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TCL 10P94C

TCL 10P94C Smart Series Portable Air Conditioner User Manual

Model: 10P94C

Important Safety Instructions

Please read all instructions carefully before operating your portable air conditioner. Keep this manual for future reference.

- Always plug the unit into a grounded 3-prong outlet. Do not remove the grounding prong.
- Do not operate the unit with a damaged cord or plug. If the supply cord is damaged, it must be replaced by the manufacturer or a qualified service agent.
- Do not use extension cords or adapter plugs.
- Unplug the air conditioner before cleaning or servicing.
- Do not block the air inlets or outlets. Ensure adequate clearance around the unit for proper airflow.
- Do not use the unit in wet areas such as bathrooms or laundry rooms.
- Keep children and pets away from the unit during operation.
- Do not attempt to repair or modify the unit yourself. Refer all servicing to qualified personnel.

Product Overview

The TCL 10P94C Smart Series Portable Air Conditioner is a versatile 3-in-1 unit designed to provide cooling, fan circulation, and dehumidification for your living space. Its compact design and integrated wheels allow for easy portability between rooms.




TCL

Front view of the TCL 10P94C Portable Air Conditioner, showcasing its sleek white design and top control panel.



Key features of the TCL 10P94C, highlighting its 3-in-1 functionality (Fan, AC, Dehumidifier), 10,000 BTU cooling capacity, coverage for up to 450 sq. ft., app and voice control, multiple fan speeds, 24-hour timer, LED display, quiet operation, and automatic restart.

Installation and Setup

Choosing the Right Location

Place the air conditioner on a flat, stable surface near a window and a grounded electrical outlet. Ensure there is at least

20 inches (50 cm) of clearance around the unit for proper air circulation.

Window Kit Installation

The included window kit is designed for most standard vertical or horizontal sliding windows. Follow these steps for installation:



Step-by-step guide for quick setup: Attach the inlet and outlet to the exhaust hose, connect the hose to the back of the AC unit, install the window slider kit, and plug in the unit.

1. **Step 1:** Attach the inlet and outlet adapters to either end of the exhaust hose.
2. **Step 2:** Connect the inlet side of the hose to the exhaust port at the back of your air conditioner.
3. **Step 3:** Attach the outlet adapter to the window slider kit. Adjust the window slider to fit your window opening and secure it. Place the window slider with the hose outlet into the window opening.
4. **Step 4:** Plug the power cord into a grounded electrical outlet.

Determining Cooling Capacity

To ensure optimal cooling performance, select the appropriate BTU capacity for your room size. The TCL 10P94C provides 10,000 BTU of cooling power, suitable for rooms up to 450 sq. ft.

Find the correct cooling capacity for your room

Find the corresponding cooling capacity that matches your desired area (square footage). Cooling capacity shown in British thermal units (BTU) per hour.

Area to be cooled (SQ. FT.)	Capacity Needed (BTU)
150 SQ. FT.	5,000
UP TO 250 SQ. FT.	6,000
UP TO 300 SQ. FT.	7,000
UP TO 350 SQ. FT.	8,000
UP TO 400 SQ. FT.	9,000
UP TO 450 SQ. FT.	10,000
UP TO 550 SQ. FT.	12,000
UP TO 700 SQ. FT.	14,000
UP TO 1000 SQ. FT.	18,000
UP TO 1200 SQ. FT.	21,000
UP TO 1400 SQ. FT.	23,000
UP TO 1500 SQ. FT.	24,000

Adjustment as necessary

Make any adjustments for the following circumstance:

i. If the room is heavily shaded, reduce capacity by 10 percent.
ii. If the room is very sunny, increase capacity by 10 percent.
iii. If more than two people regularly occupy the room, add 600 BTUs for each additional person.
iv. If the unit is used in a kitchen, increase capacity by 4,000 BTUs.

Reference table for selecting the correct cooling capacity based on room area, with additional adjustments for environmental factors like shade, sun exposure, occupancy, and kitchen use.

