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› [COWSAR 8,000 BTU Portable Air Conditioner Instruction Manual](#)

COWSAR OL-A016FN05N3

COWSAR 8,000 BTU Portable Air Conditioner INSTRUCTION MANUAL

Model: OL-A016FN05N3

1. INTRODUCTION

Thank you for choosing the COWSAR 8,000 BTU 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.

2. SAFETY INFORMATION

WARNING: To reduce the risk of fire, electrical shock, or injury, always follow basic precautions.

- Always plug the unit into a grounded 3-prong outlet. Do not remove the grounding prong.
- Do not operate the unit with a damaged cord or plug.
- Do not use an extension cord or adapter.
- Do not block air openings. Ensure proper ventilation around the unit.
- Keep children and pets away from the unit during operation.
- Unplug the unit before cleaning or servicing.
- Do not use the unit in wet areas or near water.

3. PACKAGE CONTENTS

- COWSAR 8,000 BTU Portable Air Conditioner Unit
- Remote Control
- Exhaust Hose
- Window Venting Kit (Adjustable Panel)
- Drainage Pipe
- User Manual (this document)

4. PRODUCT OVERVIEW

The COWSAR portable air conditioner is designed for efficient cooling, dehumidification, and fan operation in spaces up to 350 sq. ft.

4.1 Key Features

- **4 Modes:** Cooling, Dehumidification, Fan, and Sleep.
- **8,000 BTU Cooling Power:** Quickly cools rooms to desired temperatures (62-80°F).
- **Energy Saving:** Efficient operation with lower energy consumption.
- **Quiet Operation:** Noise level reduced to 52dB in Sleep Mode.
- **Portability:** Equipped with rollers and built-in handles for easy movement.
- **Control Options:** LED touch panel and remote control for convenient operation.
- **24-Hour Timer:** Program the unit to turn on or off automatically.

4.2 Unit Components



Figure 1: Front View. Shows the main unit with cool air being expelled from the front louvers. The unit is white and has wheels for easy mobility.



Figure 2: 3-in-1 Modes. Illustrates the three primary functions: Cooling Fan (61°F-90°F), Dehumidification (35 Pints/Day), and Air Conditioner (Cools 350 Sq.ft).



Figure 3: Control Panel and Remote. Displays the LED touch panel on top of the unit and the included remote control, highlighting two ways to operate the air conditioner.

5. SETUP AND INSTALLATION

5.1 Unit Placement

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

5.2 Exhaust Hose and Window Kit Installation

The exhaust hose expels hot air from the unit to the outside. Proper installation is crucial for efficient cooling.

1. **Attach Exhaust Hose to Unit:** Twist the exhaust hose connector onto the exhaust opening at the back of the

air conditioner. Ensure it is securely fastened.

2. **Assemble Window Kit:** The window kit consists of adjustable panels. Extend the panels to fit the length of your window opening. If necessary, you may need to cut the plastic panel to fit your window size while ensuring the exhaust opening remains clear.
3. **Install Window Kit:** Place the assembled window kit into your window opening. Close the window as far as possible to secure the kit and cover the opening completely.
4. **Connect Exhaust Hose to Window Kit:** Attach the adapter end of the exhaust hose to the opening in the window kit. Ensure a tight seal to prevent hot air from re-entering the room.



Figure 4: Installation Steps. Visual guide for connecting the exhaust hose to the unit and installing it with the window kit.

6. OPERATING INSTRUCTIONS

Your COWSAR Portable Air Conditioner can be operated using the LED touch panel on the top of the unit or the included remote control.

6.1 Control Panel Overview



Figure 5: Control Panel. Shows the intuitive LED display and touch buttons for various functions.

- **Power Button:** Turns the unit ON/OFF.
- **Mode Button:** Cycles through Cooling, Dehumidification, Fan, and Sleep modes.
- **Speed Button:** Adjusts fan speed (Low, High).
- **Up/Down Buttons:** Adjusts desired temperature or timer settings.
- **Timer Button:** Sets the auto ON/OFF timer (up to 24 hours).

6.2 Operating Modes

- **Cooling Mode:** Provides powerful cooling. Set your desired temperature using the Up/Down buttons.
- **Dehumidification Mode:** Removes excess moisture from the air. The unit can remove up to 35 pints/day.
- **Fan Mode:** Circulates air without cooling. Adjust fan speed as desired.
- **Sleep Mode:** Operates quietly for undisturbed sleep. The fan speed is automatically set to low.

7. MAINTENANCE

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

7.1 Air Filter Cleaning

The air filter should be cleaned regularly (every 2 weeks or more often depending on usage) to prevent dust and debris from entering the condenser coils and to maintain cooling efficiency.

1. Turn off and unplug the unit.
2. Locate the air filter cover on the back of the unit (upper section).
3. Open the cover and carefully remove the air filter.
4. Clean the filter using a vacuum cleaner to remove dust, or wash it with warm, soapy water. Rinse thoroughly.
5. Allow the filter to air dry completely before reinserting it into the unit.

7.2 Water Drainage

The COWSAR unit features a self-evaporative system, which means most of the collected moisture is expelled with the hot air through the exhaust hose. However, in high humidity environments, the internal water tank may fill up.

- The unit will alert you when the water tank is full.
- **Manual Drainage:** Turn off and unplug the unit. Place a shallow pan or bucket under the lower drainage port at the back of the unit. Remove the drain plug to allow water to flow out. Replace the plug once the tank is empty.
- **Continuous Drainage:** For high humidity areas, connect the included drainage pipe to the continuous drainage port (located above the lower port) and direct it to a floor drain or a larger container.

8. TROUBLESHOOTING

If you encounter issues with your air conditioner, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Unit does not turn on	No power supply; Power cord unplugged; Full water tank.	Check power outlet; Plug in power cord; Drain water tank.

Problem	Possible Cause	Solution
Unit does not cool effectively	Air filter dirty; Exhaust hose blocked/disconnected; Room too large; Doors/windows open.	Clean air filter; Check exhaust hose connection; Ensure room size is within 350 sq. ft.; Close all doors and windows.
Unit is noisy	Unit not on a level surface; Air filter dirty; Obstruction in fan.	Place on a flat surface; Clean air filter; Check for obstructions.
Water leaking	Drain plug loose; Unit tilted; Continuous drainage hose clogged.	Secure drain plug; Place unit on level surface; Clear any clogs in the hose.

9. SPECIFICATIONS

Feature	Detail
Brand	COWSAR
Model Info	OL-A016FN05N3
Cooling Power	8,000 BTU
Coverage Area	Up to 350 sq. ft.
Noise Level	52 dB
Item Weight	50 pounds
Product Dimensions	11.81 x 13.39 x 27.09 inches
Voltage	115 Volts
Wattage	740 watts
Material Type	Plastic
Special Features	LED Display, Remote Control, Portable, Sleep Mode, 24H Timer, Rapid Cooling, 4 Modes (Cool/Fan/Dehumidifier)

10. WARRANTY AND SUPPORT

The COWSAR 8,000 BTU Portable Air Conditioner comes with a Limited Warranty. For specific warranty details, terms, and conditions, please refer to the warranty card included in your product packaging or contact COWSAR customer support directly.

For technical assistance, troubleshooting not covered in this manual, or warranty claims, please contact COWSAR customer support through their official website or the contact information provided with your purchase.