

PHILODECO YD8000BTU

PhiloDeco Portable Air Conditioner YD8000BTU User Manual

Model: YD8000BTU

1. INTRODUCTION

Thank you for choosing the PhiloDeco Portable Air Conditioner YD8000BTU. 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.

2. SAFETY INSTRUCTIONS

To prevent injury to the user or other people and property damage, the following instructions must be followed. Incorrect operation due to ignoring instructions may cause harm or damage.

- **Initial Setup:** Before using the portable air conditioner for the first time, allow it to stand upright for at least 5 hours. This allows the refrigerant pressure in the compressor to stabilize, ensuring proper function and longevity.
- **Power Supply:** Ensure the voltage and frequency of the power supply match the specifications on the rating label. Do not share the power outlet with other appliances.
- **Placement:** Place the unit on a flat, stable surface. Ensure there is adequate clearance around the unit for proper airflow. Do not block air inlets or outlets.
- **Electrical Safety:** Do not operate the unit with wet hands. Do not pull the power cord to unplug the unit. Always grasp the plug firmly.
- **Children and Pets:** Activate the child lock function to prevent unintended operation by children or pets. Keep children supervised around the appliance.
- **Maintenance:** Always unplug the unit before cleaning or performing any maintenance.

3. PACKAGE CONTENTS

Carefully unpack your PhiloDeco Portable Air Conditioner and check that all items are present and in good condition. If any items are missing or damaged, contact customer support.

- PhiloDeco Portable Air Conditioner Unit
- Remote Control
- Window Kit
- Hose Connector
- Window Kit Adapter
- Exhaust Hose
- Water Pipe (for continuous drainage)



Image 3.1: Contents of the PhiloDeco Portable Air Conditioner package, showing the main unit, remote control, window kit, hose connector, window kit adapter, exhaust hose, and water pipe.

4. PRODUCT OVERVIEW

The PhiloDeco YD8000BTU Portable Air Conditioner is designed for efficient cooling, dehumidification, and air circulation in rooms up to 150 square feet. It features a user-friendly control panel and a remote control for convenient operation.

4.1 Unit Components

- **Air Outlet:** Adjustable fan blades direct airflow.
- **Control Panel:** Top-mounted interface for settings adjustment.
- **Air Filter:** Detachable and washable for air purification.
- **Casters:** Four rolling casters for easy mobility.
- **Handles:** Built-in handles for lifting and moving.



Image 4.1: Key features of the PhiloDeco Portable Air Conditioner, including rolling casters for mobility, adjustable fan blades for airflow control, built-in handles for easy transport, and the included remote control.

4.2 Control Panel and Display

The control panel on the top of the unit allows you to manage all functions. An LED display shows current settings.

More Practical More Convenient

LED Display & remote control

LED



Image 4.2: Detailed view of the PhiloDeco Portable Air Conditioner's LED display and control panel, showing buttons for various functions such as Sleep, Child Lock, Timer, Mode selection, Fan Speed, and Power.

4.3 Remote Control

The included remote control provides convenient access to all functions from a distance.

Remote control



Image 4.3: The remote control for the PhiloDeco Portable Air Conditioner, illustrating buttons for adjusting temperature, selecting operating mode, controlling wind speed, setting the timer, and activating sleep mode.

5. SETUP

Follow these steps to set up your portable air conditioner for first use.

5.1 Placement

- Place the unit on a firm, level surface in the room you wish to cool.
- Ensure the unit is near a window for exhaust hose installation.
- Maintain at least 20 inches (50 cm) of space around the unit for proper air circulation.

5.2 Window Kit Installation

1. Adjust the window kit to fit your window opening.
2. Secure the window kit in place.
3. Attach the hose connector to one end of the exhaust hose.
4. Connect the other end of the exhaust hose to the window kit adapter.
5. Insert the window kit adapter into the opening in the window kit.

6. Connect the exhaust hose to the air outlet on the back of the portable AC unit.

5.3 Power Connection

- Plug the power cord into a grounded 110V DC electrical outlet.
- As mentioned in safety instructions, ensure the unit has stood upright for 5 hours before initial operation.

6. OPERATING INSTRUCTIONS

Your PhiloDeco Portable Air Conditioner offers multiple operating modes for various comfort needs.



Image 6.1: The PhiloDeco Portable Air Conditioner features four primary operating modes: Automatic, Cooling, Fan, and Dehumidification (Dry).

