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Lxlu Utor-RKY20-N4-3

Lxlu Portable Air Conditioner User Manual

MODEL: UTOR-RKY20-N4-3

Introduction	Safety Information	Package Contents	Product Overview	Setup & Installation
Operating Instructions	Maintenance	Troubleshooting	Specifications	Warranty & Support

1. Introduction

Thank you for choosing the Lxlu Portable Air Conditioner, Model Utor-RKY20-N4-3. This unit is designed to provide efficient cooling, dehumidification, and fan functions for your indoor spaces. With 16,000 BTU cooling power, auto oscillation, and a 24-hour timer, it offers versatile climate control. Please read this manual thoroughly before operation to ensure proper use, maintenance, and safety.

2. Safety Information

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

- Read all instructions before using the appliance.
- Connect to a properly grounded outlet only.
- Do not operate the unit with a damaged cord or plug.
- Do not block air outlets or inlets.
- Keep children and pets away from the unit during operation.
- Unplug the unit before cleaning or servicing.
- Do not use in wet areas like bathrooms.
- Ensure the unit is placed on a flat, stable surface.

3. Package Contents

Verify that all components are present in the package:

- Portable Air Conditioner (1 unit)
- User Manual (1 copy)
- Remote Control (1 unit)
- Exhaust Hose (1 unit)
- Hose Connector (1 unit)
- Window Slider Kit (1 set)
- Adapter (1 unit)
- Drain Pipe (1 unit)

4. Product Overview

The Lxlu Portable Air Conditioner is a versatile unit offering multiple functions for your comfort. It features a compact design with smooth-rolling wheels for easy mobility.



Figure 4.1: Lxlu Portable Air Conditioner unit with included remote control and a depiction of its smartphone app interface.

Key Features:

- **6-in-1 Functionality:** Cooling, Fan, Dehumidifying, Sleep, Normalcy, Heat Production (Note: 'Heat Production' might be a mistranslation, typically these units offer Cooling, Fan, Dehumidify, and sometimes Auto/Sleep modes. Please refer to the control panel for exact modes).
- **16,000 BTU Cooling Power:** Effectively cools areas up to 700 sq.ft.

- **Auto Oscillation:** Distributes air evenly.
- **24-Hour Timer:** Program operation for convenience and energy saving.
- **Low Noise Operation:** Operates at approximately 45 Decibels.
- **Digital Remote Control:** For convenient operation from a distance.
- **WiFi Enabled:** For smart control via a mobile application.



Figure 4.2: Overview of the 6 operational modes and 3 fan speeds available on the unit.

5. Setup & Installation

Proper installation is crucial for the efficient operation of your portable air conditioner. Ensure the unit is placed on a level surface near a window and a grounded electrical outlet.

5.1 Exhaust Hose Installation:

1. Attach the hose connector to one end of the exhaust hose by twisting it clockwise until secure.
2. Attach the adapter to the other end of the exhaust hose.
3. Insert the hose connector into the exhaust outlet on the back of the air conditioner unit.

5.2 Window Slider Kit Installation:

The window slider kit is designed for both horizontal and vertical sliding windows.

1. Measure the window opening and adjust the window slider kit to fit securely.
2. Place the adjusted window slider kit into the window opening.
3. Connect the adapter end of the exhaust hose to the opening in the window slider kit. Ensure a tight seal to prevent hot air from entering the room.
4. Close the window firmly against the slider kit to secure it in place.



Figure 5.1: Visual guide for easy installation of the exhaust hose and window kit.

5.3 Drainage Setup (Dehumidifier Mode):

When operating in dehumidifier mode, or if the internal water tank becomes full during cooling, the unit will require drainage. Connect the provided drain pipe to the drainage outlet on the unit and direct it to a suitable container or floor drain.

6. Operating Instructions

Your portable air conditioner can be operated using the control panel on the unit or the included remote control. It also supports WiFi connectivity for control via a smartphone app.

