

Nikai NSAC12136HC24

Nikai NSAC12136HC24 Split Air Conditioner User Manual

Model: NSAC12136HC24 | Brand: Nikai

[Instructions](#) [Safety Information](#) [Product Overview](#) [Setup](#) [Operating](#)
[Maintenance](#) [Troubleshooting](#) [Specifications](#) [Warranty & Support](#)

1. SAFETY INFORMATION

Read all instructions carefully before using the appliance. Keep this manual for future reference.

- Ensure the power supply matches the appliance's requirements.
- Do not attempt to repair or modify the unit yourself. Contact qualified service personnel.
- Keep children and pets away from the unit during operation.
- Ensure proper ventilation around the outdoor unit.
- Do not block air inlets or outlets.
- Use only the specified refrigerant (R410A).

2. PRODUCT OVERVIEW

The Nikai NSAC12136HC24 is a split air conditioner designed for both heating and cooling. It features advanced components for efficient performance and user comfort.

Key Features:

- **Hot and Cold Functionality:** Provides year-round comfort.
- **Golden Fins:** Enhanced durability and corrosion resistance.
- **Four-Way Air Swing:** Ensures even air distribution throughout the room.
- **Remote Control:** Convenient operation from a distance.
- **R410A Refrigerant:** Environmentally friendly and efficient.
- **Low Noise Compressor:** Designed for quiet operation.

Components:

The system consists of an indoor unit, an outdoor unit, and a remote control.



Figure 2.1: Nikai NSAC12136HC24 Indoor Unit. This image shows the white indoor unit of the split air conditioner, typically mounted on a wall, with its air outlet and control panel visible.



Figure 2.2: Nikai NSAC12136HC24 Outdoor Unit. This image displays the external condenser unit of the air conditioner, featuring a large fan and the Nikai brand logo.

3. SETUP

Installation of a split air conditioner requires specialized tools and knowledge. It is highly recommended that installation be performed by a certified professional to ensure proper functioning and safety.

Installation Considerations:

- **Location:** Choose a location for both indoor and outdoor units that allows for optimal airflow and easy maintenance.
- **Mounting:** Ensure both units are securely mounted according to manufacturer guidelines.
- **Piping:** The unit includes a 4-meter copper pipe kit for connecting the indoor and outdoor units. Ensure all connections are leak-free.

- **Electrical Connection:** Connect the unit to a dedicated power circuit as per local electrical codes.
- **Drainage:** Ensure proper drainage for condensate water from the indoor unit.

4. OPERATING INSTRUCTIONS

Your Nikai air conditioner is operated using the provided remote control. Familiarize yourself with the remote's functions for optimal use.

Basic Operation:

1. **Power On/Off:** Press the **ON/OFF** button to start or stop the unit.
2. **Mode Selection:** Use the **MODE** button to cycle through operating modes: Cool, Heat, Fan, Dry, Auto.
3. **Temperature Adjustment:** Use the **Up/Down arrows** to set your desired temperature.
4. **Fan Speed:** Press the **FAN SPEED** button to adjust the fan intensity (Low, Medium, High, Auto).
5. **Swing Function:** Activate the **SWING** button for automatic four-way air distribution.

Advanced Functions:

- **Timer:** Set the unit to turn on or off automatically after a specified period.
- **Sleep Mode:** Adjusts temperature and fan speed for comfortable sleep and energy saving.
- **Quiet Mode:** Reduces fan speed and compressor noise for a quieter environment.

5. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your air conditioner.

Cleaning the Air Filter:

1. Turn off the unit and disconnect power.
2. Open the front panel of the indoor unit.
3. Remove the air filters.
4. Clean filters with a vacuum cleaner or wash with lukewarm water.
5. Allow filters to dry completely before reinstalling.
6. Close the front panel.

Note: Clean air filters every two weeks or more frequently depending on usage and air quality.

Outdoor Unit Maintenance:

- Keep the area around the outdoor unit clear of obstructions (leaves, debris).
- Periodically clean the outdoor coil with a soft brush or water spray (ensure power is off).
- For detailed cleaning and inspection, contact a professional service technician annually.

6. 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	Check power supply, replace batteries, cancel timer.

Problem	Possible Cause	Solution
Insufficient cooling/heating	Dirty air filter, blocked air intake/outlet, wrong mode, room too large	Clean filter, clear obstructions, select correct mode, ensure room size is appropriate for BTU.
Unusual noise	Loose parts, foreign objects, unit not level	Check for loose parts, remove objects, ensure unit is level. If noise persists, contact service.
Water leakage	Blocked drain hose, improper installation	Clear drain hose, contact professional for inspection.

