

TECXERLLON PAC-15KWS

TECXERLLON PAC-15KWS 15,000 BTU Portable Air Conditioner
User Manual

Model: PAC-15KWS

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your TECXERLLON PAC-15KWS 15,000 BTU Portable Air Conditioner. Please read these instructions thoroughly before installation and use, and retain them for future reference.

The TECXERLLON PAC-15KWS is a versatile 4-in-1 unit designed to provide cooling, dehumidification, fan operation, and a sleep mode for rooms up to 800 sq. ft. It features a self-evaporating system to minimize manual draining and operates at a quiet 48dB in sleep mode.

2. SAFETY INFORMATION

- Ensure the unit is placed on a flat, stable surface to prevent tipping.
- Always plug the unit into a grounded 120V/15A electrical outlet. Do not use extension cords or adapter plugs.
- Keep the air intake and exhaust vents clear of obstructions to ensure proper airflow and prevent overheating.
- Do not insert objects into the air vents.
- Unplug the unit before cleaning or performing any maintenance.
- Do not operate the unit with a damaged power cord or plug.
- This appliance is filled with flammable gas R-32. Refer to the warning label on the unit for safe handling and disposal.
- Keep children and pets away from the unit during operation.

3. PRODUCT OVERVIEW

3.1 Components Included

The package includes the following items:

- 1 Portable Air Conditioner Unit
- 1 Window Installation Kit
- 1 Exhaust Hose
- 1 Hose Connector
- 1 Window Kit Adapter
- 1 Water Drain Pipe
- 1 Remote Control
- 1 User Manual (this document)
- 1 Quick Start Guide



Figure 3.1: Included Components and Unit Dimensions

3.2 Key Features

- **Cooling Capacity:** 15,000 BTU, suitable for rooms up to 800 sq. ft.
- **4-in-1 Functionality:** Cooling, Dehumidifier, Fan, and Sleep modes.
- **Quiet Operation:** As low as 48dB in Sleep Mode.
- **Self-Evaporating System:** Reduces the need for manual draining in most conditions.
- **Control Options:** LED touch panel and full-function remote control.
- **Adjustable Temperature:** Range from 61°F to 90°F.
- **Airflow:** 350 CFM with 3 adjustable fan speeds and wide-angle auto-swing.
- **Portability:** Side handles and 360° caster wheels for easy movement.



Figure 3.2: 4-in-1 Comfort Modes

Self-Evaporating System

Less Frequent Draining in Most Conditions



Figure 3.3: Self-Evaporating System Principle

4. SETUP AND INSTALLATION

Follow these steps to properly set up your portable air conditioner.

4.1 Window Kit Installation

The included window installation kit is designed for most horizontal sliding windows and single/double-hung windows. Ensure your window opening is between 25.6 and 50.0 inches wide.

1. Assemble the window panel by sliding the screw card into Panel B's slot, adjusting to the correct length, and tightening the screws to secure it.
2. Place the assembled window panel into the window opening.
3. Close the window securely against the panel.

