

## Kelvinator KAS-V193PLSC5W

# Kelvinator 1.5 Ton 3 Star Inverter Split AC (KAS-V193PLSC5W) User Manual

## 1. INTRODUCTION

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Thank you for choosing the Kelvinator 1.5 Ton 3 Star Inverter Split AC, model KAS-V193PLSC5W. This air conditioner is designed to provide efficient and intelligent cooling for your home or office. This manual provides essential information for the safe installation, operation, maintenance, and troubleshooting of your new appliance. Please read it thoroughly before using the air conditioner and retain it for future reference.

## 2. SAFETY INFORMATION

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

- **Professional Installation:** Installation, maintenance, and repair must be performed by qualified service personnel. Improper installation can lead to electric shock, fire, or water leakage.
- **Power Supply:** Ensure the power supply voltage matches the rating label on the unit. Do not use damaged power cords or plugs.
- **Grounding:** The unit must be properly grounded to prevent electric shock.
- **Clearances:** Maintain adequate clearances around the indoor and outdoor units for proper airflow and service access.
- **Cleaning:** Disconnect power before cleaning or performing any maintenance. Use a soft, dry cloth for cleaning. Do not use water or liquid detergents directly on the unit.
- **Refrigerant:** This unit contains R32 refrigerant. Do not attempt to tamper with the refrigerant circuit.

## 3. PRODUCT OVERVIEW

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The Kelvinator KAS-V193PLSC5W is a split-system air conditioner consisting of an indoor unit and an outdoor unit.

It features inverter technology for energy efficiency and consistent cooling.

## Indoor Unit

The indoor unit is responsible for circulating cooled air within your room. It houses the evaporator coil, fan, and control electronics.



Figure 3.1: Front view of the Kelvinator indoor unit. This image shows the sleek white design of the indoor unit, with the Kelvinator logo and 'INVERTER' branding visible on the right side.



Figure 3.2: Angled view of the Kelvinator indoor unit, highlighting the bottom air vents. This perspective illustrates the design of the louvers through which conditioned air is discharged.

## Outdoor Unit

The outdoor unit contains the compressor, condenser coil, and fan. It dissipates heat from the room to the outside environment.



Figure 3.3: Angled view of the Kelvinator outdoor unit. The image displays the side and front grille, with the Kelvinator logo and 'INVERTER R32' clearly visible, indicating the refrigerant type.



Figure 3.4: Front view of the Kelvinator outdoor unit. This image shows the full front grille protecting the fan, with the Kelvinator branding and 'INVERTER R32' label prominently displayed.

## Key Features

- **Wi-Fi Smart Control & Voice Assistant Support:** Control your AC remotely via Wi-Fi and integrate with Alexa and Google Home for voice commands.
- **Geo-Fencing:** Automatically adjusts AC operation based on your location.
- **4-Way Auto Swing:** Ensures uniform air distribution throughout the room.
- **Turbo Mode:** Provides rapid cooling for quick comfort.
- **100% Copper IGT Tubes:** Enhances heat transfer efficiency and durability.
- **Blue Fin Coating:** Protects coils from corrosion and extends lifespan.
- **High-Density Filter:** Improves air quality by filtering dust and allergens.
- **Anti-Fungus Function:** Prevents mold and mildew growth inside the indoor unit.
- **Self Diagnosis:** Identifies and displays error codes for easier troubleshooting.
- **Auto Restart:** Automatically resumes previous settings after a power cut.

## 4. SETUP

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Proper setup is crucial for the optimal performance and longevity of your air conditioner. It is strongly recommended that installation be performed by a certified and experienced technician.

### Pre-Installation Checks

- **Location Selection:** Choose a location for the indoor unit that allows for even air distribution and easy drainage. The outdoor unit should be placed in a well-ventilated area, away from direct sunlight or obstructions.
- **Power Requirements:** Ensure the electrical circuit can handle the AC's power consumption (220 Volts, 1665 KW). A dedicated circuit is often recommended.
- **Dimensions:** Consider the product dimensions (Indoor Unit: 95D x 22W x 31H Centimeters) for appropriate placement.

### 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 piping between the indoor and outdoor units.
4. Perform vacuuming and refrigerant charging (if necessary).
5. Connect the electrical wiring, ensuring proper grounding.
6. Check for leaks and perform a test run.

The package includes the 1.5 Ton 3 Star Inverter AC unit. All other installation materials and tools are typically provided by the installer.

## 5. OPERATING INSTRUCTIONS

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Your Kelvinator AC can be operated using the provided remote control, a smartphone app, or voice commands.

### Using the Remote Control

The remote control is the primary interface for daily operation. Ensure batteries are correctly inserted.

- **Power On/Off:** Press the **POWER** button to turn the unit on or off.
- **Mode Selection:** Press the **MODE** button to cycle through operating modes: Cool, Dry, Fan, Auto.
- **Temperature Adjustment:** Use the **TEMP UP/DOWN** buttons to set your desired temperature.
- **Fan Speed:** Adjust fan speed using the **FAN** button.
- **Swing Function:** Activate the **SWING** button for automatic 4-way airflow direction.
- **Turbo Mode:** Press the **TURBO** button for rapid cooling. The unit will operate at maximum fan speed and cooling capacity for a set period.
- **Sleep Mode:** Activates a quiet, energy-saving mode suitable for sleeping.

