MERXENG Ob57h-Z9ZSEss6YV3ctjYQ0l

MERXENG 14,000 BTU Portable Air Conditioner User Manual

Model: Ob57h-Z9ZSEss6YV3ctjYQ0l

1. IMPORTANT SAFETY INSTRUCTIONS

Read all instructions carefully before using the appliance. Keep this manual for future reference.

- 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.
- Do not block air inlets or outlets.
- Always place the unit on a flat, stable surface.
- Unplug the unit before cleaning or servicing.
- Do not use chemical solvents to clean the unit.
- Keep children away from the unit.
- Do not insert objects into the air outlets.
- This appliance is for indoor use only.

2. PRODUCT OVERVIEW

The MERXENG 14,000 BTU Portable Air Conditioner is a versatile 3-in-1 unit designed for cooling, dehumidifying, and fan operation. It is suitable for spaces up to 750 sq. ft.

Image 2.1: The MERXENG portable air conditioner unit shown with its remote control.

Key Features:

- **Cooling Capacity:** 14,000 BTU, effective for areas up to 750 sq. ft.
- **3-in-1 Functionality:** Cooling, Fan, and Dehumidifier modes.
- **Adjustable Temperature:** Range of 64°F - 90°F.
- **Low Noise Operation:** Operates quietly at approximately 48dB.
- **24-Hour Timer:** Programmable on/off times.
- **Sleep Mode:** Designed for quiet operation during rest.
- **Remote Control:** For convenient operation from a distance.
- **Portability:** Equipped with 360° heavy-duty wheels and hidden handles.
- **Washable Filter:** Removable and washable for easy maintenance.

14,000 BTU
PORTABLE AIR CONDITIONER

Cooling Capacity (AHRAE)	14,000 Btu / h
Cooling Capacity (SACC)	10,500 Btu / h
CEER	7.9 Btu / Wh
Rated Input Current	9.2A
Power Supply	115V 60Hz
Fan Speeds(Cool/Fan/Dry)	2
Dry Capacity	48L / Day
Working Temperature	64°F - 90°F
Dimension	16.5"D x 14"W x 27.6"H

How to Choose the Right Sizefor Your Home?

350-450 Sg.ft
10000 BTU
Medium spaceseg:
Master Bedroom,
Kitchen,Dining area

450-750 Sg.ft
140000 BTU
Large spaceseg:
Living room,
Dining area

Image 2.2: Overview of the air conditioner's cooling capacity (14000 BTU, 64-90°F), cooling area (550-750 sq. ft.), airflow (450m³/hour), and dehumidification effect (48L/day).

3. SETUP & INSTALLATION

Follow these steps for proper installation of your portable air conditioner.

Unpacking:

Carefully remove the unit and all accessories from the packaging. Ensure all components listed in the "Included Components" section are present.

Included Components:

- 1 x Portable Air Conditioner Unit
- 1 x Remote Control
- 1 x User Guide (this manual)
- 1 x Exhaust Hose
- 1 x Hose Inlet Adapter
- 1 x Hose Outlet Adapter
- 1 x Window Sealing Kit (adjustable window slider)
- Batteries for Remote Control

Installation Accessories

Image 3.1: Illustration of the included installation accessories: Exhaust Hose, Hose Inlet, Hose Outlet, Window Slider Kit, Remote Control, and Batteries.

Window Kit Installation Steps:

1. **Connect Hose Connector:** Connect one end of the exhaust hose to the hose inlet adapter.
2. **Connect Window Kit Adapter:** Connect the other end of the exhaust hose to the hose outlet adapter, which then connects to the window kit.
3. **Extend Window Kit:** Adjust the window sealing kit to fit the length of your window opening. It is compatible with most vertical and horizontal windows.
4. **Attach Hose to Unit:** Attach the hose inlet adapter (with the exhaust hose) to the exhaust air outlet of the air conditioner unit.
5. **Insert Hose into Window Kit:** Extend the exhaust hose and insert the hose outlet adapter into the opening of the window sealing kit.
6. **Power On:** Plug in the power cord, turn on the air conditioner, adjust the mode and temperature.
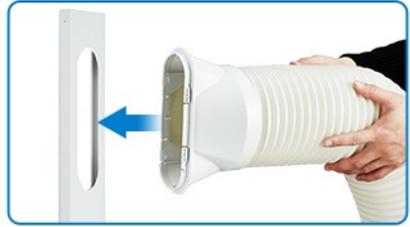
Easy to Install

Step 1: Connect the hose connector to one end of the exhaust hose.

Step 2: Connect the window kit adapter to the other end of the exhaust hose.

Step 3: Extend the adjustable window kit to the length of your window.

Step 4: Attach the hose connector to the exhaust air outlet of the unit.

Step 5: Extend the exhaust hose and insert it into the window kit.

Step 6: Plug in power,turn on the air conditioner,adjust the mode, and you can start enjoying the summer.

Image 3.2: Visual guide for the 6-step installation process of the exhaust hose and window kit.

