Nikai NWAC18056C25

Nikai NWAC18056C25 Window Air Conditioner User Manual

Model: NWAC18056C25 / NWAC18056C26

1. Introduction

Thank you for choosing the Nikai Window Air Conditioner. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your air conditioning unit. Please read this manual thoroughly before using the appliance and retain it for future reference.

2. Important Safety Instructions

To reduce the risk of fire, electric shock, or injury, always follow basic precautions, including the following:

- Read all instructions before using this appliance.
- This appliance must be properly installed in accordance with all local codes and ordinances.
- Never operate the unit with a damaged power cord or plug.
- Do not block air openings.
- Do not use this air conditioner near water or in excessively damp environments.
- Always disconnect the power supply before cleaning or servicing.
- Ensure the unit is connected to a properly grounded outlet.
- Keep children away from the unit during operation.
- The unit features high voltage protection to ensure safety during operation.

3. Product Overview

The Nikai Window Air Conditioner is designed for efficient cooling in residential spaces such as small bedrooms and offices. It features an efficient evaporator for air purification and an internal copper pipe for improved heat exchange.

3.1 Unit Components

Familiarize yourself with the main parts of your air conditioner:

- Front Grille
- Air Filter (behind front grille)
- Control Panel (with control knobs)
- Air Outlet Louvers
- Power Cord
- Rear Coils

3.2 Product Images



Figure 1: Front view of the Nikai Window Air Conditioner, showing the main air intake grille and the Nikai brand logo.



Figure 2: Close-up of the control panel and air outlet louvers on the front of the unit. The control panel includes knobs for temperature and operating mode.

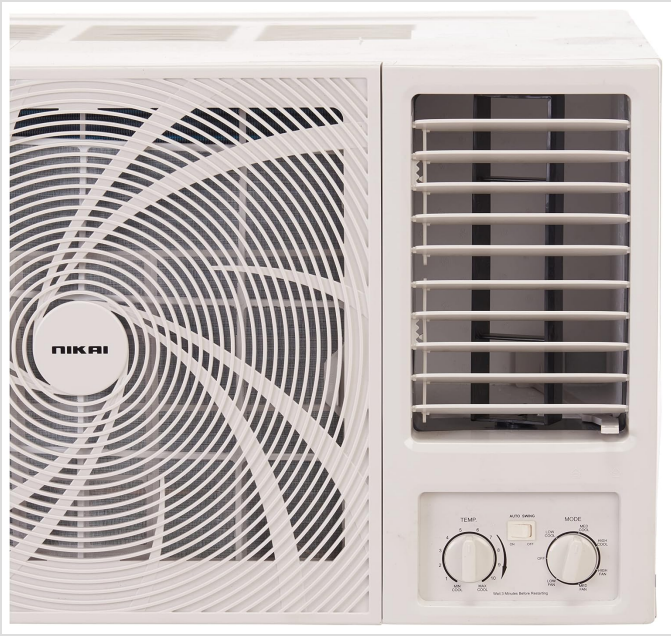


Figure 3: Rear view of the air conditioner, illustrating the condenser coils and the fan assembly.

4. Installation Instructions

Proper installation is crucial for the performance and safety of your air conditioner. This unit is designed for window installation.

4.1 Site Requirements

- Ensure the window opening meets the following dimensions: Minimum width 55 cm, Maximum width 61 cm, Minimum height 60 cm.
- The window must be strong enough to support the unit's weight (approximately 54 kg).
- Ensure there is a grounded 220V electrical outlet within reach of the power cord.
- Avoid locations exposed to direct sunlight or heat sources, which can reduce efficiency.

4.2 Installation Steps

1. **Prepare the Window:** Open the window and clear any obstructions.
2. **Install Mounting Brackets (if applicable):** Follow the instructions provided with any separate mounting hardware.
3. **Place the Unit:** Carefully lift the air conditioner and place it into the window opening. Ensure the unit is slightly tilted outwards to allow for proper condensation drainage.
4. **Secure the Unit:** Extend the side panels to fill the window gap and secure them with screws as indicated in the detailed installation guide (not provided here, refer to included user manual).
5. **Seal Gaps:** Use foam strips or sealant to seal any gaps around the unit to prevent air leakage and improve efficiency.
6. **Connect Power:** Plug the power cord into a grounded 220V outlet.

Warning: Improper installation can lead to electric shock, fire, or water leakage. If you are unsure about the installation process, consult a qualified technician.

