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> Tanoxo 14000 BTU Portable Air Conditioner with Heater User Manual

Tanoxo TAC-10CPD-BH1

Tanoxo 14000 BTU Portable Air Conditioner with Heater

Model: TAC-10CPD-BH1

IMPORTANT SAFETY INSTRUCTIONS

Please read all instructions carefully before using this appliance and retain them for future reference. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Ensure the power supply matches the voltage specified on the rating label.
- Do not operate the unit with a damaged cord or plug. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified persons to avoid a hazard.
- Always unplug the unit before cleaning, servicing, or moving it.
- Do not block air inlets or outlets. Maintain a minimum distance of 20 cm (8 inches) from walls or other objects.
- Do not insert fingers or foreign objects into the air inlets or outlets.
- 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.
- Children should be supervised to ensure that they do not play with the appliance.
- Do not use the unit in wet environments such as bathrooms or laundry rooms.
- Do not place the unit on uneven surfaces.
- Use only the installation kit provided with the appliance.
- The appliance contains R-32 refrigerant. Servicing should only be performed by authorized personnel.

PRODUCT OVERVIEW

Key Features

- **Powerful Cooling & Heating:** 14,000 BTU (ASHRAE) / 10,000 BTU (SACC) cooling for up to 700 sq.ft and 12,500 BTU (ASHRAE) heating for up to 500 sq.ft.
- **5 Operating Modes:** Cool, Heat, Dehumidification, Fan, and Sleep mode.
- **Advanced Control:** LED-backlit remote control (23ft range) and touch-sensitive LED display.

- **Portability:** Equipped with 360° silent casters and a recessed ergonomic handle for easy movement.
- **Smart Mode:** Automatically switches between Cool and Fan modes based on room temperature.
- **Energy-Saving Sleep Mode:** Operates at low speed for quiet, optimal temperature maintenance.
- **Adjustable Airflow:** 3 fan speeds (High/Mid/Low) and auto-swing function with a 45°-75° angle.
- **Drainage-Free Cooling:** Special condensation technology recycles excess moisture when humidity is below 85%. Manual drainage is required in heating mode or extreme humidity ($\geq 85\%$).
- **Hassle-Free Installation:** Includes a complete window kit and exhaust hose for sliding windows.

Package Contents

Upon unpacking, ensure all items listed below are present and undamaged:

- 1 x Tanoxo Portable Air Conditioner Unit
- 1 x Remote Control (AAA batteries not included)
- 1 x User Guide (this manual)
- 1 x Quick Guide
- 1 x Window Kits with Hose (includes window seal plates, hose inlet, hose outlet, exhaust hose, foam seal, butterfly bolts)
- 1 x Drainage Hose

Unit Components



Figure 1: Front view of the Tanoxo Portable Air Conditioner unit and its remote control.

The main unit features a top-mounted LED touch control panel, adjustable air louvers, and a side exhaust port for the hose. The remote control allows for convenient operation from a distance.

SETUP AND INSTALLATION

Unit Placement

- Place the unit on a firm, level surface in the desired room.
- Ensure there is at least 20 cm (8 inches) of space around the unit for proper airflow.
- Position the unit near a window for exhaust hose installation and a grounded power outlet.

Window Kit Installation

The included window kit is designed for both horizontally and vertically sliding windows, suitable for windows 20 to 60 inches in length.



Figure 2: Window installation kit components and examples for sliding windows.

This image illustrates the various parts of the window kit, including the window seal plates, hose inlet, hose outlet, drainage hose, remote control, exhaust hose, foam seal, butterfly bolts, and user manual. It also shows how the unit can be installed in both horizontally and vertically sliding windows.



Figure 3: Detailed steps for installing the window kit.

This image provides a visual guide for the installation process, showing how to connect the adapter to the hose, stretch the exhaust hose, fix the window kit with butterfly screws, fasten the window kits to the window, insert the adapter into the unit's rear, and secure the adapter to the window kits.

1. **Prepare the Window Kit:** Adjust the window seal plates to fit your window opening. Secure them using the provided butterfly screws.
2. **Connect Exhaust Hose:** Attach the hose inlet and outlet adapters to both ends of the exhaust hose.
3. **Attach to Unit:** Insert one end of the exhaust hose (with adapter) into the exhaust port on the rear of the portable AC unit.
4. **Attach to Window:** Insert the other end of the exhaust hose (with adapter) into the opening of the installed window seal plate. Ensure a tight seal to prevent hot air from re-entering the room.
5. **Seal Gaps:** Use the foam seal provided to seal any gaps around the window kit to maximize efficiency.

OPERATING INSTRUCTIONS

Control Panel and Remote Control

Smart LED Touch Control Panel



Figure 4: Smart LED Touch Control Panel.

The control panel features an LED display showing the current temperature and mode. Buttons include ON/OFF, Mode selection, Fan Speed, Timer, Temperature Up/Down, and Auto Swing. The remote control duplicates these functions for convenience.



Figure 5: Key features including LED touch control, casters, filter, timer, and handle.

This image highlights the LED touch control panel, the 360° casters for mobility, the washable filter for easy maintenance, the 24-hour timer function, and the integrated carry handle.

Powering On/Off

- Press the **ON/OFF** button on the control panel or remote control to turn the unit on or off.

Mode Selection



Figure 6: Five operating modes.

This image visually represents the five available modes: Cool, Heat, Dry (Dehumidification), Fan, and Sleep, along with the auto-swing angle and temperature setting range.