Placement Considerations:

- Place the unit on a level floor.
- Ensure there is at least 20 inches (50 cm) of space around the unit for proper airflow.
- The exhaust hose should be as short and straight as possible to maximize efficiency.

4. OPERATING INSTRUCTIONS

Your MERXENG portable air conditioner offers multiple operating modes and settings for optimal comfort.

Control Panel and Remote Control:

The unit features an easy-to-read LED display on the control panel. All functions can also be controlled via the included remote control.

Image 4.1: The remote control for the MERXENG portable air conditioner, showing various buttons for mode, temperature, and fan speed adjustments.

Operating Modes:

- **Cooling Mode:** Provides powerful cooling. Set your desired temperature between 64°F and 90°F.
- **Fan Mode:** Circulates air without cooling. Choose from multiple fan speeds.
- **Dehumidify Mode:** Removes excess moisture from the air, with a capacity of up to 90 pints/day.

Image 4.2: Visual representation of the three operating modes: Cooling, Dehumidifying, and Fan.

Additional Functions:

- **Timer Function:** Set the unit to turn on or off automatically within a 1-24 hour period.
- **Sleep Mode:** Activates quiet operation and gradually adjusts temperature for comfortable sleep.
- **Auto Swing:** The air louvers automatically swing to distribute air evenly.
- **Follow Me Function (Remote Control):** The remote control has a built-in temperature sensor. When activated, the unit will adjust its operation based on the temperature detected at the remote's location.

Image 4.3: Depiction of the low noise level (48dB), Sleep Mode, 24-hour Timer, and Auto Shut Off features for quiet and convenient operation.

5. MAINTENANCE

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

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:** Always disconnect the power supply before cleaning.
2. **Remove Filter:** Locate the air filter panel (usually on the back or side) and carefully remove it.
3. **Clean Filter:** Wash the filter under running water (preferably warm, not hot) with a mild detergent. Gently brush away any accumulated dust or debris.
4. **Dry Filter:** Allow the filter to air dry completely before re-installing. Do not expose to direct sunlight or use a dryer.
5. **Re-install Filter:** Once dry, carefully place the filter back into its slot.

Image 5.1: A hand demonstrating the removal of the air filter from the unit.

Image 5.2: A hand washing the air filter under a faucet.

Draining Water:

The unit has a self-evaporative system, but in high humidity conditions, the internal water tank may fill up. When this happens, the unit will stop operating and display an error code (refer to troubleshooting). You will need to drain the accumulated water.

1. **Unplug the Unit:** Disconnect from power.
2. **Position for Draining:** Move the unit to a location where water can be drained, such as a floor drain or a large shallow pan.
3. **Remove Drain Plug:** Locate the drain plug at the bottom rear of the unit and carefully remove it.
4. **Drain Water:** Allow all water to drain out.
5. **Replace Drain Plug:** Once drained, securely replace the drain plug.

Storage:

If storing the unit for an extended period:

- Drain all accumulated water.
- Clean the air filter.
- Run the unit in fan-only mode for a few hours to dry the internal components.
- Unplug the power cord and wrap it neatly.
- Store the unit in a cool, dry place, away from direct sunlight.

6. 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.	Check power connection, reset circuit breaker.
Unit does not cool effectively.	Windows/doors open, room too large, air filter dirty, exhaust hose not properly installed, temperature setting too high.	Close windows/doors, ensure room size is within capacity, clean air filter, check exhaust hose installation, lower temperature setting.
Unit is noisy.	Unit not on a level surface, internal components vibrating.	Ensure unit is on a flat surface. If noise persists, contact support.
Water leakage.	Drain plug loose, internal water tank full (in high humidity).	Check drain plug, drain water from the unit.
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.

7. SPECIFICATIONS

Technical details for the MERXENG 14,000 BTU Portable Air Conditioner.

Feature	Detail
Model Number	Ob57h-Z9ZSEss6YV3ctjYQ0l
Cooling Power	14,000 BTU
Cooling Area	Up to 750 sq. ft.
Operating Modes	Cool, Fan, Dehumidify
Dehumidification Capacity	90 pints/day (48L/day)
Temperature Range	64°F - 90°F
Noise Level	48 dB
Voltage	115V
Power Source	Corded Electric
Product Dimensions (D x W x H)	17.72" x 15.55" x 33.86"
Item Weight	65.9 pounds
Special Features	Removable Washable Filter, Portable, Digital Display, Timer, Built-In Wheels, Auto Swing

8. Warranty Information

This MERXENG portable air conditioner comes with a **2-Year 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.

The warranty does not cover damage resulting from:

- Improper installation or operation.
- Accidental damage, misuse, or abuse.
- Unauthorized repairs or modifications.
- Normal wear and tear.

For detailed warranty terms and conditions, please refer to the official MERXENG website or contact customer support.

9. Customer Support

If you have any questions, require technical assistance, or need to make a warranty claim, please contact MERXENG customer support.

For the most up-to-date contact information, please visit the official MERXENG store on Amazon or their official website.

Online Support: Visit the MERXENG Store on Amazon

When contacting support, please have your model number (Ob57h-Z9ZSEss6YV3ctjYQ0l) and proof of purchase readily available.