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TABU 764143648030

TABU 24000BTU Mini Split Air Conditioner User Manual

Model: 764143648030

1. Introduction

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your TABU 24000BTU Mini Split Air Conditioner. Please read this manual thoroughly before using the unit and retain it for future reference. Proper understanding and adherence to these instructions will ensure optimal performance and longevity of your air conditioning system.



Image 1.1: The TABU Mini Split Air Conditioner seamlessly integrated into a modern living space, providing comfort.

2. Safety Information

Your safety and the safety of others are paramount. Always observe the following basic precautions to reduce the risk of fire, electric shock, injury, or property damage.

- **Professional Installation:** Installation, maintenance, and repair of this unit must be performed by qualified service personnel. Improper installation can lead to electric shock, fire, or water leakage.
- **Electrical Safety:** Ensure the power supply matches the unit's specifications (220-230V). Do not operate the unit with wet hands or near water. Always disconnect power before cleaning or servicing.
- **Refrigerant:** This unit contains R32 refrigerant. Do not attempt to tamper with the refrigerant circuit. Any work involving refrigerant must be done by certified technicians.
- **Clearances:** Maintain adequate clearance around the indoor and outdoor units for proper airflow and heat dissipation.
- **Children and Pets:** Keep children and pets away from the unit, especially during operation and maintenance. Do not allow

children to play with the remote control.

- **Ventilation:** Do not block the air inlet or outlet of the unit. Restricted airflow can lead to reduced performance and potential damage.

3. Product Overview

The TABU 24000BTU Mini Split Air Conditioner is a versatile system designed for year-round comfort. It features 4-in-1 functionality, inverter technology for energy efficiency, and smart control options.

Key Features:

- **4-in-1 Multi-Function:** Offers Cooling, Heating, Dehumidifying (Dry), and Fan modes.
- **Efficient Inverter Technology:** Provides consistent temperature control and energy savings.
- **Quick Cooling & Heating:** Achieves desired temperatures rapidly.
- **Smart Control:** Compatible with Wi-Fi, Alexa, and Google Assistant for convenient operation.
- **Ultra-Quiet Operation:** Designed for minimal noise, ensuring a peaceful environment.
- **Wide Air Flow Range:** Ensures even distribution of conditioned air throughout the room.



Image 3.1: Illustration of the four primary operating modes: Cooling (down to 60°F), Heating (up to 90°F), Dehumidifying (Dry), and Fan for air circulation.



Image 3.2: The indoor unit demonstrating its wide air flow capabilities, highlighting its 24000 BTU cooling and heating capacity.

4. Setup and Installation

The TABU Mini Split Air Conditioner is a complex system requiring specialized knowledge for proper installation.**Professional installation by a certified HVAC technician is strongly recommended to ensure safety, optimal performance, and to maintain warranty validity.** An installation kit is included with the unit.

General Considerations:

- **Location:** Choose a location for both indoor and outdoor units that allows for proper airflow, drainage, and accessibility for maintenance. Avoid direct sunlight or heat sources for the outdoor unit.
- **Mounting:** Ensure both units are securely mounted on stable surfaces capable of supporting their weight.
- **Electrical Connection:** The unit requires a dedicated 220-230V electrical circuit. All wiring must comply with local electrical codes.
- **Refrigerant Lines:** Proper evacuation and charging of refrigerant lines are critical. This step requires specialized tools and expertise.

- **Drainage:** Ensure proper condensate drainage from the indoor unit to prevent water damage.

