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> WANAI 9000 BTU 115V Mini Split Air Conditioner & Heat Pump System User Manual

WANAI NB-2025SPLIT AC

WANAI 9000 BTU Mini Split Air Conditioner & Heat Pump System User Manual

Model: NB-2025SPLIT AC

1. PRODUCT OVERVIEW

The WANAI 9000 BTU 115V Mini Split Air Conditioner and Heat Pump System is a high-efficiency climate control solution designed for residential and commercial spaces. This system provides rapid cooling and heating, along with dehumidification and fan-only modes, ensuring year-round comfort. Its inverter technology contributes to energy savings and quiet operation.



This image displays the complete WANAI 9000 BTU Mini Split Air Conditioner and Heat Pump System, including the indoor unit, outdoor condenser, remote control, and various installation accessories such as refrigerant lines and electrical wiring.

2. KEY FEATURES

- **Powerful & Versatile Climate Control:** High-efficiency 9000 BTU system delivers rapid cooling and heating (up to 450 sq.ft) with 5 versatile modes—Cooling, Heating, Auto, Fan, and Dry. Easily adjusts temperatures from 61°F (16°C) to 86°F (30°C).
- **Intelligent & Convenient Control:** Manage comfort effortlessly with the included remote control or via app connectivity for remote adjustments. Features five modes and four fan speeds (high, medium, low, auto), a 24-hour timer, and Sleep Mode.
- **Energy-Saving Comfort:** Innovative inverter technology ensures optimal performance with 25% energy savings, reducing electricity costs. The 17 SEER2 rating maximizes efficiency by automatically adjusting compressor speed.
- **Whisper-Quiet Operation:** Ultra-quiet design with low-noise operation (as low as 26dB) ensures a peaceful environment for working, sleeping, or relaxing.

- **Wide Operating Temperature Range:** Designed to perform in various environments, including temperatures as low as -4°F and as high as 122°F.

INVERTER HEAT & COOL MINI SPLIT AC

More comfortable, efficient and smart



**9000BTU
COOL
CAPACITY**



**9000BTU
HEAT
CAPACITY**



**450 SQ.FT
COVERAGE
AREA**



**R32
REFRIGERANT**



An illustration highlighting the core capabilities of the WANAI Mini Split AC, including its 9000 BTU cooling and heating capacity, suitability for areas up to 450 square feet, and the use of R32 refrigerant for efficient operation.

4-IN-1 ALL-SEASON INTEGRATED SPLIT AIR CONDITIONER



FAN



DRY



COOL



HEAT

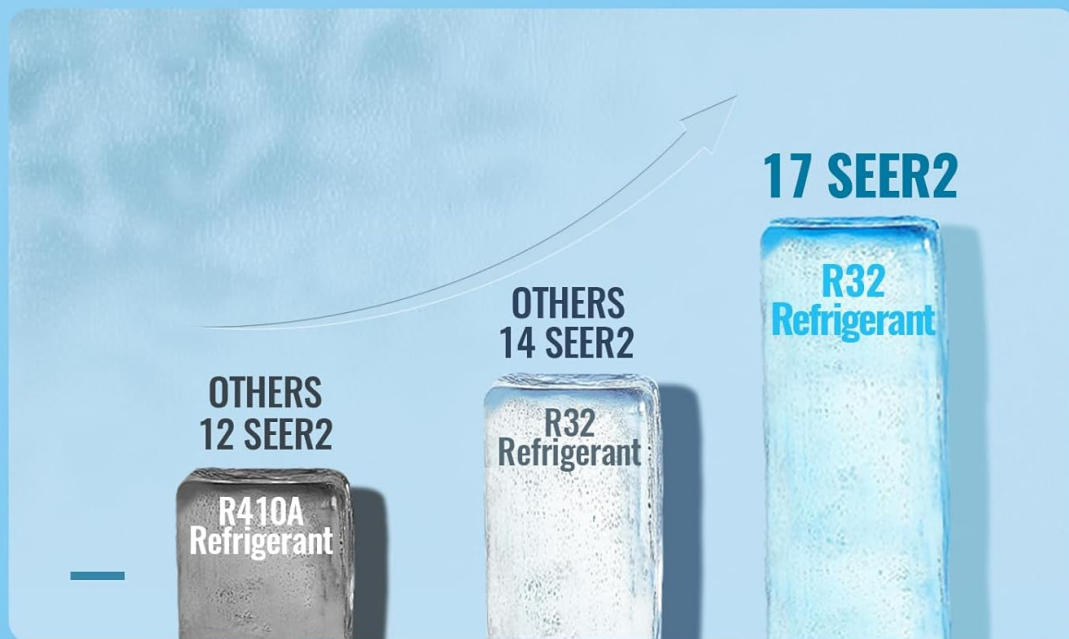


This graphic demonstrates the four primary operating modes of the system: Fan, Dry (dehumidification), Cool, and Heat. It also illustrates the wide operational temperature range, capable of cooling effectively at ambient temperatures up to 122°F and heating down to -4°F.