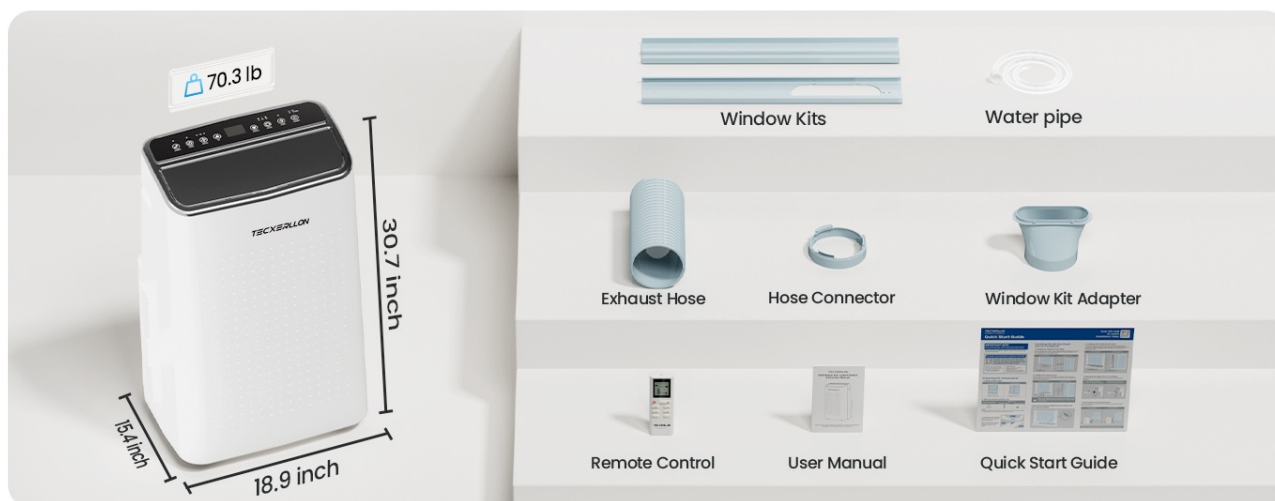


Figure 4.1: Suitable Window Types and Dimensions

4.2 Exhaust Hose Connection

1. Stretch the vent hose to its full length (approximately 6 inches/15cm).
2. Rotate the vent hose into the exhaust nozzle in a clockwise direction.
3. Connect the window kit adapter to the other end of the exhaust hose.
4. Attach the hose connector to the exhaust air outlet of the AC unit.
5. Slide the window kit adapter into the window panel, ensuring it is fully locked.
6. Plug the unit into a power outlet, switch it on, and adjust the mode.



Figure 4.2: Exhaust Hose Installation Steps

4.3 Window Kit Installation Tutorial Video

Your browser does not support the video tag.

Video 4.1: This video provides a visual guide on how to install the window kit for the TEEXERLLON portable air conditioner, demonstrating each step for a secure setup.

4.4 Drain Hose Connection (for continuous drainage)

While the unit features a self-evaporating system, in highly humid conditions or for continuous dehumidification, connecting the included drain hose is recommended. Attach the drain pipe to the designated drain outlet on the back of

the unit and direct it to a suitable drain or bucket.

5. OPERATING INSTRUCTIONS

Your portable air conditioner can be controlled via the LED touch panel on the unit or the included remote control.

5.1 Control Panel and Remote Control

The control panel features various buttons for power, mode selection, fan speed, temperature adjustment, and timer settings. The remote control offers the same functionality from a distance of up to 23 feet.



Figure 5.1: Control Features Overview

5.2 Operating Modes

- **Cooling Mode:** Provides powerful cooling for your room. Set your desired temperature between 61°F and 90°F.
- **Dehumidifier (Dry) Mode:** Removes up to 100 pints of moisture per day to reduce humidity. Connect the drain hose for continuous operation in this mode.
- **Fan Mode:** Circulates air without cooling. Choose from 3 adjustable fan speeds.
- **Sleep Mode:** Gradually adjusts airflow and compressor activity for quieter, more comfortable nighttime operation. This mode is only available in Cooling Mode.



