## Nikai NSAC12136HC24NINV

# Nikai NSAC12136HC24NINV Split Air Conditioner User Manual

Model: NSAC12136HC24NINV / NSAC12136HC25NINV

## 1. Introduction

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Nikai Split Air Conditioner. Please read this manual thoroughly before using the appliance and retain it for future reference. Proper use and care will ensure optimal performance and extend the lifespan of your unit.

## 2. Safety Information

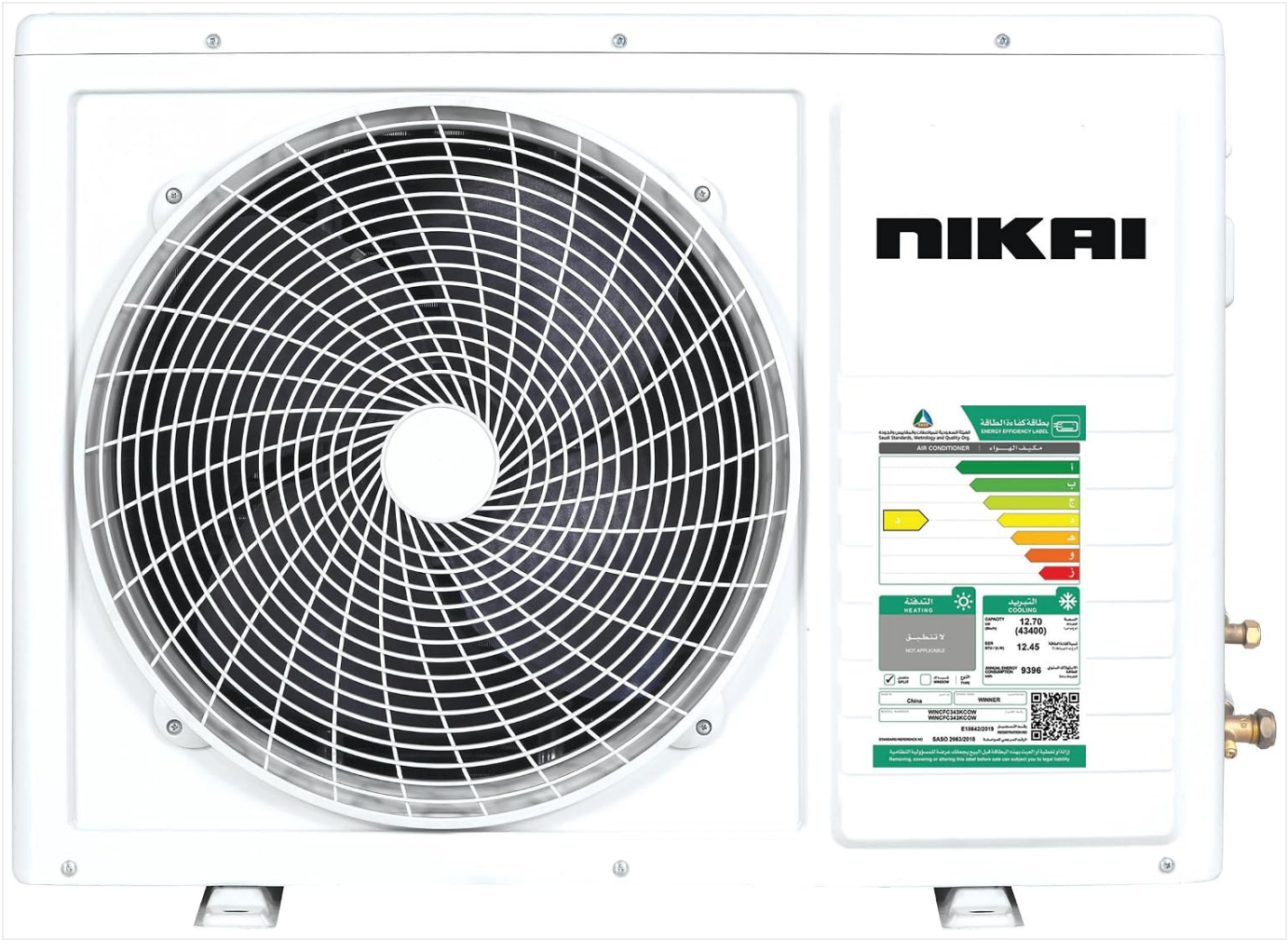
Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, or injury. This appliance is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

