

Arctic King WPPH08CR8N

Arctic King 8,000 BTU Portable Air Conditioner

MODEL: WPPH08CR8N USER MANUAL

1. Important Safety Information

Please read all instructions carefully before operating your portable air conditioner. Keep this manual for future reference.

- **Electrical Safety:** Always plug the unit into a grounded 120V, 60Hz electrical outlet. Do not use extension cords or adapter plugs.
- **Placement:** Place the unit on a flat, stable surface. Ensure there is at least 20 inches (50 cm) of clear space around the unit for proper airflow. Do not block air inlets or outlets.
- **Ventilation:** The exhaust hose must be properly installed and vented to the outside to expel hot air. Improper ventilation can lead to inefficient cooling and potential overheating.
- **Maintenance:** Disconnect power before cleaning or performing any maintenance.
- **Children and Pets:** Keep children and pets away from the unit during operation.

2. Product Overview

The Arctic King WPPH08CR8N is an 8,000 BTU portable air conditioner designed to provide cooling, fan, and dehumidification functions for your space.

Components:

- Main Portable Air Conditioner Unit
- Exhaust Hose
- Window Sealing Kit (Window Slider Kit, Adapter)
- Remote Control
- Drain Hose (for continuous drainage)



Figure 2.1: Front view of the Arctic King portable air conditioner. This image shows the main unit with its front grille and control panel on top.



Figure 2.2: Close-up of the control panel. This image highlights the digital display and touch buttons for Mode, Temperature adjustment, and Power.

3. Setup and Installation

Proper installation is crucial for efficient operation.

3.1 Unit Placement:

- Place the unit near a window or opening where the exhaust hose can be vented.
- Ensure the unit is on a level surface to prevent water leakage.
- Maintain at least 20 inches (50 cm) clearance from walls or furniture to allow proper air circulation.

3.2 Window Kit Installation:

1. Assemble the window slider kit to fit your window opening. The kit is adjustable for various window sizes.
2. Insert the assembled window kit into the window opening and secure it.
3. Attach the exhaust hose adapter to the window kit opening.

3.3 Exhaust Hose Connection:

1. Screw one end of the exhaust hose onto the hose connector on the back of the air conditioner unit.
2. Connect the other end of the exhaust hose to the adapter in the window kit.
3. Ensure the hose is not kinked or bent sharply, as this will restrict airflow and reduce efficiency. Keep the hose as short and straight as possible.

3.4 Drainage Setup:

The unit has an internal water collection tank. For continuous operation in high humidity, you may connect a drain hose for continuous drainage.

- Locate the drain port at the bottom rear of the unit.
- Remove the drain plug and securely attach the provided drain hose.
- Direct the drain hose to a suitable drain or container, ensuring it is lower than the unit's drain port for gravity flow.



Figure 3.1: Arctic King portable air conditioner properly set up with the exhaust hose connected to the window kit.

4. Operating Instructions

Your portable air conditioner can be operated using the control panel on the unit or the remote control.

4.1 Control Panel Functions:

- **Power Button ():** Turns the unit ON or OFF.
- **Mode Button:** Cycles through operating modes: Cool, Fan, Dry (Dehumidify).
- **Temperature Up (+) / Down (-) Buttons:** Adjusts the desired temperature in Cool mode.
- **Fan Speed Button:** Adjusts fan speed (Low, Medium, High) in Cool or Fan mode.
- **Timer Button:** Sets the auto-on or auto-off timer.
- **Sleep Button:** Activates Sleep mode for quiet, energy-efficient operation during sleep.

4.2 Operating Modes:

- **Cool Mode:** Provides cooling. Set desired temperature and fan speed.
- **Fan Mode:** Circulates air without cooling. Select desired fan speed.
- **Dry (Dehumidify) Mode:** Removes moisture from the air. The fan speed is typically fixed to low in this mode. Ensure continuous drainage is set up for optimal dehumidification.

4.3 Remote Control:

The remote control duplicates most functions of the control panel, allowing convenient operation from a distance. Ensure batteries are correctly inserted.

5. Maintenance

Regular maintenance ensures optimal performance and extends the life of your unit.

5.1 Air Filter Cleaning:

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.
4. Allow the filter to air dry completely before reinserting it into the unit. Do not use a dryer or direct heat.

5.2 Water Drainage:

The unit will automatically shut off and display an error code (e.g., 'FL' for Full) when the internal water tank is full. Drain the water manually or use continuous drainage.

1. Unplug the unit.
2. Place a shallow pan or container under the drain port.
3. Remove the drain plug to allow water to flow out.
4. Once drained, replace the drain plug securely.

5.3 Storage:

Before storing the unit for an extended period:

- Drain all accumulated water completely.
- Clean the air filter.
- Run the unit in Fan mode for a few hours to dry the internal components.
- Unplug the power cord and coil it neatly.
- Store the unit in a cool, dry place, preferably in its original packaging.

6. Troubleshooting

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Unit does not turn on.	No power; Power cord not plugged in; Circuit breaker tripped; Water tank full.	Ensure unit is plugged in; Check circuit breaker; Drain water tank.
Unit does not cool.	Air filter dirty; Exhaust hose blocked/kinked; Room too large; Window/door open; Temperature setting too high.	Clean air filter; Check exhaust hose for obstructions; Close windows/doors; Lower temperature setting.
Unit is noisy.	Unit not level; Air filter dirty; Obstruction in fan.	Place unit on a level surface; Clean air filter; Check for foreign objects.
Water leakage.	Drain plug loose; Unit not level; Drain hose not properly connected.	Secure drain plug; Ensure unit is level; Reconnect drain hose properly.

If the problem persists after attempting these solutions, please contact customer support.

7. Specifications

Feature	Detail
Model Number	WPPH08CR8N
Cooling Capacity	8,000 BTU
Voltage	120 Volts
Frequency	60 Hz
Control Method	Remote Control, On-unit Panel
Form Factor	Portable

8. Warranty and Support

This Arctic King portable air conditioner comes with a limited warranty. Please refer to the warranty card included with your purchase for specific terms and conditions, including coverage duration and limitations.

For technical support, parts, or warranty claims, please contact Arctic King customer service. Contact information can typically be found on the product packaging or the manufacturer's official website.

