**COSTWAY FP10867US-WH**

# COSTWAY 8200 BTU Portable Air Conditioner User Manual

Model: FP10867US-WH

## 1. SAFETY INFORMATION

Please read all instructions carefully before using this appliance and retain for future reference. Always follow basic safety precautions to reduce the risk of fire, electric shock, and injury.

- Ensure the power supply matches the voltage specified on the rating label.
- Do not operate the unit with a damaged cord or plug. If the supply cord is damaged, it must be replaced by the manufacturer or a qualified service agent.
- Do not block air inlets or outlets. Maintain at least 12 inches (30 cm) clearance from walls and other objects.
- Do not insert fingers or foreign objects into the air inlets or outlets.
- Always unplug the unit before cleaning or servicing.
- Do not use the unit in wet environments such as bathrooms or laundry rooms.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- Use only the accessories provided by the manufacturer.

## 2. PRODUCT OVERVIEW

The COSTWAY 8200 BTU Portable Air Conditioner is a versatile 3-in-1 unit designed to provide cooling, fan, and dehumidification functions for spaces up to 350 square feet. It features energy-efficient operation with R32 refrigerant and DOE certification.

### Key Features:

- 8200 BTU (ASHRAE) / 5000 BTU (SACC) cooling capacity for areas up to 350 sq. ft.
- 4 operating modes: Cool, Dry, Fan, and Auto.
- 3 fan speeds: High, Low, and Auto.
- Digital touch control panel and remote control for convenient operation.

- 24-hour auto on/off timer for energy management.
- Quiet sleep mode and 50dB low noise level for undisturbed rest.
- Detachable and washable filters for easy maintenance.
- Equipped with 4 universal wheels and a built-in handle for easy mobility.
- DOE, ETL, and CEC certified for energy efficiency and safety.
- Uses R32 refrigerant with lower global warming potential.

## Included Components:

- 1 x Portable Air Conditioner Unit
- 1 x Window Slider Kit
- 1 x Window Exhaust Adapter
- 1 x Air Exhaust Duct
- 1 x Air Exhaust Duct Connector
- 1 x Drain Hose
- 1 x Remote Control
- 1 x User Guide



Figure 2.1: Included components and key dimensions of the portable air conditioner.

Figure 2.2: The portable air conditioner providing efficient cooling in a living room setting.

## 3. SETUP

### 3.1 Unpacking

Carefully remove the air conditioner and all accessories from the packaging. Inspect the unit for any damage. Keep the original packaging for future storage or if the unit needs to be transported.

### 3.2 Placement

Place the unit on a flat, stable surface. Ensure there is at least 12 inches (30 cm) of space around the unit for proper airflow. Do not place the unit near heat sources or in direct sunlight.

Figure 3.1: The unit features 4 universal wheels and a built-in handle for easy movement between rooms.

## 3.3 Window Kit Installation

The included window installation kit is suitable for both horizontal and vertical sliding windows with a width/height between 26.5 inches and 47 inches.

1. Adjust the window slider kit to the length of your window opening.
2. Secure the window slider kit in place using the provided screws or fasteners.
3. Attach the window exhaust adapter to the opening in the window slider kit.

Figure 3.2: Installation guide for the window kit in both horizontal and vertical window types.

### 3.4 Exhaust Hose Connection

1. Twist the air exhaust duct connector onto one end of the air exhaust duct.
2. Connect the other end of the air exhaust duct to the exhaust outlet on the back of the air conditioner unit.
3. Attach the air exhaust duct connector to the window exhaust adapter installed in the window kit. Ensure all connections are secure to prevent air leakage.

### 3.5 Drainage Setup

The unit has two drain outlets. For continuous drainage in dehumidifier mode or during extended cooling, connect the provided drain hose to the lower drain outlet and direct it to a suitable drain or container. For manual drainage, water will collect in the internal tank, and the unit will indicate when it needs to be emptied.

## 4. OPERATING INSTRUCTIONS

The air conditioner can be controlled via the digital touch panel on the unit or the included remote control.

### 4.1 Control Panel and Remote Control

The control panel features a digital display and touch buttons for various functions. The remote control offers the same functionality for convenient operation from a distance.



Figure 4.1: The unit can be controlled using either the integrated touch panel or the remote control.

## 4.2 Power On/Off

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

## 4.3 Mode Selection

Press the **Mode** button to cycle through the available operating modes:

- **Cool Mode:** Provides cooling. Adjust temperature using the Up/Down buttons.
- **Dry Mode (Dehumidifier):** Removes moisture from the air. Fan speed is fixed to low.
- **Fan Mode:** Circulates air without cooling. Adjust fan speed as desired.
- **Auto Mode:** The unit automatically selects the operating mode (Cool, Dry, or Fan) based on the ambient room temperature.

Figure 4.2: The unit offers four distinct operating modes and three fan speed settings.

