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› [COSTWAY](#) /

› COSTWAY 8000 BTU Portable Air Conditioner Instruction Manual

COSTWAY FP10119US-DB

COSTWAY 8000 BTU Portable Air Conditioner Instruction Manual

Model: FP10119US-DB

1. INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation, setup, maintenance, and troubleshooting of your COSTWAY 8000 BTU Portable Air Conditioner. Please read this manual thoroughly before using the appliance and retain it for future reference.



Image 1.1: The COSTWAY 8000 BTU Portable Air Conditioner with remote control.

2. SAFETY INFORMATION

To ensure safe operation, please observe the following precautions:

- Always connect the unit to a grounded electrical outlet.
- Do not operate the unit with a damaged power cord or plug.
- Keep the air intake and exhaust vents clear of obstructions.
- Ensure the unit is placed on a flat, stable surface.
- The unit features a child lock function and a protective grid design to enhance safety.
- An auto-defrost function and overload protection are integrated to prolong the appliance's service life.
- This product is ETL & DOE certified, indicating compliance with safety and energy efficiency standards.

CHILD LOCK & GRID DESIGN

Ensure safety of your loved ones



**ETL
Certification**

DOE

**DOE
Certification**



**Overload
Protection**



**Safety
Child Lock**

Image 2.1: Illustration of the child lock and protective grid design for user safety.

3. PRODUCT OVERVIEW

The COSTWAY 8000 BTU Portable Air Conditioner is designed to provide cooling, drying, and fan functions for rooms up to 230 sq. ft. It features a compact design with universal casters and a built-in handle for easy portability.

Key Features:

- **Multi-functionality:** Cool, Dry, Fan, and Sleep modes.
- **Adjustable Settings:** Two fan speeds (high/low) and a temperature range of 60.8°F to 89.6°F.
- **Wide Coverage:** Cools areas up to 230 sq. ft. with 290 m³/h airflow.
- **Oscillation:** Manually adjustable 90° vertical and 60° horizontal oscillation for broad air distribution.
- **Convenient Control:** Smart control panel and remote control with an effective range of up to 16.5 ft.
- **Timer Function:** 24-hour timer for scheduled operation.
- **Sleep Mode:** Operates with reduced noise and gradually increases temperature for comfortable sleep.
- **Portability:** Equipped with universal casters and a carrying handle.
- **Window Kit:** Includes a window kit for exhaust hose installation.

PORTABLE AIRCON

Cooling Area Up to 230 sq. ft



Image 3.1: The portable air conditioner positioned in a living room, demonstrating its cooling capability for areas up to 230 sq. ft.

MULTIPLE FUNCTIONS

One Product, Three Uses, Four Modes



Image 3.2: Visual representation of the unit's multiple functions: Cool, Dry, and Fan modes.

4. SETUP AND INSTALLATION

Follow these steps for proper setup and installation of your portable air conditioner:

4.1 Window Kit Installation

1. Assemble the window kit components according to the diagrams provided in the packaging.
2. The window kit is designed for double/single hung windows or sliding sash windows. Ensure your window opening is no more than 47 inches long or wide.
3. Adjust the window slider kit to fit your window opening and secure it in place.

4.2 Exhaust Hose Connection

1. Attach one end of the exhaust hose to the air conditioner's exhaust port.
2. Attach the other end of the exhaust hose to the window kit adapter.
3. Ensure all connections are secure to prevent hot air from re-entering the room.

4.3 Drainage Setup

The unit has a drainage hole for manual water draining. Position the unit where water can be easily drained, or prepare a suitable container for collection.



Image 4.1: Diagram illustrating flexible installation options for double/single-hung and sliding sash windows.

5. OPERATING INSTRUCTIONS

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

5.1 Control Panel and Remote Control

The unit can be operated using the control panel on the top of the unit or the included remote control. The remote control has an effective distance of up to 16.5 feet without obstruction. The front LED display shows the current operating status.