6.1 Power On/Off

- Press the **Power** button on the control panel or remote control to turn the unit on or off.

6.2 Mode Selection

- Press the **Mode** button repeatedly to cycle through the available modes: Cooling, Dehumidification,

Fan, Automatic, and Sleep.

- **Cooling Mode:** Provides powerful cooling. Adjust temperature using the **Temperature Increase** or **Temperature Reduction** buttons.
- **Dehumidification Mode:** Reduces humidity in the room. The fan speed is fixed in this mode.
- **Fan Mode:** Circulates air without cooling. Adjust fan speed as desired.
- **Automatic Mode:** The unit automatically selects the operating mode (Cooling, Dehumidification, or Fan) based on the ambient room temperature.
- **Sleep Mode:** Optimizes settings for quiet operation and energy saving during sleep. The display light dims, and fan speed is reduced.

6.3 Temperature Adjustment

- In Cooling mode, use the **Temperature Increase** (▲) or **Temperature Reduction** (▼) buttons on the control panel or remote to set your desired temperature.

6.4 Fan Speed

- Press the **Speed** button (often indicated by a fan icon or asterisk) to adjust the fan speed (Low, Medium, High). Fan speed cannot be adjusted in Dehumidification mode.

6.5 Timer Function

- The 24-hour timer allows you to set a specific time for the unit to turn on or off.
- Press the **Timer** button and use the temperature adjustment buttons to set the desired hours.

6.6 Child Lock Function

- Activate the **Lock** function on the control panel to prevent accidental changes to settings.

Sleep Deeply in a Quiet Comfortable Environment



Noise
< 54dB



Sleep
Mode



24H Auto
On/Off Timer



Image 6.2: Illustrates the quiet operation of the PhiloDeco Portable Air Conditioner in sleep mode, designed for a comfortable sleeping environment with noise levels below 54dB and a 24-hour auto on/off timer.

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.
- **Steps:**
 1. Turn off and unplug the unit.
 2. Remove the air filter from its housing (refer to product diagram for location).
 3. Wash the filter with warm, soapy water. Rinse thoroughly.
 4. Allow the filter to air dry completely before reinserting it into the unit.

7.2 Draining Water

- In Dehumidification mode, water will accumulate in the internal reservoir. The unit will indicate when it

needs to be drained.

- For continuous drainage, connect the provided water pipe to the drainage port on the unit and direct it to a suitable drain.

7.3 Storage

- Before storing the unit for an extended period, drain all accumulated water.
- Clean the air filter and ensure the unit is dry.
- Store the unit in an upright position in a cool, dry place.

8. TROUBLESHOOTING

If you encounter issues with your PhiloDeco Portable Air Conditioner, refer to the table below for common problems and solutions. If the problem persists, contact customer support.

Problem	Possible Cause	Solution
Unit does not turn on	No power; Power cord not plugged in; Circuit breaker tripped	Check power connection; Reset circuit breaker
Unit not cooling effectively	Air filter dirty; Exhaust hose not properly installed; Room size too large; Doors/windows open	Clean air filter; Ensure exhaust hose is sealed; Close doors/windows; Verify room size is within 150 sq ft
Water leakage	Drain plug loose; Internal water tank full (in Dehumidification mode)	Check drain plug; Drain water tank or connect continuous drainage hose
Unusual noise	Unit not on a level surface; Obstruction in fan	Place unit on a level surface; Check for and remove obstructions (after unplugging)

9. SPECIFICATIONS

Detailed technical specifications for the PhiloDeco Portable Air Conditioner YD8000BTU.

Feature	Specification
Brand	PHILODECO
Model Name	YD8000BTU
Cooling Power	8000 British Thermal Units (BTU)
Coverage Area	Up to 150 sq. ft.
Operating Modes	Automatic, Cooling, Dehumidification, Fan, Sleep
Noise Level	45 dB
Product Dimensions (D x W x H)	13.11" x 15.07" x 34.64"

Feature	Specification
Item Weight	49.6 pounds
Voltage	110 Volts (DC)
Wattage	110 watts
Annual Energy Consumption	110 Watts
Special Feature	Inverter Compressor
Included Components	Remote Control

10. WARRANTY AND SUPPORT

PhiloDeco is committed to providing quality products and customer satisfaction. Your portable air conditioner comes with quality assurance.

- For any questions or concerns regarding your PhiloDeco Portable Air Conditioner, please contact our after-sales support team.
- Refer to your purchase documentation for specific warranty terms and contact information.