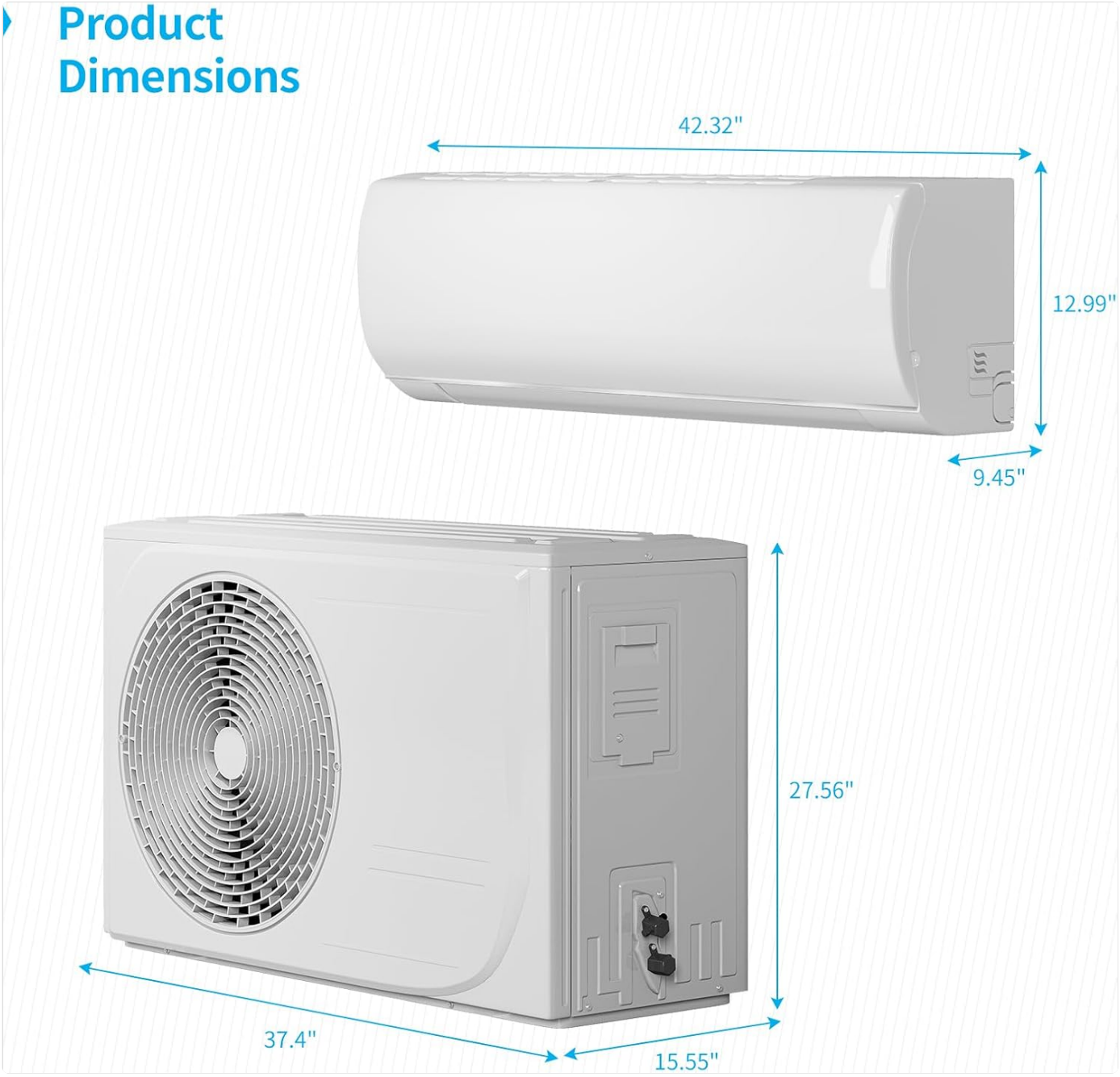


Image 4.1: Detailed dimensions for both the indoor (42.32"W x 12.99"H x 9.45"D) and outdoor (37.4"W x 27.56"H x 15.55"D) units, crucial for planning installation space.

5. Operating Instructions

Your TABU Mini Split AC can be controlled via the included remote control or through a smart device using Wi-Fi connectivity.

Remote Control Functions:

The remote control allows you to adjust settings from a distance. Point the remote directly at the indoor unit's receiver.

- **MODE Button:** Cycles through operating modes: Auto, Cool, Dry, Heat, Fan.
- **TEMP +/- Buttons:** Adjusts the desired temperature.
- **FAN Button:** Selects fan speed (Auto, Low, Medium, High).
- **TIMER Button:** Sets the unit to turn on or off automatically after a set period.
- **SLEEP Mode:** Optimizes temperature and fan speed for comfortable sleep while minimizing noise.

- **TURBO Mode:** Provides maximum cooling or heating power for rapid temperature change.
- **ECO Mode:** Operates the unit in an energy-saving manner.



