COSTWAY FP10579US-WH

COSTWAY 10000 BTU Portable Air Conditioner User Manual

Model: FP10579US-WH

1. INTRODUCTION

Thank you for choosing the COSTWAY 10000 BTU Portable Air Conditioner. This unit is designed to provide efficient cooling, dehumidification, and fan functions for rooms up to 350 square feet. Please read this manual thoroughly before installation and operation to ensure proper use and maintenance. Keep this manual for future reference.

2. SAFETY INSTRUCTIONS

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

- Read all instructions before using the appliance.
- Ensure the power supply matches the voltage specified on the rating label.
- Do not operate the unit with a damaged cord or plug.
- Do not insert fingers or objects into the air inlet or outlet.
- Keep the unit away from flammable materials and open flames.
- Always unplug the unit before cleaning or servicing.
- Do not use the unit in wet environments like 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.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged:

- 1 x Portable Air Conditioner
- 1 x Air Exhaust Duct
- 1 x Air Exhaust Duct Connector
- 1 x Window Exhaust Adapter
- 1 x Baffle Plate

- 1 x Drain Hose

- 1 x Remote Control

- 1 x User Guide (this manual)

Product Dimension

27"

11"

12.5"

Baffle Plate

Window Exhaust Adapter

Air Exhaust Duct

Air Exhaust Duct Connector

Drain Hose

Remote Control

Image: Components included with the COSTWAY Portable Air Conditioner.

4. PRODUCT FEATURES

The COSTWAY Portable Air Conditioner offers a range of features for optimal comfort:

- **Powerful Cooling:** 10000 BTU (ASHRAE) / 6500 BTU (SACC) cooling capacity for areas up to 350 sq. ft.

- **3-in-1 Functionality:** Operates as an Air Conditioner, Dehumidifier (up to 56 Pints/Day), and Fan.

- **Adjustable Temperature:** Temperature setting range from 61°F to 88°F.

- **Multi-Speed Fan:** High and low selectable air speeds.

- **Digital Display & Remote Control:** Easy operation via touch panel or remote control (up to 33 ft range).

- **24-Hour Timer:** Program the unit to turn on or off automatically.

- **Sleep Mode:** Low noise operation (50-54dB) for a quiet environment.

- **Portability:** Equipped with smooth-rolling casters and side handles for easy movement.

- **Washable Filter:** Removable and washable filter for clean air circulation.

Image: Powerful cooling capacity of the air conditioner.

Image: Low noise operation for undisturbed sleep.

5. SETUP AND INSTALLATION

Proper installation is crucial for the efficient operation of your portable air conditioner. Follow these steps:

5.1 Choosing a Location

- 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 for exhaust hose installation and a grounded electrical outlet.

5.2 Exhaust Hose Installation

The unit requires an exhaust hose to vent hot air outside. The window installation kit supports both sliding and hung window types.

1. Attach the Air Exhaust Duct Connector to one end of the Air Exhaust Duct.
2. Attach the Window Exhaust Adapter to the other end of the Air Exhaust Duct.

3. Insert the Air Exhaust Duct Connector into the exhaust outlet on the back of the air conditioner.

4. Adjust the Baffle Plate to fit your window opening (applicable window width/height: 25"-47").

5. Secure the Baffle Plate in the window opening.

6. Connect the Window Exhaust Adapter to the opening in the Baffle Plate, ensuring a tight seal to prevent hot air from re-entering the room.

Image: Two installation options for various window types.

5.3 Drain Hose Installation (Dehumidifier Mode)

For continuous drainage in dehumidifier mode, connect the drain hose:

- Locate the drain port on the back of the unit.
- Connect the provided Drain Hose to the drain port.
- Direct the other end of the drain hose to a suitable drainage area, ensuring it is lower than the unit's drain port for gravity flow.

6. OPERATING INSTRUCTIONS

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

6.1 Control Panel and Remote Control Overview

Image: Control panel and remote control functions.

6.2 Operating Modes

Press the **Mode** button to cycle through the following modes:

- **Cool Mode:** Provides cooling. Set desired temperature using the "+" or "-" buttons.
- **Fan Mode:** Circulates air without cooling. Select high or low fan speed.
- **Dry Mode (Dehumidifier):** Removes moisture from the air. The fan speed is fixed to low in this mode.

Image: Three operating modes of the air conditioner.

6.3 Other Functions

- **Power:** Press to turn the unit on or off.
- **Swing:** Activates or deactivates the automatic louver swing for wider air distribution.
- **Timer:** Press to set the auto-on or auto-off time (1-24 hours).
- **Sleep:** Activates sleep mode for quieter operation and gradual temperature adjustment.
- **Speed:** Adjusts fan speed (High/Low) in Cool and Fan modes.

7. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your unit.

7.1 Cleaning the Air Filter

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

1. Unplug the air conditioner from the power outlet.

2. Remove the filter from the back of the unit.

3. Wash the filter with warm water (below 104°F / 40°C) and a mild detergent.

4. Rinse thoroughly and allow it to air dry completely before re-installing.

7.2 Cleaning the Unit Exterior

Wipe the exterior with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.

7.3 Storage

If storing the unit for an extended period:

- Drain any accumulated water from the unit.

- Clean the air filter.

- Store the unit in a dry, upright position.

Image: Removable and washable filter for easy maintenance.

8. TROUBLESHOOTING

Before contacting customer support, refer to the following common issues and solutions:

- **Unit does not turn on:** Check if the unit is plugged in, the power outlet is working, and the circuit breaker has not tripped.

- **Unit does not cool:** Ensure the exhaust hose is properly installed and venting outside. Check if the air filter is clean. Verify the room temperature is above the set temperature.

- **Water leakage:** Ensure the unit is on a level surface. Check if the drain plug is securely closed (unless continuous drainage is set up).

- **Noisy operation:** Ensure the unit is on a flat surface. Check for any obstructions in the air inlet or outlet.

9. SPECIFICATIONS

Feature	Specification
Model Number	FP10579US-WH
Cooling Capacity (ASHRAE)	10000 BTU
Cooling Capacity (SACC)	6500 BTU
Coverage Area	Up to 350 sq. ft.
Dehumidifying Capacity	56 Pints/Day
Voltage	115V/60Hz
Amp	7.7A
Wattage	880 watts
Air Flow Rate	155 CFM
Temperature Setting Range	61°F-88°F
Noise Level	50-54dB
Product Dimensions (L x W x H)	13" x 11" x 27"
Item Weight	44 lbs
Length of Exhaust Hose	5 ft
Diameter of Exhaust Hose	6"
Length of Drain Hose	3.3 ft
Diameter of Drain Hose	0.4"
Length of Power Cord	6 ft
Max Remote Control Distance	33 ft

Feature	Specification
Refrigerant	R-32

10. WARRANTY AND SUPPORT

For warranty information or technical support, 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 any warranty claims.