Figure 5.2: Cooling Mode Operation

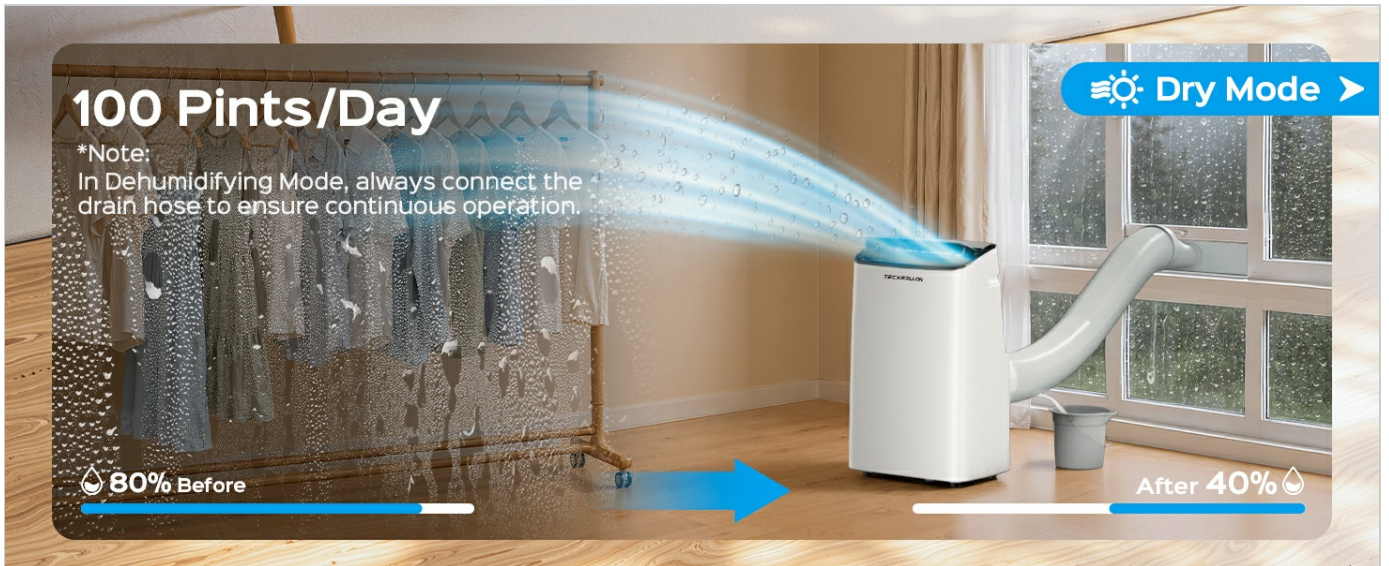


Figure 5.3: Dehumidifier (Dry) Mode Operation

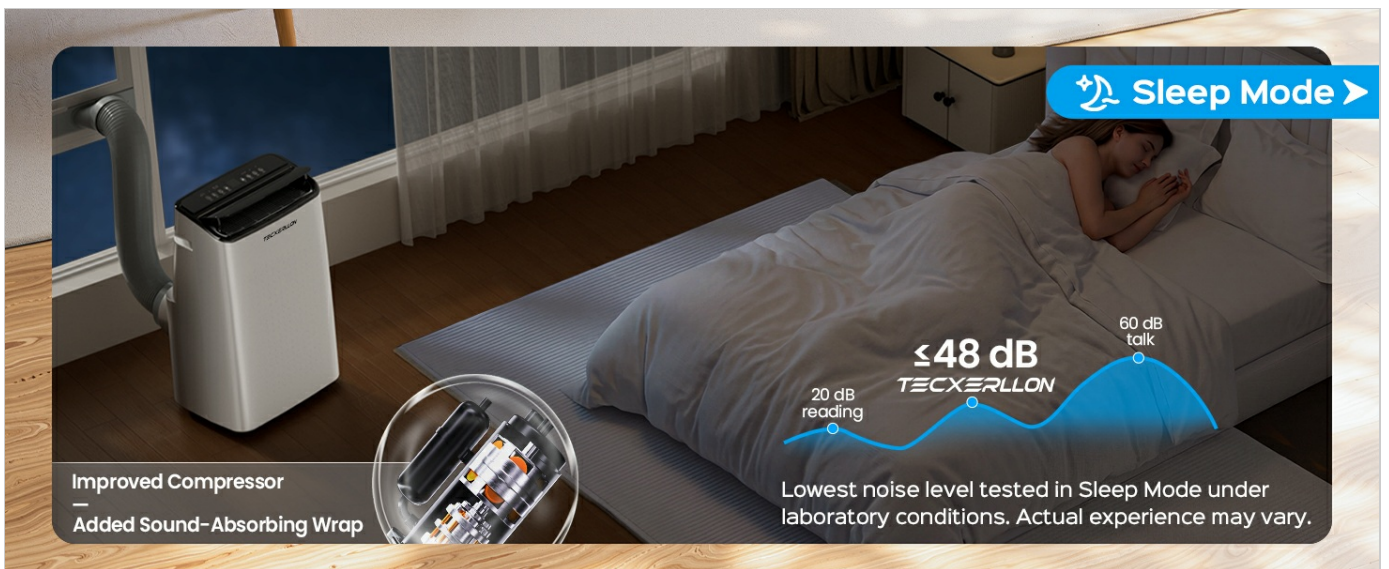


Figure 5.4: Sleep Mode Operation



Figure 5.5: Fan Mode Operation

5.3 Timer Function

The 24-hour timer allows you to program the unit to turn on or off automatically at a set time, enhancing convenience and energy efficiency.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your air conditioner.

6.1 Filter Cleaning

The unit is equipped with a high-density washable mesh filter. Clean the filter regularly (every two weeks or as needed) to maintain air quality and cooling efficiency.

- 1. Unplug the air conditioner from the power outlet.
- 2. Remove the filter from its housing.
- 3. Wash the filter with warm, soapy water. Rinse thoroughly.
- 4. Allow the filter to air dry completely before reinserting it into the unit. Do not use a dryer or direct heat.

6.2 Draining

The self-evaporating system typically handles condensation. However, if the unit displays a "Full Water" indicator or if operating in high humidity, manual draining may be required.

- 1. Turn off the unit and unplug it.
- 2. Place a shallow pan or bucket under the drain outlet at the bottom rear of the unit.
- 3. Remove the drain plug to allow water to flow out.
- 4. Once drained, replace the drain plug securely.

6.3 Storage

If storing the unit for an extended period:

- 1. Ensure all water is drained from the unit.
- 2. Clean the air filter.