- **Professional Installation:** Installation and maintenance must be performed by qualified service personnel. Incorrect installation can lead to water leakage, electric shock, or fire.
- **Power Supply:** Ensure the power supply matches the rating plate specifications. Do not use extension cords or multi-outlet adapters.
- **Grounding:** The unit must be properly grounded to prevent electric shock.
- **No Obstructions:** Do not block the air inlet or outlet of the indoor or outdoor unit.
- **Cleaning:** Disconnect power before cleaning. Use a soft, dry cloth. Do not use water or chemical cleaners directly on the unit.
- **Refrigerant:** This unit uses R-600A refrigerant. Only qualified personnel should handle refrigerant.
- **Children Safety:** Keep children away from the unit and remote control.

## 3. Product Overview

The Nikai Split Air Conditioner is designed to provide efficient cooling and heating for residential and commercial spaces. It features a high-efficiency T3 tropical compressor, auto-restart function, and 3D swing air delivery technology for optimal comfort.

### Outdoor Unit




This image shows the outdoor unit of the Nikai Split Air Conditioner. It features a large fan grille on the front, the Nikai logo, and an energy efficiency label on the right side. Copper pipe connections are visible on the right side of the unit.

## Remote Control




This image displays the remote control for the Nikai Split Air Conditioner. It has a digital display at the top showing temperature and mode. Below the display are various buttons for functions such as ON/OFF, Mode, Fan, Swing, Sleep, Super Cool, Smart, IFeel, Dimmer, Timer On, Timer Off, and Clock.

## 4. Setup and Installation

The installation of a split air conditioner requires specialized tools and knowledge. It is strongly recommended that you arrange for professional installation by a certified technician to ensure proper functioning and safety.

### Key Installation Considerations:

- **Location:** Choose a location for both indoor and outdoor units that allows for optimal airflow, minimal noise, and easy access for maintenance.
- **Mounting:** Ensure both units are securely mounted on a stable surface, away from direct sunlight or heat sources.
- **Drainage:** Proper drainage for condensate water is crucial to prevent leaks and water damage.
- **Electrical Connection:** Connect the unit to a dedicated power circuit with appropriate voltage (220V) and circuit breaker protection.
- **Refrigerant Piping:** The copper pipes must be correctly sized and insulated, and the system properly evacuated to remove air and moisture.

## 5. Operating Instructions

Your Nikai Split Air Conditioner is operated primarily via the wireless remote control. Ensure the remote control has fresh batteries and is pointed towards the indoor unit when sending commands.

### Basic Operation:

1. **Power On/Off:** Press the **ON/OFF** button to turn the unit on or off.
2. **Mode Selection:** Press the **MODE** button to cycle through available modes: Cool, Heat, Fan, Dry.
3. **Temperature Adjustment:** Use the **Up (▲)** and **Down (▼)** arrows to set your desired temperature.
4. **Fan Speed:** Press the **FAN** button to adjust the fan speed (Auto, Low, Medium, High).
5. **Swing Function:** Press the **SWING** button to activate or deactivate the automatic louver swing for even air distribution. This unit supports 4-way air swing.

### Advanced Features:

- **Super Cool:** Activates maximum cooling capacity for rapid temperature reduction.
- **Sleep Mode:** Adjusts temperature and fan speed for comfortable sleep, often increasing temperature slightly over time in cooling mode or decreasing in heating mode.
- **Smart Mode:** Automatically selects the optimal operating mode based on the ambient room temperature.
- **IFeel Function:** The remote control measures the temperature at its location and transmits it to the indoor unit, allowing the unit to adjust the temperature for optimal comfort around the remote.
- **Timer On/Off:** Set a specific time for the unit to turn on or off automatically.
- **Auto-Restart:** In case of a power outage, the unit will automatically restart with the previous settings once power is restored.

