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› Tanoxo TAC-08CPD-C1 12,000 BTU Portable Air Conditioner User Manual

## Tanoxo TAC-08CPD-C1

# Tanoxo TAC-08CPD-C1 12,000 BTU Portable Air Conditioner User Manual

Model: TAC-08CPD-C1

## 1. INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation, installation, and maintenance of your Tanoxo TAC-08CPD-C1 Portable Air Conditioner. Please read this manual thoroughly before using the appliance and retain it for future reference.

The Tanoxo TAC-08CPD-C1 is a versatile 3-in-1 unit offering cooling, fan, and dehumidifying functions. It features a 12,000 BTU (ASHRAE) / 8,000 BTU (SACC) cooling capacity, suitable for rooms up to 500 sq. ft.

# Portable Air Conditioner



Image 1.1: Overview of the Tanoxo Portable Air Conditioner's cooling capacity, indicating 12,000 BTU (ASHRAE), 8,000 BTU (SACC), and a maximum cooling area of 500 sq. ft.

## 2. SAFETY INFORMATION

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and injury.

- Ensure the power supply matches the voltage specified on the unit's 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.
- Do not block air outlets or inlets. Maintain a minimum clearance around the unit for proper airflow.
- Do not insert fingers or foreign objects into the air inlets or outlets.
- Always unplug the unit before cleaning or servicing.
- Do not use the unit in wet environments such as bathrooms or laundry rooms without proper ventilation.

- This appliance uses R32 refrigerant. Do not attempt to service the refrigerant system yourself. Contact qualified personnel for repairs.
- Keep the unit on a flat, stable surface to prevent tipping.

### 3. PACKAGE CONTENTS

Verify that all components are present and undamaged upon unpacking. If any items are missing or damaged, contact customer support.

- 1 x Portable Air Conditioner Unit
- 1 x Remote Control
- 1 x User Guide (this manual)
- 1 x Quick Guide
- 1 x Window Kits with Hose (includes exhaust hose, window slider kit, foam seal, butterfly bolt, small latch)
- 1 x Drainage Hose

## Windows For Installation

Suitable for windows 20 to 60 inches in length



Image 3.1: Illustration of included components, including the portable AC unit, remote control, exhaust hose kit, drainage hose, user manual, and window kits for both horizontally and vertically sliding windows.

## 4. SETUP AND INSTALLATION

Proper installation is crucial for optimal performance. This unit is designed for use with a window exhaust kit.

### 4.1 Positioning the Unit

- Place the air conditioner on a flat, stable surface.
- Ensure there is at least 20 inches (50 cm) of space around the unit for proper air circulation.
- Position the unit near a window for exhaust hose installation and a grounded electrical outlet.

### 4.2 Window Kit Installation

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

1. **Prepare the Window Kit:** Assemble the window slider kit pieces to fit your window opening. Secure them with the provided butterfly bolts.
2. **Install in Window:** Place the assembled window kit into the window opening. Extend it to fit snugly and close the window against it to secure. Use the foam seal to ensure a tight fit and prevent air leakage.
3. **Attach Exhaust Hose:** Stretch the exhaust hose to the required length. Attach one end of the exhaust hose to the adapter on the back of the air conditioner unit.
4. **Connect to Window Kit:** Insert the other end of the exhaust hose, with its adapter, into the opening of the window kit. Ensure a secure connection to prevent hot air from re-entering the room.
5. **Secure Window:** Use the small latch to further secure the window, preventing it from being opened from the outside.



Image 4.1: Visual guide demonstrating the six steps for installing the window kit and exhaust hose: stretching the hose, fixing window kits with butterfly screws, fastening window kits to the window, inserting the adapter into the unit's rear, inserting the adapter into the window kit opening, and fixing the attached small latch.

## 5. OPERATING INSTRUCTIONS

Your Tanoxo portable air conditioner features an intuitive LED digital display and a full-function remote control for easy operation.



Image 5.1: The main portable air conditioner unit shown alongside its remote control, highlighting the digital display on the unit.

## 5.1 Control Panel and Remote Control

The unit can be controlled via the touch panel on the front or the included remote control. The remote control has an operating distance of up to 25 feet.

# LED Front Display Panel



Timer  
0.5-24H



Fan  
3 Speed



Down  
61°F~88°F



Up  
61°F~88°F



3 Modes



ON/OFF



Image 5.2: Close-up of the LED digital display panel, showing controls for Timer (0.5-24H), Fan Speed (3 speeds), Temperature Down (61-88°F), Temperature Up (61-88°F), Mode Selection (3 Modes), and Power On/Off.

## 5.2 Operating Modes

The unit offers three primary operating modes: Cooling, Fan, and Dehumidifying.

# 3 In 1 Modes



## Dry Mode

75 Pint/Day



## Cooling Mode

12000 BTU



## Fan Mode

Hig/Mid/Low/Auto

Image 5.3: Visual representation of the three operational modes: Dry Mode (dehumidifying up to 75 Pint/Day), Cooling Mode (12000 BTU), and Fan Mode (High/Mid/Low/Auto speeds), showing their application in different room settings.

