. Ensure it is on a stable, level surface.
- **Refrigerant Piping:** Connect the indoor and outdoor units with appropriate copper piping, ensuring no leaks.
- **Drainage:** Ensure proper drainage for condensed water from the indoor unit.
- **Electrical Connection:** Connect the unit to a dedicated power circuit with appropriate voltage and current ratings.

## 5. Operating Instructions

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Your Akai AC is operated primarily using the provided LCD remote control. Ensure the remote has fresh batteries and is pointed towards the indoor unit when sending commands.

### Remote Control Functions:

- **Power Button:** Turns the unit ON or OFF.
- **Mode Button:** Cycles through operating modes: Auto, Cool, Dry, Sleep.
- **Temperature Buttons (▲/▼):** Adjusts the desired temperature.
- **Fan Speed Button:** Selects fan speed (Low, Medium, High, Auto).
- **Swing Button:** Activates or deactivates the 2-way swing function for air distribution.
- **Turbo Mode:** Initiates rapid cooling by operating at maximum fan speed.
- **Sleep Mode:** Automatically adjusts temperature and fan speed for comfortable sleep.
- **Dry Mode:** Reduces humidity in the room without significant cooling.
- **Timer ON/OFF:** Sets a timer for the unit to turn ON or OFF automatically.

To make your home feel like **Cool bliss**



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**Ways Swing**



The two-way swing disperses air more efficiently in the room. It certainly improves the perception of cooling as air passes by you every few seconds.

Figure 5.1: Turbo Cooling Function for rapid temperature adjustment



## Great Ambient Cooling

### **Akai Air-Conditioners**

deliver extreme ambient temperature controlling capabilities. With its superior and adjustable cooling capacity, Akai ACs make a perfect companion for everyone at summers. This leads to steady cooling and efficient energy-saving.

*So your hot days stay everyday cool!*

Figure 5.2: 2-Way Swing for improved air distribution



**Your Abode. Our Magic.**  
With Powerful and Gentle Cooling



Figure 5.3: Dry, Auto, and Sleep Modes for optimized comfort

## 6. Maintenance

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

### Routine Maintenance:

- **Air Filter Cleaning:** Clean the high-density air filters every two weeks or more frequently if the unit is used often or in dusty environments. Wash with mild detergent and water, then dry completely before reinserting.
- **Indoor Unit Surface:** Wipe the indoor unit with a soft, dry cloth. For stubborn dirt, use a damp cloth with mild soap, then wipe dry.
- **Outdoor Unit:** Keep the area around the outdoor unit clear of debris, leaves, and other obstructions. Periodically clean the outdoor coil fins with a soft brush, taking care not to bend them.

### Seasonal Maintenance:

- Before the cooling season, check for any unusual noises or smells.
- Ensure the drainage hose is clear and free of blockages.
- Consider scheduling a professional service check-up annually.

## 7. Troubleshooting

Before contacting customer service, please refer to the following common issues and their solutions:

Problem	Possible Cause	Solution
Unit does not start	No power supply; Remote control batteries dead; Timer function active.	Check power connection and circuit breaker; Replace remote batteries; Cancel timer setting.
Insufficient cooling	Dirty air filters; Blocked outdoor unit; Room too large; Doors/windows open; Temperature setting too high.	Clean air filters; Clear obstructions from outdoor unit; Close doors/windows; Lower temperature setting.
Unusual noise	Loose parts; Obstruction in fan; Unit not level.	Check for loose screws; Remove obstructions; Ensure unit is level. If noise persists, contact service.
Water leakage from indoor unit	Blocked drain hose; Unit not level.	Clear drain hose; Ensure unit is level.
Remote control not working	Batteries dead or incorrectly inserted; Obstruction between remote and unit.	Replace batteries, ensuring correct polarity; Remove obstructions.

If the problem persists after attempting these solutions, or if the unit displays an error code, please contact Akai customer support.

## 8. Specifications

Feature	Specification
Brand	AKAI
Model Number	AKSI-223LQA
Capacity	2 Tons
Cooling Power	6250 Watts
Energy Rating	3 Star (BEE guidelines)
ISEER Value	3.50

Feature	Specification
Noise Level (Indoor)	43 Decibels
Refrigerant	R-32
Compressor Type	Inverter
Core Material	100% Copper
Voltage	230 Volts (AC)
Wattage	1945 Watts
Product Dimensions (D x W x H)	39.5D x 92.5W x 60.5H Centimeters
Annual Energy Consumption	1211.02 Watts
Included Components	Switch (and standard AC accessories like remote, pipes, etc.)

## 9. Warranty Information

Your Akai AKSI-223LQA Inverter Split AC comes with the following warranty:

- **Product:** 1 Year
- **PCB (Printed Circuit Board):** 1 Year
- **Compressor:** 9 Years

Please retain your purchase receipt as proof of purchase for warranty claims. The warranty covers manufacturing defects under normal use conditions. For detailed terms and conditions, please refer to the warranty card provided with your product or contact Akai customer support.

## 10. Customer Support

For any queries, technical assistance, or service requests regarding your Akai 2 Ton 3 Star Inverter Split AC, please contact Akai customer support:

- **Website:** Visit the official Akai India website for support resources and contact details.
- **Service Center:** Locate your nearest authorized Akai service center for professional assistance.

When contacting support, please have your product model number (AKSI-223LQA) and purchase details ready.