## 6. Maintenance

Regular maintenance ensures the efficiency and longevity of your air conditioner. Always disconnect power to the unit before performing any maintenance.

### Indoor Unit Maintenance:

- **Air Filter Cleaning:** The air filters should be cleaned every two weeks or more frequently depending on usage. Open the front panel, remove the filters, wash them with lukewarm water and mild detergent, rinse thoroughly, and let them dry completely before reinstalling.
- **Unit Surface Cleaning:** Wipe the indoor unit with a soft, dry cloth. For stubborn dirt, use a damp cloth with a neutral detergent, then wipe dry. Do not use harsh chemicals or abrasive cleaners.

### Outdoor Unit Maintenance:

- **Coil Cleaning:** The outdoor unit's coils should be cleaned periodically to remove dust, leaves, and debris that can obstruct airflow. This should ideally be done by a professional.
- **Clear Obstructions:** Ensure there are no plants, fences, or other objects blocking the airflow around the outdoor unit.
- **Golden Fins:** The unit features golden fins (anti-corrosion) on both the evaporator and condenser, which helps in resisting rust and improving durability.

## 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 function active | Check power supply/breaker; Replace remote batteries; Cancel timer setting |
| Insufficient cooling/heating | Dirty air filters; Blocked outdoor unit; Doors/windows open; Incorrect mode/temperature setting | Clean air filters; Clear obstructions; Close doors/windows; Adjust settings |
| Water leakage from indoor unit | Clogged drain pipe; Improper installation | Clean drain pipe; Contact professional for inspection |
| Unusual noise | Loose parts; Obstruction in fan; Unit not level | Check for loose parts; Remove obstruction; Ensure unit is level; If persistent, contact service |
| Remote control not working | Batteries low/dead; Obstruction between remote and unit | Replace batteries; Remove obstruction; Ensure remote is pointed at indoor unit |

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

## 8. Specifications

| | |
|---|---|
| **Brand** | Nikai |
| **Model Number** | NSAC12136HC24NINV / NSAC12136HC25NINV |
| **Capacity** | 1 Ton |
| **Cooling Power** | 12100 BTU |
| **Special Features** | 4-way air swing, Anti-bacterial filter, Dehumidifier, Heating and Cooling function |
| **Product Dimensions (DxWxH)** | 29.4D x 91W x 20.6H cm |
| **Weight** | 50 kg |
| **Color** | Multi-color |
| **Voltage** | 220 Volts |
| **Noise Level** | 20 dB |
| **Refrigerant** | R-600A |
| **Filter Type** | Anti-microbial air filter |

| | |
|---|---|
| **Inverter Type** | Inverter present |
| **Installation Type** | Split System |
| **Compressor Type** | Rotary Screw (T3 Tropical High Efficiency) |
| **Outdoor Unit Required** | Yes |
| **AC Use** | Residential and Commercial |
| **Power Source** | Corded Electric |
| **Electrical Power** | 50 Watts |
| **Efficiency** | High |
| **Annual Energy Consumption** | 1000 kWh per year |
| **Form Factor** | Mini-Split |
| **Included Components** | Split Air Conditioner, Copper Pipe, Remote Control |
| **Control Method** | Remote |
| **BEE Star Rating** | 4 Stars |

## 9. Warranty and Support

Your Nikai Split Air Conditioner comes with a manufacturer's warranty to cover defects in materials and workmanship.

### Warranty Information:

- **Warranty Period:** Two (2) years from the date of purchase.
- **Coverage:** This warranty covers manufacturing defects under normal use and service. It does not cover damage resulting from improper installation, misuse, abuse, unauthorized repairs, or acts of nature.
- **Claim Process:** To make a warranty claim, please retain your proof of purchase and contact Nikai customer service or an authorized service center.

### Customer Support:

For technical assistance, troubleshooting not covered in this manual, or to schedule service, please contact Nikai customer support. Contact details can typically be found on the manufacturer's website or on your product packaging.
Please have your model number (NSAC12136HC24NINV or NSAC12136HC25NINV) and purchase date 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**