- 3. Store the unit in an upright position in a cool, dry place.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Unit does not turn on	No power; Power cord unplugged; Circuit breaker tripped	Check power connection; Reset circuit breaker
Unit does not cool effectively	Air filter dirty; Exhaust hose not properly installed; Room too large; Doors/windows open	Clean air filter; Ensure exhaust hose is sealed; Close doors/windows; Consider room size

Problem	Possible Cause	Solution
Water leakage	Drain plug loose; Unit not level; Drain hose clogged	Tighten drain plug; Place unit on a level surface; Clear drain hose
Noisy operation	Unit not level; Fan obstruction	Ensure unit is level; Check for obstructions in fan area

8. SPECIFICATIONS

Feature	Detail
Brand	TECXERLLON
Model Name	PAC-15KWS
Cooling Power	15,000 BTU
Coverage Area	Up to 800 sq. ft.
Dehumidification Capacity	100 pints/day
Noise Level	48 dB (in Sleep Mode)
Temperature Range	61°F - 90°F
Voltage	120 volts
Wattage	1340 watts
Refrigerant	R-32
Product Dimensions (D x W x H)	15.4" x 18.9" x 30.7"
Item Weight	70.4 pounds
Control Method	Remote, Touch
Filter Type	Mesh Filter

9. WARRANTY AND SUPPORT

9.1 Product Warranty

- **1-Year Overall Unit Protection:** Covers the entire unit against manufacturing defects.
- **3-Year Compressor Warranty:** Covers the compressor component for an extended period.

Please retain your proof of purchase for warranty claims.

9.2 Customer Support

For any questions, technical assistance, or warranty inquiries, please contact TECXERLLON U.S. support:

- **Phone Support:** (888) 988-5151
- **Email:** support@tecxerllon.com

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