6.1 Control Panel & Remote Control:

Refer to the diagrams in the remote control section of this manual (or on the unit itself) for specific button functions such as Power, Mode, Fan Speed, Timer, Temperature Up/Down, and Oscillation.

6.2 Operating Modes:

- **Cooling Mode:** Select this mode for active cooling. Set your desired temperature using the Up/Down buttons. The unit will cool until the room reaches the set temperature.
- **Fan Mode:** Circulates air without cooling. Choose from Low, Automation (Auto), or High fan speeds.
- **Dehumidifying Mode:** Reduces moisture in the air. The unit will extract humidity, and water will collect internally or drain via the pipe.



Figure 6.1: Illustration of the unit's high-efficiency dehumidification capability, reducing humidity from 80% to 40%.

- **Sleep Mode:** Operates quietly with reduced fan speed and gradually increases the set temperature over time for comfortable sleep.
- **Auto Mode:** The unit automatically selects the operating mode (Cooling, Fan, or Dehumidifying) based on the ambient room temperature.

6.3 Timer Function:

Press the Timer button to set the desired operating duration (1-24 hours) for automatic power on or off.

6.4 WiFi Connectivity:

The unit is WiFi enabled, allowing control via a smartphone application. Refer to the separate WiFi setup guide (if provided) or the app's instructions for pairing your device.



Figure 6.2: The unit provides advanced powerful cooling for spaces up to 700 sq.ft.

7. Maintenance

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

7.1 Cleaning the Air Filter:

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

1. Unplug the unit from the power outlet.

2. Locate and remove the air filter from the back or side of the unit.
3. Wash the filter with warm, soapy water. Rinse thoroughly and allow it to air dry completely before reinstalling.
4. Reinsert the dry filter into the unit.

7.2 Draining Accumulated Water:

The unit has an internal water collection tank. When full, the unit may stop operating and display an indicator. Drain the water using the provided drain pipe as described in Section 5.3.

7.3 Cleaning the Unit Exterior:

Wipe the exterior with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.

7.4 Storage:

If storing the unit for an extended period, ensure it is completely drained of water, cleaned, and stored in a dry, upright position.

8. Troubleshooting

Before contacting customer support, please 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; Full water tank.	Check power connection; Reset circuit breaker; Drain water tank.
Unit does not cool effectively	Air filter dirty; Exhaust hose not properly installed/sealed; Room too large; Doors/windows open; Temperature setting too high.	Clean air filter; Ensure exhaust hose is sealed; Close doors/windows; Lower temperature setting.
Unit is noisy	Unit not on a level surface; Obstruction in fan; Filter dirty.	Place on a level surface; Check for obstructions; Clean filter.
Water leakage	Drain plug loose; Drain pipe clogged or improperly connected.	Ensure drain plug is secure; Check drain pipe for clogs and proper connection.
Remote control not working	Batteries dead or incorrectly inserted; Obstruction between remote and unit.	Replace batteries; Ensure clear line of sight.

9. Specifications

Feature	Detail
Brand	Lxlu
Model Info	Utor-RKY20-N4-3
Item Weight	42 pounds
Product Dimensions	12.5 x 11.5 x 26 inches
Cooling Capacity	16000 British Thermal Units (BTU)
Coverage Area	700 Cubic Feet (approx. 700 sq.ft.)
Noise Level	45 Decibels
Voltage	120 Volts (AC)
Wattage	771 watts
Annual Energy Consumption	578 Kilowatt Hours Per Year
Special Features	Child Lock, Fast Cooling, Sleep Mode, WiFi Enabled
Installation Type	Portable
Color	White

10. Warranty & Support

This Lxlu Portable Air Conditioner is covered by a manufacturer's warranty. Please refer to the warranty card included in your package for specific terms and conditions, including the warranty period and coverage details. For technical support, troubleshooting assistance beyond this manual, or warranty claims, please contact Lxlu customer service through the retailer where the product was purchased or visit the official Lxlu website for contact information.