- **Cooling Mode:** Provides powerful cooling for rooms up to 500 sq. ft. Set your desired temperature using the Up/Down buttons. The unit will cycle on and off to maintain the set temperature.
- **Fan Mode:** Circulates air without cooling. Select from 3 fan speeds (Low, Medium, High) to suit your preference.
- **Dehumidifying Mode:** Removes excess moisture from the air, with a capacity of up to 75 pints per day. In this mode, the fan speed is typically fixed to optimize moisture removal.

### 5.3 Fan Speed Adjustment

In Cooling and Fan modes, you can adjust the fan speed using the fan speed button on the control panel or remote. There are three speeds: Low, Medium, and High.

### 5.4 Timer Function

The 24-hour timer allows you to program the unit to turn on or off automatically after a set period (0.5 to 24 hours). This feature helps conserve energy.

## 5.5 Sleep Mode

Activate Sleep Mode for quiet operation and energy saving during nighttime. In this mode, the unit operates at a reduced noise level (approximately 48dB) and maintains a comfortable temperature range of 73-77°F.



Image 5.4: Depiction of the unit's quiet operation in sleep mode, highlighting its 48dB noise level compared to typical whisper (30dB) and noisy environments (70dB).

## 5.6 Airflow Direction

Before starting the unit, manually adjust the louvers on the front of the air conditioner to direct airflow within a 58-90° wide angle.

## 5.7 Child Lock

The unit includes a Child Lock feature to prevent accidental changes to settings. Refer to the Quick Guide or remote control instructions for activation/deactivation.

## 6. MAINTENANCE

Regular maintenance ensures the longevity and efficiency of your portable air conditioner.

## 6.1 Filter Cleaning

The air filter on the back of the unit is removable and washable. Clean the filter regularly (e.g., every two weeks, depending on usage) to maintain optimal performance and air quality.

1. Unplug the air conditioner from the power outlet.
2. Remove the filter from the back of the unit.
3. Wash the filter with warm, soapy water. Rinse thoroughly.
4. Allow the filter to air dry completely before reinstalling. Do not expose to direct sunlight.



Image 6.1: The portable air conditioner unit being moved, with insets highlighting its 360° casters, hidden handles, and the removable, washable filter for easy maintenance.

## 6.2 Drain-Free Self-Evaporation System

The unit features a built-in condensate self-evaporation mechanism, which typically eliminates the need for manual draining. Water automatically evaporates through the exhaust hose.

# Easy To Use At Home



Image 6.2: A diagram showing the internal mechanism of the drain-free self-evaporation system, where condensed water is automatically evaporated. A note indicates that drainage is required in extremely high humidity.

**Important Note:** If the unit is placed in a highly humid environment (e.g., kitchen, laundry room), manual draining may be required approximately every 8 hours. If the internal water tank becomes full, the unit will enter "HL" protection mode and display "HL" on the screen. To drain, unplug the unit, locate the drain plug at the back, and connect the provided drainage hose to drain the water into a suitable container.

## 7. TROUBLESHOOTING

Before contacting customer support, refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Unit does not turn on.	No power, power cord unplugged, circuit breaker tripped.	Ensure unit is plugged in, check power outlet, reset circuit breaker.

Problem	Possible Cause	Solution
Unit displays "HL" and stops operating.	Internal water tank is full.	Unplug the unit and manually drain the water using the drainage hose.
Insufficient cooling.	Air filter dirty, exhaust hose not properly installed, room too large, windows/doors open.	Clean air filter, ensure exhaust hose is sealed, close windows/doors, verify room size is within specifications.
Unit is noisy.	Unit not on a flat surface, fan speed too high.	Place unit on a level surface, select a lower fan speed or Sleep Mode.
Remote control not working.	Batteries dead or incorrectly inserted, obstruction between remote and unit.	Replace batteries, ensure clear line of sight to the unit's receiver.

## 8. PRODUCT SPECIFICATIONS

Feature	Detail
Brand	Tanoxo
Model Number	TAC-08CPD-C1
Cooling Capacity (ASHRAE)	12,000 BTU
Cooling Capacity (SACC)	8,000 BTU
Coverage Area	Up to 500 sq. ft.
Functions	Cooling, Fan, Dehumidifier
Dehumidifying Capacity	75 Pints/Day
Fan Speeds	3 (Low, Medium, High)
Noise Level (Sleep Mode)	48 dB
Timer	0.5 - 24 Hours
Refrigerant	R32
Voltage / Frequency	115V / 60Hz
Wattage	1060 watts
Annual Energy Consumption	180 Kilowatt Hours
Product Dimensions (W x H x D)	10.7" x 27.2" x 20.3"

Feature	Detail
Item Weight	68 pounds
Special Features	Child Lock, Dehumidifier, Fast Cooling, Remote Controlled, Sleep Mode, 360° Casters, Hidden Handles, Washable Filter

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## 9. WARRANTY INFORMATION

For detailed warranty information, please refer to the warranty card included with your product packaging or contact Tanoxo customer support directly. Warranty terms and conditions may vary.

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## 10. CUSTOMER SUPPORT

If you have any questions, require technical assistance, or need to report an issue, please contact Tanoxo customer support. Contact details can typically be found on the product packaging, the official Tanoxo website, or your purchase documentation.

For online resources, you may visit the [Tanoxo Store on Amazon](#).