### Smart Features (Wi-Fi & Voice Control)

This AC supports Wi-Fi connectivity for remote control via a dedicated smartphone application and integrates with voice assistants like Alexa and Google Home.

- **Wi-Fi Setup:** Refer to the separate Wi-Fi setup guide or the smartphone app instructions to connect your AC

to your home network.

- **App Control:** Once connected, use the app to power on/off, change modes, adjust temperature, set schedules, and monitor energy consumption from anywhere.
- **Voice Control:** Link your Kelvinator AC to your Alexa or Google Home account. You can then use voice commands such as "Alexa, turn on the AC" or "Hey Google, set AC to 24 degrees."
- **Geo-Fencing:** Configure Geo-Fencing through the smartphone app. This feature allows the AC to automatically turn on or off based on your proximity to your home, ensuring comfort upon arrival or saving energy when you leave.

## 6. MAINTENANCE

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

### Air Filter Cleaning

The High-Density Filter should be cleaned regularly, typically every two weeks, or when the Filter Clean Reminder activates.

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

### Anti-Fungus Function

This function helps prevent mold and mildew growth. It can be activated via the remote control or app. When activated, the indoor unit fan will continue to run for a short period after the unit is turned off to dry the evaporator coil.

### General Cleaning

- **Indoor Unit:** Wipe the exterior of the indoor unit with a soft, dry cloth. For stubborn stains, use a mild detergent solution on the cloth, then wipe with a clean, damp cloth and dry thoroughly.
- **Outdoor Unit:** Ensure the outdoor unit's coils and fan blades are free from dust, leaves, and other debris. This should be done periodically by a qualified technician.

## 7. TROUBLESHOOTING

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Before contacting customer support, please refer to the following common issues and solutions. Your AC is equipped with a Self Diagnosis feature that can display error codes on the indoor unit's display.

Problem	Possible Cause	Solution
AC does not turn on	No power, remote control batteries dead, circuit breaker tripped.	Check power supply, replace remote batteries, reset circuit breaker.

Problem	Possible Cause	Solution
Insufficient cooling	Dirty air filter, blocked outdoor unit, wrong mode selected, room too large.	Clean air filter, clear obstructions from outdoor unit, select Cool mode, ensure room size is appropriate for 1.5 Ton capacity.
Unusual noise	Loose parts, fan obstruction, unit not level.	Check for loose parts, clear obstructions, ensure unit is level. If noise persists, contact service.
Water leakage from indoor unit	Blocked drain pipe, improper installation.	Check and clear drain pipe. If issue persists, contact service for inspection of installation.
Remote control not working	Dead batteries, obstruction between remote and AC.	Replace batteries, ensure clear line of sight to indoor unit.

If the Self Diagnosis feature displays an error code not listed here, or if the problem persists after attempting the solutions, please contact Kelvinator customer support.

## Auto Restart Protection

In case of a power outage, the unit will automatically restart with its previous settings once power is restored, thanks to the Memory Function.

## 8. SPECIFICATIONS

Detailed technical specifications for the Kelvinator KAS-V193PLSC5W model.

Feature	Specification
Brand	Kelvinator
Model Name/Number	KAS-V193PLSC5W
Capacity	1.5 Tons
BEE Star Rating	3 Star
Seasonal Energy Efficiency Ratio (SEER)	3
Annual Energy Consumption	750 Kilowatts
Power Source	Electric
Voltage	220 Volts
Wattage	1665 KW
Noise Level	32 Decibels

Feature	Specification
Product Dimensions (Indoor Unit D x W x H)	95D x 22W x 31H Centimeters
Installation Type	Split System
Compressor Type	Rotary Scroll
Refrigerant	R32
Control Method	App, Remote, Voice
Special Features	Advanced Air Purification, Copper Coils, Inverter Tech, Wi-Fi Control, 4-Way Swing, Turbo Cool, Blue Fin Coating, Anti-Fungus, Self Diagnosis, Auto Restart

## 9. WARRANTY INFORMATION

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Your Kelvinator 1.5 Ton 3 Star Inverter Split AC (KAS-V193PLSC5W) comes with a comprehensive warranty to ensure peace of mind.

- **Compressor Warranty:** 10 Years Warranty on Inverter Compressor.
- **PCB Warranty:** 5 Years Warranty on PCB (Printed Circuit Board).
- **General Warranty:** Please refer to your purchase documentation for the standard warranty period on other parts and labor.

Warranty claims require proof of purchase and adherence to proper installation and maintenance guidelines. Unauthorized repairs or modifications may void the warranty.

## 10. CUSTOMER SUPPORT

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For any queries, technical assistance, or service requests, please contact Kelvinator customer support.

- **Manufacturer:** Kelvinator
- **Contact Information:** Refer to the contact details provided in your product packaging or visit the official Kelvinator website for the most up-to-date support information.
- When contacting support, please have your model number (KAS-V193PLSC5W) and purchase details readily available.