Nikai NSAC18136C26NINV

Nikai Split Air Conditioner User Manual

Model: NSAC18136C26NINV | Brand: Nikai

1. Introduction

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Nikai Split Air Conditioner, Model NSAC18136C26NINV. Please read these instructions thoroughly before using the appliance and retain them for future reference. This unit is designed to provide powerful 1.5-ton cooling for residential and commercial spaces, featuring R410A refrigerant, Golden Fin protection, and 4-way air distribution.

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.

- Ensure the power supply matches the voltage specified on the unit's rating label.
- Do not operate the air conditioner with wet hands.
- Do not insert fingers or objects into the air inlet/outlet.
- Turn off the power supply before cleaning or performing any maintenance.
- Keep the remote control out of reach of children.
- Do not attempt to repair the unit yourself. Contact qualified service personnel for repairs.
- Ensure proper grounding to prevent electric shock.

3. Product Components

Your Nikai Split Air Conditioner system consists of the following main components:

- **Indoor Unit:** Mounted inside the room, it discharges cool air.
- **Outdoor Unit:** Installed outside, it dissipates heat.
- **Remote Control:** For convenient operation of the unit.
- **Copper Pipe Set:** Connects the indoor and outdoor units for refrigerant circulation (4 meters included).



Figure 3.1: Front view of the Nikai indoor air conditioner unit. This image shows the sleek design of the indoor unit, which is typically mounted on a wall.



Figure 3.2: Side view of both the indoor and outdoor units of the Nikai split air conditioner. This illustrates the two main components of the system.



Figure 3.3: The remote control for the Nikai air conditioner, showing various function buttons for operation.

4. Setup and Installation

Installation of this split air conditioner requires specialized tools and knowledge. It is highly recommended that installation be performed by a qualified and certified technician to ensure proper functioning, safety, and warranty validity. The unit comes with a 4-meter copper pipe set for connection between the indoor and outdoor units.

4.1 Pre-Installation Checks

- Verify that the installation site can support the weight of both units.

- Ensure adequate space for air circulation around both units.
- Confirm that the electrical wiring meets local codes and the unit's requirements.

4.2 Installation Steps (Overview for Technician)

1. Mount the indoor unit securely on a wall, ensuring it is level.
2. Select an appropriate location for the outdoor unit, away from direct sunlight or obstructions.
3. Connect the copper refrigerant pipes and electrical wiring between the indoor and outdoor units.
4. Perform vacuuming and refrigerant charging (if necessary).
5. Check for leaks and test the system operation.



Figure 4.1: The indoor unit installed on a wall, demonstrating the effective air distribution within a room.

5. Operating Instructions

Your Nikai air conditioner is designed for user-friendly operation via the included remote control. Familiarize yourself with the

remote's functions for optimal comfort.

5.1 Remote Control Functions

The remote control allows you to adjust various settings:

- **Power Button:** Turns the unit ON/OFF.
- **MODE Button:** Cycles through operating modes (Cool, Fan, Dry). This model is 'Cool Only'.
- **FAN Button:** Adjusts fan speed (Low, Medium, High, Auto).
- **SLEEP Button:** Activates Sleep Mode for quiet, energy-efficient operation during sleep.
- **SWING Buttons:** Controls the horizontal and vertical louver movement for 4-way air distribution.
- **ECO Button:** Engages energy-saving mode.
- **TIMER Button:** Sets a timer for automatic ON/OFF.
- **DISPLAY Button:** Toggles the display on the indoor unit.
- **TURBO Button:** Provides maximum cooling power for rapid temperature reduction.
- **I FEEL Button:** Activates a sensor in the remote to measure ambient temperature for more precise control.
- **HEALTH Button:** Activates specific air purification or health-related functions (if available).



Figure 5.1: The indoor unit operating in a bedroom, demonstrating the quiet and comfortable environment provided by the Sleep Mode.

5.2 Special Features

- **4-Way Air Distribution:** The motorized louvers automatically swing horizontally and vertically to distribute cool air evenly throughout the room, eliminating hot spots.
- **Built-in Dehumidifier:** This feature helps reduce excess moisture in the air, enhancing indoor comfort and creating a healthier living environment.
- **Golden Fin Protection:** The condenser and evaporator coils are coated with a Golden Fin anti-corrosion layer, extending the lifespan of the unit and improving cooling efficiency, especially in humid or salty environments.

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

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

1. Open the front panel of the indoor unit.
2. Remove the air filters.
3. Wash the filters with lukewarm water and a mild detergent. Rinse thoroughly.
4. Allow filters to dry completely in a shaded area before reinstalling.

6.2 Outdoor Unit Cleaning

Periodically clean the outdoor unit's coils and fan blades to remove dust, leaves, and debris. This should be done by a qualified technician for safety and effectiveness.

6.3 General Care

- Wipe the indoor unit's surface with a soft, dry cloth. For stubborn stains, use a damp cloth with mild detergent, then wipe dry.
- Do not use harsh chemicals, abrasive cleaners, or solvents.

7. Troubleshooting

Before contacting service, check the following common issues:

Problem	Possible Cause	Solution
Unit does not start	No power; Remote control batteries low; Timer set to OFF.	Check power supply; Replace batteries; Cancel timer setting.
Insufficient cooling	Dirty air filter; Blocked air inlet/outlet; Room too large; Doors/windows open.	Clean air filter; Remove obstructions; Ensure proper room size; Close doors/windows.
Unusual noise	Loose parts; Unit not level; Fan obstruction.	Contact service technician; Ensure unit is level; Check for obstructions.
Water leakage from indoor unit	Blocked drain hose; Improper installation.	Clear drain hose; Contact service technician for inspection.

If the problem persists after attempting these solutions, or if you encounter any other issues, please contact a qualified service technician.

8. Specifications

The following table outlines the key specifications for the Nikai Split Air Conditioner Model NSAC18136C26NINV:

Feature	Specification
Model Number	NSAC18136C26NINV
Brand	Nikai
Type	Split Air Conditioner
Cooling Capacity	1.5 Tons (18000 BTU)
Refrigerant	R410A

Feature	Specification
Special Features	Fast Cooling, Golden Fin, 4-Way Air Distribution, Built-in Dehumidifier, Sleep Mode
Indoor Unit Dimensions (approx.)	315 x 1010 x 220 mm (Depth x Width x Height)
Item Weight (Total)	38 kg
Power Source	Corded Electric
Voltage	60 Volts (Please verify with local electrical standards)
Noise Level	57 dB
SEER (Seasonal Energy Efficiency Ratio)	1.5 (Please refer to local energy efficiency standards)
Annual Energy Consumption	1650 kWh
Compressor Type	Rotary Scroll
Inverter Type	Non-Inverter
Included Components	Remote Control
Country of Origin	China
BEE Energy Efficiency Rating	5 Stars

9. Warranty Information

The Nikai Split Air Conditioner Model NSAC18136C26NINV comes with a manufacturer's limited warranty. The manufacturer provides a warranty for two years from the date of purchase. This warranty typically covers defects in materials and workmanship under normal use and service. Specific terms and conditions, including what is covered and what voids the warranty, are detailed in the warranty card provided with your product. Please retain your purchase receipt as proof of purchase for warranty claims.

10. Support

For technical assistance, service requests, or inquiries regarding your Nikai Split Air Conditioner, please refer to the contact information provided in your product packaging or on the official Nikai website. When contacting support, please have your model number (NSAC18136C26NINV) and purchase date readily available.

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