5. Operating Instructions

Your Nikai Window Air Conditioner is designed for simple operation. The control panel features two main knobs: one for temperature and one for operating mode.

5.1 Control Panel Overview

- **Temperature Knob (TEMP):** Adjusts the desired cooling temperature. Turn clockwise for cooler settings (MAX COOL) and counter-clockwise for warmer settings (OFF).
- **Mode Knob (MODE):** Selects the operating mode and fan speed.
    - **OFF:** Turns the unit off.
    - **LOW FAN:** Operates the fan at low speed without cooling.
    - **HIGH FAN:** Operates the fan at high speed without cooling.
    - **LOW COOL:** Provides cooling at a low fan speed.
    - **HIGH COOL:** Provides cooling at a high fan speed (Fast Cooling feature).

5.2 Basic Operation

1. **Turn On:** Rotate the Mode knob from OFF to your desired setting (e.g., LOW COOL or HIGH COOL).
2. **Set Temperature:** Adjust the Temperature knob to your preferred cooling level. For maximum cooling, turn it to MAX COOL.
3. **Adjust Airflow:** Manually adjust the horizontal and vertical louvers to direct the airflow as desired.
4. **Sleep Mode:** This unit features a sleep mode function that maintains a comfortable room temperature while you sleep. To activate, refer to the specific instructions in the full user manual (if available via remote control or specific setting). Generally, sleep mode gradually increases the set temperature over several hours.
5. **Turn Off:** Rotate the Mode knob to OFF.

Note: After turning off the unit, wait approximately 3 minutes before restarting to prevent damage to the compressor.

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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

- The air filter should be cleaned every two weeks, or more frequently depending on usage and air quality.
- **To Remove:** Open the front grille and slide out the air filter.
- **To Clean:** Wash the filter with warm, soapy water. Rinse thoroughly and allow it to air dry completely before re-installing. Do not use hot water or harsh detergents.
- **To Re-install:** Slide the dry filter back into its slot and close the front grille.

6.2 Unit Exterior Cleaning

- Wipe the exterior of the unit with a soft, damp cloth.
- Do not use abrasive cleaners, waxes, or polishes.

6.3 Seasonal Storage

- If storing the unit for an extended period, clean the air filter and exterior thoroughly.
- Cover the unit to protect it from dust and store it in a dry place.

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7. Troubleshooting Guide

Before contacting customer service, review this section for common issues and their solutions.

Problem	Possible Cause	Solution
Unit does not start.	No power supply; power cord unplugged; circuit breaker tripped; unit recently turned off (compressor delay).	Check power connection; reset circuit breaker; wait 3 minutes before restarting.
Insufficient cooling.	Dirty air filter; blocked air intake/outlet; room too large; temperature setting too high; windows/doors open.	Clean air filter; clear obstructions; ensure room size is appropriate; lower temperature setting; close windows/doors.
Water dripping inside.	Unit not tilted correctly; drain hole blocked.	Ensure unit is slightly tilted outwards; check and clear drain hole.
Unusual noise.	Loose parts; unit not level; fan hitting an obstruction.	Check for loose parts and tighten; ensure unit is level; inspect fan for obstructions.

If the problem persists after attempting these solutions, please contact Nikai customer support.

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8. Product Specifications

Feature	Detail
Brand	Nikai
Model Name	NWAC18056C25
Model Number	NWAC18056C26
Cooling Capacity	17200 BTU (1.5 Tons)
Special Features	Fast Cooling, Sleep Mode, Efficient Evaporator, Internal Copper Pipe, High Voltage Protection
Product Dimensions (D x W x H)	100 cm x 60 cm x 40 cm
Color	White
Voltage	220 Volts
Power Source	Corded Electric

Feature	Detail
Form Factor	Window
Installation Type	Window
Compressor Type	Rotary Scroll
Outdoor Unit Required	No
Recommended Room Use	Residential (Small Rooms), Bedroom
Main Material	Copper
Annual Energy Consumption	4455 kWh
Control Method	Control Knob
Operating Mode	Cooling Only
Item Weight	54 kg
Min Window Opening Width	55 cm
Max Window Opening Width	61 cm
Min Window Opening Height	60 cm

9. Warranty and Support

This Nikai Window Air Conditioner is covered by a **2-year limited warranty** provided by the manufacturer/brand from the date of purchase.
For warranty claims, technical support, or further inquiries, please contact the manufacturer or your retailer. Refer to the contact information provided with your purchase documentation or visit the official Nikai website for support details.
Included Components: User Manual

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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.

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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