7. SPECIFICATIONS

Detailed technical specifications for the Nikai NSAC12136HC24 model:

Feature	Detail
Brand	Nikai
Model Number	NSAC12136HC24
Product Type	Split Air Conditioner
Cooling Capacity	12300 BTU (3.60 kW)
Heating Capacity	3.35 kW
Refrigerant	R410A
Special Features	Heating and Cooling Function, Golden Fins, Four-Way Air Swing
Power Source	Corded Electric
Electrical Power	1650 W
Annual Energy Consumption	3963 kWh
Noise Level	52 dB
Item Weight	34 kg
Included Components	Remote Control, 4-meter Copper Pipe Kit
Installation Type	Split System
Compressor Type	Rotary Scroll
Outdoor Unit Required	Yes
BEE Energy Efficiency Rating	5 Stars
Color	White
First Available Date	December 14, 2022

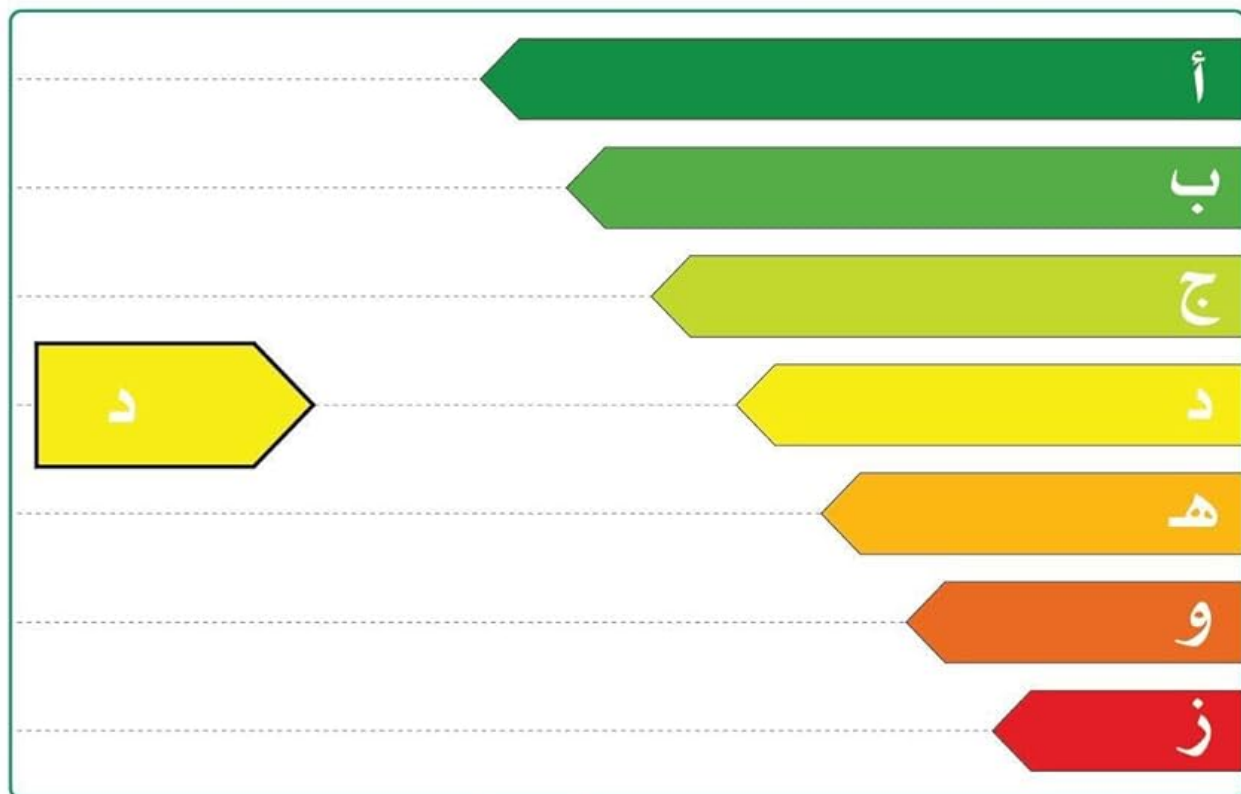
Energy Efficiency Label:





AIR CONDITIONER

مكيف الهواء

التدفئة
HEATINGCAPACITY
kW

3.35

السعة
كيلوواطCOP
W/W

3.60

معامل الأداء
واط/واطمنفصل
SPLITشباك
WINDOWالنوع :
TYPE :التبريد
COOLINGCAPACITY
kW
(Btu/h)3.60
(12300)السعة
كيلوواط
(وح ب/س)SEER
BTU / (W.h)

10.25

معامل كفاءة الطاقة الموسمي
وح ب/(واط.س)ANNUAL ENERGY
CONSUMPTION
kWh

3963

الاستهلاك السنوي
للطاقة
كيلوواط ساعة

MADE IN

China

بلد الصنع

BRAND NAME

NIKAI

العلامة التجارية

MODEL NUMBER

NSAC12136HC23
NSAC12136HC23

رقم الطراز

E46768/2022

رقم التسجيل
REGISTRATION NO

STANDARD REFERENCE NO

SASO 2663/2021

الرقم المرجعي للمواصفة



إزالة أو تغطية أو العبث بهذه البطاقة قبل البيع يجعلك عرضة للمسؤولية النظامية
Removing, covering or altering this label before sale can subject you to legal liability

Figure 7.1: Energy Efficiency Label. This label provides details on the unit's cooling and heating capacity, annual energy consumption, and efficiency ratings.

For more information on energy efficiency, visit the official Saudi Standards, Metrology and Quality Organization (SASO) website:
[SASO Certificate Authentication](#)

8. WARRANTY & SUPPORT

This product is eligible for a two-year warranty provided by the manufacturer/brand from the date of purchase.

For warranty claims, technical support, or further inquiries, please contact the manufacturer or seller directly. Keep your purchase receipt as proof of purchase.