CONVENIENT ADJUSTMENT

Smart Control Panel & Portable Remote Control



Image 5.1: The remote control and the intuitive top control panel for easy operation.

5.2 Operating Modes

- **Cool Mode:** Provides cooling. Adjust the temperature between 60.8°F and 89.6°F.
- **Dry Mode:** Dehumidifies the air, removing up to 40 pints per day.
- **Fan Mode:** Circulates air without cooling. Select high or low fan speed.
- **Sleep Mode:** Designed for quiet operation during sleep. The temperature will gradually increase by 1.8°F (1°C) per hour after activation to maintain comfort while conserving energy.

SLEEP MODE

In this mode, the temperature will increase
by 1.8°F/1°C per hour



Image 5.2: Explanation of Sleep Mode, highlighting its quiet operation compared to typical environmental sounds.

5.3 Oscillation

The air outlet can be manually adjusted for wide-range oscillation. Adjust horizontally by 60° and vertically by 90° to direct airflow as needed.

WIDE RANGE OSCILLATION

Adjustable Horizontal & Vertical Blowing Range



Image 5.3: Illustration of the manually adjustable horizontal (60°) and vertical (90°) airflow oscillation.

5.4 Timer Function

Use the 24-hour timer to program the unit to turn on or off automatically at a desired time.

5.5 Child Lock

Activate the child lock feature to prevent unintended changes to settings by children.

6. MAINTENANCE

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

6.1 Draining Water

During cooling and dehumidifying operations, water will accumulate inside the unit. The drainage hole allows for manual draining. Periodically check the water level and drain as necessary to prevent the unit from shutting off due to a full water tank.

6.2 Cleaning the Air Filter

The unit is equipped with a removable and washable filter screen. Clean the filter regularly (e.g., every two weeks) to maintain air quality and unit efficiency. Refer to the product packaging or manufacturer's website for specific filter cleaning instructions.

6.3 Storage

Before long-term storage, ensure the unit is completely drained of water and the filter is clean and dry. Store the unit in a cool, dry place, covered to protect it from dust.

7. TROUBLESHOOTING

If you encounter issues with your air conditioner, refer to the following common problems and solutions:

- **Unit does not turn on:** Check if the power cord is securely plugged into a grounded outlet. Ensure the circuit breaker has not tripped.
- **Unit is not cooling effectively:** Verify that the room size is within the unit's cooling capacity (up to 230 sq. ft.). Check if the air filter is clean and not obstructed. Ensure windows and doors are closed. Confirm the exhaust hose is properly installed and sealed.
- **Water leakage:** Ensure the unit is on a level surface. Check if the drainage plug is securely in place, or if the continuous drainage hose (if used) is properly connected and not blocked.
- **Unusual noise:** Ensure the unit is on a stable, flat surface. Check for any foreign objects in the air intake or exhaust vents.
- **Remote control not working:** Check and replace batteries if necessary. Ensure there are no obstructions between the remote and the unit's receiver.

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

8. SPECIFICATIONS

Feature	Specification
Brand	COSTWAY
Model Number	FP10119US-DB
Cooling Power	8000 BTU
Cooling Area	Up to 230 sq. ft.
Dehumidifying Capacity	40 Pints/Day
Airflow	290 m ³ /h
Temperature Range	60.8°F - 89.6°F
Voltage	115 Volts
Wattage	920 watts
Noise Level	65 dB

Feature	Specification
Item Weight	52 pounds
Product Dimensions	12"D x 12"W x 27.5"H
Installation Type	Window (Portable)
Included Components	1 x Portable Air Conditioner

9. WARRANTY AND SUPPORT

For warranty information or technical assistance, please refer to the warranty card included with your product or visit the official COSTWAY website. You may also contact COSTWAY customer service directly for support.

COSTWAY Customer Service: <https://www.costway.com/contact-us>