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i. If the room is heavily shaded, reduce capacity by 10 percent.
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Operating Your Air Conditioner

Control Panel and Remote

The unit can be controlled via the intuitive top-mounted control panel or the included remote control. The control panel features buttons for Power, Mode, Temperature Up/Down, Fan Speed, and Timer.



Detailed view of the control panel on top of the unit, indicating the functions of each button: Timer, Fan Speed (Low/Medium/High), Temperature Adjustment (Up/Down), Mode selection (Cool/Fan/Dry), and Power (On/Off).

Operating Modes

- **Cool Mode:** Provides powerful cooling. Set your desired temperature using the Temp Up/Down buttons.
- **Fan Mode:** Circulates air without cooling. Choose from multiple fan speeds (Low, Medium, High).
- **Dehumidifier Mode:** Reduces moisture in the air. The unit will automatically manage humidity levels.

Smart Features (App & Voice Control)

Enhance your comfort with the TCL Home app and voice control capabilities. Connect your unit to your home Wi-Fi network to enable these features.



The TCL portable air conditioner providing comfortable cooling in a living room setting, demonstrating its quiet operation and effective cooling for a relaxed environment.

- **App Control:** Download the TCL Home app to your smartphone. Follow the in-app instructions to pair your air conditioner. Once paired, you can control the unit from anywhere, adjust temperature, change modes, set schedules, and monitor its status.
- **Voice Control:** The unit is compatible with Alexa and Google Assistant. Link your TCL Home account to your preferred voice assistant. Use simple voice commands to turn the unit on/off, adjust temperature, or change modes.



A hand holding a smartphone showing the TCL Home app, illustrating how to control the portable air conditioner remotely and adjust settings like temperature.

Maintenance

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

Filter Cleaning

The washable and reusable filter helps protect the unit and reduces airborne particles. Clean the filter every two weeks or more frequently depending on usage and air quality.

1. Unplug the air conditioner from the power outlet.

2. Locate and remove the air filter from the back or side of the unit.
3. Wash the filter under running water (warm, soapy water if heavily soiled).
4. Allow the filter to air dry completely before reinserting it into the unit.

Storage

If storing the unit for an extended period, ensure it is completely drained of any accumulated water. Clean the filter, cover the unit to protect it from dust, and store it in a dry, cool place.

Troubleshooting

Before contacting customer support, try the following troubleshooting steps for common issues:

Problem	Possible Cause	Solution
Unit does not turn on.	No power; Power cord not fully plugged in; Circuit breaker tripped.	Check power outlet; Ensure plug is secure; Reset circuit breaker.
Unit is not cooling effectively.	Air filter is dirty; Room size too large; Windows/doors open; Exhaust hose not properly installed.	Clean air filter; Ensure unit matches room size; Close windows/doors; Check exhaust hose connection.
Water leakage.	Drain plug not properly sealed; Unit is not level.	Ensure drain plug is secure; Place unit on a level surface.
Unit is noisy.	Unit not on a level surface; Obstruction in fan.	Ensure unit is level; Check for and remove any obstructions.

Specifications

Detailed technical specifications for the TCL 10P94C Portable Air Conditioner:

Feature	Detail
Model Number	10P94C
Cooling Power	10,000 British Thermal Units (BTU)
Recommended Floor Area	Up to 450 Square Feet

Feature	Detail
Product Dimensions (D x W x H)	15.59 x 17.72 x 29.33 inches
Item Weight	74.6 pounds
Voltage	115V
Noise Level	52 dB
Special Feature	Dehumidifier
Color	White
Included Components	Remote, Remote Control Batteries, Quick Start Guide, Exhaust Hose, Exhaust Hose inlet and outlet, Window Kit



Dimensional overview of the TCL 10P94C unit, indicating its width, depth, and height for placement planning.

Warranty and Support

Warranty Information

The TCL 10P94C Smart Series Portable Air Conditioner comes with a**1-year limited warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty service, please contact TCL Customer Support. Refer to the Quick Start Guide included with your product for specific contact details or visit the official TCL support website.

Online Support: Visit the TCL support website for FAQs, digital manuals, and contact options.

Phone Support: Check your product documentation for the customer service phone number.

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