## 4.4 Fan Speed Adjustment

In Cool or Fan mode, press the **Fan Speed** button to select between High, Low, or Auto fan speeds. In Dry mode, the fan speed is fixed to Low.

## 4.5 Temperature Setting

In Cool mode, use the **Up** and **Down** buttons to set the desired temperature between 60°F (16°C) and 90°F (32°C).

## 4.6 Timer Function

Press the **Timer** button to set the auto on/off time. Use the Up/Down buttons to adjust the desired time in 1-hour increments, up to 24 hours. The timer indicator will illuminate when active.

## 4.7 Sleep Mode

Activate **Sleep Mode** for quieter operation and reduced energy consumption during the night. In this mode, the fan speed is set to low, and the display light will dim or turn off. The set temperature will gradually increase by 1°F (0.5°C) after 30 minutes, and again after another 30 minutes, maintaining the new temperature for 7 hours before returning to the original setting.

Figure 4.3: Sleep mode provides quiet operation, a 24-hour timer, and auto screen off for an undisturbed night.

## 5. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your air conditioner. Always unplug the unit before performing any maintenance.

### 5.1 Cleaning the Air Filter

The air filter should be cleaned every two weeks or more frequently depending on usage and air quality.

1. Turn off and unplug the air conditioner.
2. Locate and remove the air filter from the back or side of the unit.
3. Wash the filter with warm water (below 104°F / 40°C) and a mild detergent. Rinse thoroughly.
4. Allow the filter to air dry completely before reinstalling. Do not expose to direct sunlight.
5. Reinsert the dry filter into the unit.

### 5.2 Draining Water

When the internal water tank is full, the unit will stop operating and display an error code (e.g., 'FL').

1. Turn off and unplug the air conditioner.

2. Place a shallow pan or container under the lower drain outlet.

3. Remove the rubber stopper from the drain outlet to allow water to flow out.

4. Once all water has drained, replace the rubber stopper firmly.

5. Plug in the unit and restart operation.

## 5.3 Storage

For long-term storage (e.g., at the end of the cooling season):

1. Drain all water from the unit completely.

2. Clean the air filter and reinstall it.

3. Run the unit in Fan mode for a few hours to dry the interior.

4. Unplug the power cord and wrap it neatly using the cord organizer strap.

5. Store the unit in a cool, dry place, away from direct sunlight and extreme temperatures.

## 6. TROUBLESHOOTING

Before contacting customer service, please refer to the following troubleshooting guide for common issues.

| Problem | Possible Cause | Solution |
| --- | --- | --- |
| Unit does not turn on | No power supply; Power cord not plugged in; Circuit breaker tripped; Full water tank (FL error) | Check power outlet; Plug in power cord securely; Reset circuit breaker; Drain water tank. |
| Unit does not cool effectively | Air filter clogged; Room too large; Doors/windows open; Exhaust hose not properly installed; Temperature setting too high | Clean air filter; Ensure room size is within coverage area; Close all doors/windows; Check exhaust hose connection; Lower temperature setting. |
| Unit is noisy | Unit not on a level surface; Air filter clogged; Foreign object in fan | Place unit on a flat surface; Clean air filter; Check for and remove any obstructions. |
| Water leakage | Drain plug loose; Drain hose not properly connected or blocked | Ensure drain plug is secure; Check drain hose for proper connection and clear any blockages. |
| Remote control not working | Batteries dead; Obstruction between remote and unit | Replace batteries; Remove any obstructions. |

## 7. SPECIFICATIONS

| Feature | Specification |
| --- | --- |
| Model Number | FP10867US-WH |
| Cooling Capacity (ASHRAE) | 8200 BTU |
| Cooling Capacity (SACC) | 5000 BTU |
| Coverage Area | Up to 350 sq. ft. |
| Voltage / Frequency | 115V / 60Hz |

| Feature | Specification |
| --- | --- |
| Total Input Current | 10A |
| Wattage | 863W |
| Air Flow Rate | 194 CFM / 330 m³/h |
| Dehumidification Capacity | 51 Pints/Day / 24 L/Day |
| Temperature Setting Range | 60°F-90°F / 16°C-32°C |
| Noise Level | 50dB |
| Product Dimensions (L x W x H) | 13" x 12" x 27" / 33 cm x 30.5 cm x 68 cm |
| Net Weight | 47 lbs / 21.5 kg |
| Applicable Window Width/Height | 26.5"-47" / 67.5-120 cm |
| Length of Exhaust Hose | 59" / 150 cm |
| Diameter of Exhaust Hose | 5.9" / 15 cm |
| Length of Drain Hose | 23.5" / 60 cm |
| Length of Power Cord | 4.7 ft / 143 cm |
| Max Remote Control Distance | 26 ft / 8 m |
| Refrigerant | R32 |

## 8. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the contact details provided with your purchase documentation or visit the official COSTWAY website. Keep your purchase receipt as proof of purchase for warranty claims.