Lxlu Utor-RKY20-N4-4

Lxlu Portable Air Conditioner User Manual

Model: **Utor-RKY20-N4-4**

Your comprehensive guide to setup, operation, and maintenance.

1. Introduction

Thank you for choosing the Lxlu Portable Air Conditioner. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your new appliance. Please read this manual thoroughly before use and retain it for future reference.



Figure 1.1: Lxlu Portable Air Conditioner (Model Utor-RKY20-N4-4) with remote and app interface.

2. Important Safety Instructions

To reduce the risk of fire, electrical shock, or injury when using your air conditioner, follow these basic precautions:

- 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 openings.
- Do not use in wet areas or near water.
- Always unplug the unit before cleaning or servicing.
- Keep children away from the appliance.

3. Product Overview and Components

The Lxlu Portable Air Conditioner is designed for efficient cooling and dehumidification. It features a compact design with easy mobility.

3.1 Key Features

- **16,000 BTU Cooling Capacity:** Provides powerful cooling for areas up to 700 sq.ft.
- **Multi-functional:** Operates as an air conditioner, dehumidifier, and fan.
- **Quiet Operation:** Noise level as low as 42 dB.
- **Smart Control:** Features a touch control panel, remote control, and Smart Life app compatibility.
- **Safety Features:** Includes auto shut-off protection when the water tank is full and a child lock.
- **Easy Mobility:** Equipped with 360-degree wheels and a hidden handle.



Figure 3.1: Main components of the Lxlu Portable Air Conditioner.

1. Superstructure
2. Control panel
3. Air intake
4. Air outlet
5. Lighting Display Board
6. Coil winding
7. Strainer
8. Water blockage
9. Exhaust vent
10. Metal netting

3.2 What's in the Box?



Figure 3.2: Included accessories for installation and operation.

- Exhaust Hose
- Adapter
- Hose Connector
- Drain Pipe
- Slider Kit (for window installation)
- User Manual
- Remote Control

4. Setup and Installation

Proper installation is crucial for the efficient operation of your portable air conditioner. This unit is designed for window installation.

4.1 Choosing a Location

- Place the unit on a flat, stable surface.
- Ensure there is at least 20 inches of space around the unit for proper airflow.
- Locate near a window for exhaust hose installation.

4.2 Window Kit Installation

The included window slider kit allows for installation in both vertical and horizontal sliding windows.

1. Assemble the window slider kit to fit your window opening.
2. Insert the exhaust hose into the adapter and then into the window kit opening.
3. Connect the other end of the exhaust hose to the exhaust vent on the back of the air conditioner.
4. Ensure all connections are secure to prevent hot air from re-entering the room.



Figure 4.1: Illustration of exhaust hose installation for efficient cooling.

5. Operating Instructions

Your Lxlu Portable Air Conditioner offers multiple modes and control options for optimal comfort.

5.1 Control Panel and Remote Control

The unit can be controlled via the touch control panel on top of the unit or the included remote control. The lighting display board provides visual feedback on settings.



Figure 5.1: Touch Control Panel for easy adjustments.

5.2 Operating Modes and Fan Speeds

The unit features 6 operating modes and 3 fan speeds:



Figure 5.2: Available operating modes and fan speed settings.

- **Modes:**
  - **Automatic Operation:** The unit intelligently selects cooling or fan mode based on room temperature.
  - **Cooling:** Provides powerful air conditioning.
  - **Dehumidify:** Removes excess moisture from the air.
  - **Water Full Stop Function:** Automatically stops operation when the water tank is full.
  - **Sleep:** Operates quietly with adjusted settings for comfortable sleep.
  - **Normalcy:** Standard fan operation.
- **Fan Speeds:** Low, High, Automation.

5.3 Intelligent Automatic Function

The controller determines the optimal operation mode (Fan or Cooling) based on the indoor temperature:

- If indoor temperature is ≤ 26°C (78.8°F), the unit operates in Fan mode (recommended 23°C ≤ indoor temperature ≤ 26°C).

- If indoor temperature is ≥ 26°C (78.8°F), the unit operates in Cooling mode.



Figure 5.3: Automatic mode selection based on ambient temperature.

5.4 Dehumidification Function

The unit effectively reduces humidity levels, contributing to a more comfortable environment and preventing mold and odor.



Figure 5.4: Dehumidification capability of the unit.

5.5 Smart Life App Control

Control your Lxlu Portable Air Conditioner remotely using the Smart Life application on your smartphone. Refer to the app's instructions for pairing and advanced features.



Figure 5.5: Remote control via the Smart Life app.

6. Maintenance and Care

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

6.1 Cleaning the Air Filter

The air filter should be cleaned every two weeks or more frequently depending on usage and air quality. A dirty filter can reduce efficiency.

1. Unplug the air conditioner from the power outlet.
2. Locate and remove the air intake filter (refer to Figure 3.1, component 3).
3. Wash the filter with warm, soapy water. Rinse thoroughly.
4. Allow the filter to air dry completely before reinserting.

6.2 Draining the Water Tank

The unit has an auto shut-off protection when the internal water tank is full. When the water full indicator light is on, the unit will stop operating. You must drain the water before restarting.



Figure 6.1: Water full indicator and draining process.

1. When the water full indicator light is on, all keys will be invalid.
2. Locate the drain pipe/water blockage point (refer to Figure 3.1, component 8).
3. Place a suitable container under the drain outlet.
4. Remove the drain plug to allow water to flow out.
5. Once drained, replace the drain plug securely.
6. Reboot the machine to resume normal operation.

6.3 Storage

When storing the unit for an extended period, ensure it is completely drained and cleaned. Store in a dry, cool place, covered to protect from dust.

7. Troubleshooting

Before contacting customer service, please 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.	Dirty air filter, blocked air intake/outlet, room too large, exhaust hose not properly installed, doors/windows open.	Clean air filter, ensure clear airflow, check room size, secure exhaust hose, close doors/windows.
Water full indicator light is on.	Internal water tank is full.	Drain the water tank as per Section 6.2.
Unit is noisy.	Unit not on a level surface, fan obstruction.	Place on a level surface, check for obstructions in fan area.

8. Specifications

Feature	Detail
Brand	Lxlu
Model Name	Utor-RKY20-N4-4
Color	White-A
Product Dimensions (D x W x H)	12"D x 11"W x 26"H
Item Weight	42 Pounds
Special Feature	Fast Cooling
Noise Level	42 dB
Wattage	850 watts
Voltage	120 Volts
Installation Type	Window
ASIN	B0FJB7YLZQ
Date First Available	July 21, 2025

9. Warranty and Customer Support

For warranty information or technical support, please contact Lxlu customer service. Details regarding your product's specific warranty period and terms can typically be found on the product packaging or the manufacturer's official website.
For assistance, please visit the official Lxlu store on Amazon:Lxlu Store

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