HIGHLY EFFICIENT COOLING & HEATING

Saving Over 25%

✓ High Energy Efficiency ✓ Lower Energy Cost



A chart comparing the energy efficiency of the WANA1 17 SEER2 system with other models, indicating over 25% energy savings due to its advanced technology and R32 refrigerant.

ULTRA-QUIET OPERATION

Enjoy a comfortable home life



An image depicting the quiet operation of the indoor unit, with a sound level of 26dB, comparable to a whisper, ensuring minimal disturbance during use.

3. PACKAGE CONTENTS

Your WANAI Mini Split AC system is shipped in two separate packages. Please ensure all components are present before beginning installation.

SHIPPED IN TWO SEPARATE PACKAGES, WHICH MAY NOT ARRIVE AT THE SAME TIME



28.35"x7.48"x11.42"
Indoor unit



Hanging
board



Wall
sheathing



Instruction
manual



Remote
control



24.8"x9.37"x19.88"
Outdoor Unit



Drain Pipe



Communication Wire



Connection Pipe*2



Wall Sleeve



Putty



Tape



Screw*6

This image details the components included in the two separate shipping packages: one for the indoor unit and its accessories (hanging board, instruction manual, remote control, wall sheathing) and another for the outdoor unit and its installation kit (drain pipe, communication wire, connection pipes, wall sleeve, putty, tape, screws).

Package 1 (Indoor Unit & Accessories):

- Indoor Unit
- Hanging Board
- Instruction Manual
- Remote Control
- Wall Sheathing

Package 2 (Outdoor Unit & Installation Kit):

- Outdoor Unit
- Drain Pipe
- Communication Wire
- Connection Pipes (x2)
- Wall Sleeve

- Putty
- Tape
- Screws (x6)

4. SETUP AND INSTALLATION

IMPORTANT: For safety and peak performance, PROFESSIONAL INSTALLATION IS NECESSARY. Please allow the unit to stand upright for 24 hours before setup.

Proper installation is crucial for the efficient and safe operation of your mini split system. Consult a certified HVAC professional for installation.

Unit Dimensions:



A diagram illustrating the precise dimensions of both the indoor unit (28.35"W x 7.48"D x 11.42"H) and the outdoor unit (24.8"W x 9.37"D x 19.88"H), crucial for planning installation space.

- **Indoor Unit Dimensions:** 28.35" (W) x 7.48" (D) x 11.42" (H)
- **Outdoor Unit Dimensions:** 24.8" (W) x 9.37" (D) x 19.88" (H)

Choosing the Right Model for Your Space:

CHOOSE THE RIGHT MODELS

BTU	SQUARE FEET
9K	350-450 SQ FT
12K	500-750 SQ FT
18K	1000-1250 SQ FT
24K	1250-1500 SQ FT

FOR HOT/LOW LATITUDES, A 25% BTU INCREASE IS RECOMMENDED

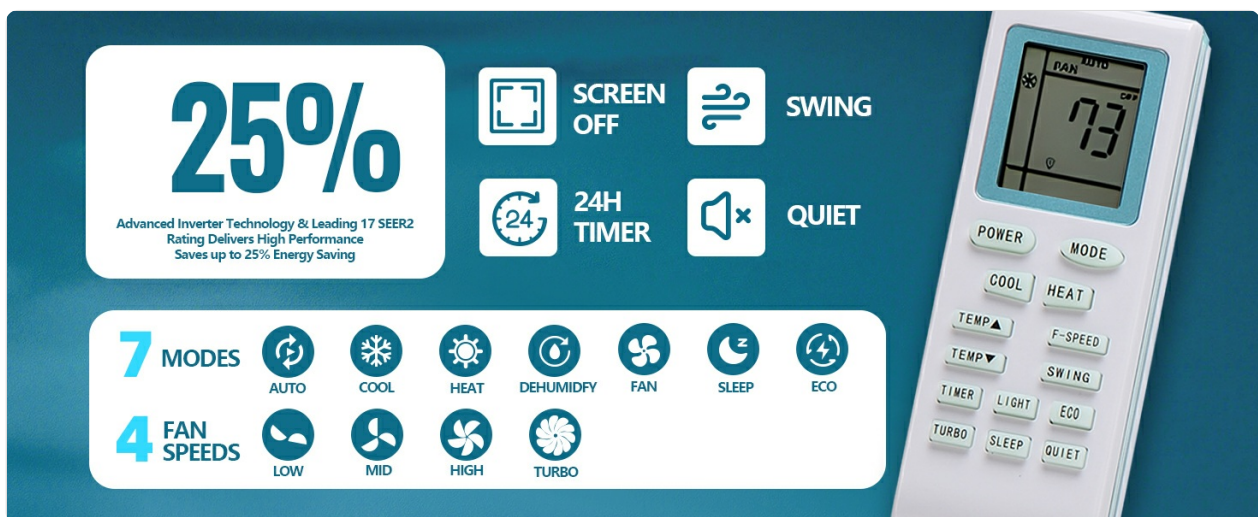
A helpful guide showing recommended BTU capacities based on square footage, assisting users in selecting the appropriate model for their space. For example, 9K BTU for 350-450 sq ft, 12K BTU for 500-750 sq ft.