Image 5.1: The remote control displaying current settings and highlighting key features such as the 24-hour timer, Turbo mode, ECO mode, Sleep function, Smart Wi-Fi, and 4-in-1 multi-function capability.

Wi-Fi and Smart Control:

The unit can be controlled via a smartphone app and is compatible with Alexa and Google Assistant. Refer to the separate Wi-Fi setup guide for detailed instructions on connecting your unit to your home network and smart home ecosystem.

Quick Cooling and Heating:

The TABU Mini Split AC is designed for rapid temperature adjustments. Expect quick cooling within 30 seconds and quick heating within 60 seconds to reach your desired comfort level.



Image 5.2: Visual representation of the unit's ability to provide quick heating in 60 seconds and quick cooling in 30 seconds, enhancing user comfort.

Ultra Quiet Operation:

The unit operates quietly, especially in Sleep mode, ensuring minimal disturbance for a restful environment.



Image 5.3: The air conditioner operating in ultra-quiet mode, allowing for undisturbed sleep or relaxation.

6. Maintenance

Regular maintenance is crucial for the efficient and long-lasting operation of your TABU Mini Split Air Conditioner. Always disconnect power to the unit before performing any maintenance.

Air Filter Cleaning:

The air filters should be cleaned every two weeks or more frequently depending on usage and air quality.

1. Open the front panel of the indoor unit.
2. Remove the air filters.
3. Clean the filters with a vacuum cleaner or wash them with lukewarm water and a mild detergent.
4. Rinse thoroughly and allow them to dry completely in a shaded area before reinstalling.
5. Close the front panel.

Indoor Unit Cleaning:

Wipe the exterior of the indoor unit with a soft, damp cloth. Do not use harsh chemicals, abrasives, or solvents, as these can damage the surface.

Outdoor Unit Maintenance:

Periodically check the outdoor unit for any obstructions (leaves, debris) around the condenser coils and fan. Clear any blockages to ensure proper airflow. For detailed cleaning of the outdoor unit's coils, consult a professional technician.

Seasonal Checks:

- Before the cooling season, ensure all connections are secure and the drainage is clear.
- Before the heating season, verify that the outdoor unit is free of snow and ice.

7. Troubleshooting

Before contacting customer support, please refer to the following troubleshooting guide for common issues.

Problem	Possible Cause	Solution
Unit does not turn on	No power supply; Circuit breaker tripped; Remote control batteries dead.	Check power connection; Reset circuit breaker; Replace remote control batteries.
Insufficient cooling/heating	Dirty air filters; Blocked air intake/outlet; Temperature setting incorrect; Room size too large.	Clean air filters; Clear obstructions; Adjust temperature setting; Ensure unit capacity matches room size.
Unusual noise	Loose parts; Fan obstruction; Refrigerant flow noise (normal).	Check for loose parts; Clear fan obstruction; If noise is excessive or unusual, contact service.
Water leakage from indoor unit	Clogged drain pipe; Improper installation.	Clear drain pipe; Contact a professional for inspection and re-installation if necessary.
Remote control not working	Batteries dead or incorrectly inserted; Obstruction between remote and unit.	Replace batteries; Ensure clear line of sight to indoor unit.

If the problem persists after attempting these solutions, please contact TABU customer support for assistance.

8. Specifications

Below are the technical specifications for the TABU 24000BTU Mini Split Air Conditioner (Model: 764143648030).

Feature	Specification
Brand	TABU
Model Number	764143648030
Capacity	2 Tons
Cooling Power	24000 British Thermal Units (BTU)

Feature	Specification
Voltage	220-230 Volts
Seasonal Energy Efficiency Ratio (SEER)	21
Product Dimensions (Indoor Unit)	9.45"D x 42.32"W x 12.99"H
Special Features	Dehumidifier, Fast Cooling, Heating & Cooling Function, Inverter Compressor, WiFi Enabled
Control Method	App, Remote
Recommended Floor Area	Up to 1500 Square Feet
Included Components	Installation Kit, Remote Control

9. Warranty and Support

For warranty information, technical support, or service requests, please contact TABU customer support. Keep your purchase receipt and model number handy when contacting support.

Customer Support: Refer to the contact information provided with your product packaging or visit the official TABU website for the most up-to-date support details.

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