Press the **MODE** button repeatedly to cycle through the following modes:

- **Cool Mode:** For cooling the room. Set desired temperature using the Up/Down buttons (61°F - 88°F).
- **Heat Mode:** For heating the room. Set desired temperature using the Up/Down buttons.
- **Dehumidification (Dry) Mode:** Reduces humidity in the air. Fan speed is automatically controlled.
- **Fan Mode:** Circulates air without cooling or heating. Choose fan speed.
- **Sleep Mode:** Operates quietly at a low fan speed to maintain a comfortable temperature for sleeping.
- **Smart Mode:** The unit automatically selects between Cool and Fan modes based on the ambient room temperature.

Temperature and Fan Speed Adjustment

- Use the **Up** and **Down** buttons to adjust the desired temperature in Cool or Heat mode (range: 61°F - 88°F).
- Press the **FAN SPEED** button to select High, Mid, or Low fan speed in Cool or Fan mode.

Timer Function

- Press the **TIMER** button to set a delayed start or stop time (up to 24 hours). Use the Up/Down buttons to adjust the hours.

Auto-Swing Function

- Press the **SWING** button to activate or deactivate the automatic oscillation of the air louvers, distributing air evenly. The swing angle is approximately 45°-75°.

MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your portable air conditioner.

Filter Cleaning

- The unit features a washable filter. It is recommended to clean the air filter every two weeks, or more frequently depending on usage and air quality.
- **To Clean:**
 1. Unplug the unit from the power outlet.
 2. Locate the air filter panel (usually on the back or side of the unit).
 3. Remove the filter.
 4. Wash the filter with warm, soapy water. Rinse thoroughly.
 5. Allow the filter to air dry completely before reinstalling. Do not expose to direct sunlight or high heat.
 6. Reinstall the dry filter and close the panel.

Drainage



Figure 7: Drain-free self-evaporation system.

This image shows the internal self-evaporation system, where condensed moisture is recycled. A note indicates that manual drainage is required in extremely high humidity or heat mode.

- The unit features a self-evaporation system that recycles most condensed moisture, reducing the need for frequent drainage in cooling mode when humidity is below 85%.
- **Manual Drainage:** Manual drainage is required when operating in Heat mode or in environments with extremely high humidity (85% or greater).
 1. Unplug the unit.
 2. Locate the drainage port at the bottom rear of the unit.
 3. Place a shallow pan or tray beneath the drainage port.
 4. Remove the drain plug/cap.
 5. Allow all accumulated water to drain completely.
 6. Replace the drain plug/cap securely.

Seasonal Storage

- Before storing the unit for an extended period, run it in Fan mode for a few hours to dry out the interior.

- Drain any remaining water from the unit.
- Clean the air filter.
- Cover the unit with a plastic bag or cloth to protect it from dust.
- Store the unit in a cool, dry place.

TROUBLESHOOTING

Before contacting customer support, please refer to the following table for common issues and solutions.

Problem	Possible Cause	Solution
Unit does not turn on.	No power; Power cord not plugged in; Circuit breaker tripped; Full water tank.	Ensure unit is plugged into a live outlet; Check circuit breaker; Empty water tank if full.
Unit does not cool/heat effectively.	Air filter dirty; Exhaust hose blocked or improperly installed; Room too large; Doors/windows open; Temperature setting too high/low.	Clean air filter; Check exhaust hose for kinks or blockages and ensure proper sealing; Close doors/windows; Adjust temperature setting.
Unit is noisy.	Unit not on a level surface; Air filter dirty; Foreign object in fan.	Place unit on a flat, stable surface; Clean air filter; Check for and remove any obstructions.
Water leakage.	Drain plug loose or missing; Unit tilted; High humidity causing excess condensation.	Ensure drain plug is securely in place; Place unit on a level surface; Manually drain the unit if operating in high humidity or heat mode.
Remote control not working.	Batteries dead or incorrectly inserted; Obstruction between remote and unit.	Replace batteries (AAA); Ensure clear line of sight to the unit's receiver.

SPECIFICATIONS

Feature	Detail
Brand	Tanoxo
Model Name	TAC-10CPD-BH1
Cooling Power (ASHRAE)	14,000 BTU
Cooling Power (SACC)	10,000 BTU
Heating Power (ASHRAE)	12,500 BTU
Max Cooling Area	700 sq.ft
Max Heating Area	500 sq.ft
Product Dimensions (D x W x H)	14 x 16.5 x 27 inches
Item Weight	64.9 pounds
Voltage	115 Volts

Feature	Detail
Wattage	1250 watts
Noise Level	48 Decibels
Refrigerant	R-32
Special Features	Child Lock, Dehumidifier, Fast Cooling, Remote Controlled, Sleep Mode
Installation Type	Window (with included kit)
Color	White

WARRANTY AND CUSTOMER SUPPORT

Warranty Information

Specific warranty details are typically provided with your purchase documentation. Please refer to the warranty card or contact the retailer for information regarding your product's warranty period and terms.

Customer Support

For technical assistance, troubleshooting beyond this manual, or inquiries regarding parts and service, please contact Tanoxo customer support. Contact information can usually be found on the product packaging, the official Tanoxo website, or through your retailer.

When contacting support, please have your model number (TAC-10CPD-BH1) and purchase date available.

PRODUCT VIDEOS

No official product videos from the seller are available for embedding in this manual. For visual guides, please refer to the manufacturer's official website or support channels.