BTU	Approx. Coverage (Sq. Ft.)
9K	350-450
12K	500-750
18K	1000-1250
24K	1250-1500

For hot/low latitudes, a 25% BTU increase is recommended.

5. OPERATING INSTRUCTIONS

Your WANAI Mini Split AC system offers various modes and settings for optimal comfort. All functions can be controlled via the included remote control.



An image of the remote control, detailing its various functions including a 24-hour timer, quiet operation setting, seven distinct operating modes, and four fan speed options.

Operating Modes:

- **Cooling:** Reduces room temperature to your desired setting.
- **Heating:** Increases room temperature to your desired setting.
- **Auto:** Automatically selects cooling or heating based on the ambient temperature and your set temperature.
- **Fan:** Circulates air without cooling or heating.
- **Dry (Dehumidify):** Reduces humidity in the room.
- **Sleep Mode:** Adjusts temperature and fan speed for comfortable sleep, typically increasing temperature slightly during cooling and decreasing during heating.
- **ECO Mode:** Optimizes operation for maximum energy efficiency.

Fan Speeds:

- High
- Medium
- Low
- Auto
- Turbo (for rapid cooling/heating)

Timer Function:

Set the unit to turn on or off automatically within a 24-hour period. Refer to the remote control section of the detailed instruction manual for specific programming steps.

6. MAINTENANCE

Regular maintenance ensures the longevity and efficiency of your WANAI Mini Split AC system. Always disconnect power before performing any maintenance.

General Maintenance Tips:

- **Filter Cleaning:** Regularly clean the air filters in the indoor unit to maintain air quality and system efficiency. Frequency depends on usage and air quality, typically every 2-4 weeks.
- **Outdoor Unit Cleaning:** Keep the outdoor condenser coil free of dirt, leaves, and other debris. Ensure proper airflow around the unit.
- **Professional Inspection:** Schedule annual professional inspections and servicing to check refrigerant levels, electrical connections, and overall system health.
- **Drainage Check:** Ensure the condensate drain line is clear and free of blockages to prevent water leaks.

7. TROUBLESHOOTING

This section provides solutions to common issues you might encounter. For more complex problems, contact a qualified technician.

Common Issues and Solutions:

- **Unit Not Turning On:** Check power supply, circuit breaker, and ensure the remote control batteries are not depleted.
- **Insufficient Cooling/Heating:** Verify correct mode selection, check thermostat setting, ensure air filters are clean, and confirm no obstructions to airflow.
- **Unusual Noises:** Minor operational noises are normal. Loud or persistent noises may indicate a loose part or a fan issue. Consult a technician if concerned.
- **Water Leaks:** Check the condensate drain line for blockages or improper installation. Ensure the indoor unit is level.
- **Remote Control Not Working:** Replace batteries, ensure no obstructions between remote and indoor unit, and confirm the remote is set to the correct operating mode.

If the problem persists after attempting these solutions, please refer to the comprehensive troubleshooting guide in your full instruction manual or contact customer support.

8. SPECIFICATIONS

Specification	Detail
Brand	WANAI
Model Number	NB-2025SPLIT AC
Product Dimensions	7.48 x 28.35 x 11.42 inches (Indoor Unit)
Capacity	0.75 Tons (9000 BTU)
Installation Type	Split System
Special Features	Easy to Install, Washable (filters)
Color	White
Voltage	115 Volts
Cooling Power	9000 British Thermal Units
Seasonal Energy Efficiency Ratio (SEER)	17.0 (SEER2)
Control Method	Remote
Included Components	Remote Control, Window Kit (for installation)

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official WANAI brand store.

WANAI Brand Store: [Visit WANAI Store on Amazon](#)