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› COSTWAY 18k BTU Dual 2 Zone Mini Split Air Conditioner User Manual - Model 10794US-WH-2-CYFP

COSTWAY 10794US-WH-2-CYFP

COSTWAY 18k BTU Dual 2 Zone Mini Split Air Conditioner User Manual

Model: 10794US-WH-2-CYFP

INTRODUCTION

Thank you for choosing the COSTWAY 18k BTU Dual 2 Zone Mini Split Air Conditioner. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your new air conditioning system. Please read this manual thoroughly before installation and use, and retain it for future reference.

SAFETY INFORMATION

Important: Installation of this air conditioning system requires a professional HVAC installer. Improper installation can result in electric shock, fire, serious injury, or death. Always follow local and national electrical codes.

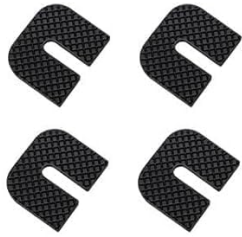
- Ensure the power supply matches the unit's specifications.
- Do not attempt to repair or modify the unit yourself. Contact qualified service personnel.
- Keep the area around the outdoor unit clear of obstructions.
- Do not insert objects into the air outlets or inlets.
- Ensure proper grounding to prevent electric shock.

PACKAGE CONTENTS

Verify that all components listed below are present in your package:

Package Includes

X 1



Rubber Pad x 4



Outdoor Unit x 1

X 1



Copper Connection Pipe x 2



Drain Hose x 2



Putty x 4



Wall Cover x 2

X 2



Indoor Unit x 2



Remote Control x 2



Communication Wire x 2

Screw Kit x 2



Wall Sleeve x 2



Tape x 4

Figure 1: Package Contents. This image displays the complete set of items included with the air conditioner: one outdoor unit, two indoor units, two remote controls, four rubber pads, two copper connection pipes, two drain hoses, four putty, two communication wires, two wall sleeves, two wall covers, two screw kits, and four tapes.

- 1x Outdoor Unit
- 2x Indoor Unit
- 2x Communication Wire
- 2x Copper Connection Pipe
- 2x Drain Hose
- 2x Remote Control
- 2x Wall Sleeve
- 2x Wall Cover
- 2x Screw Kit
- 4x Putty
- 4x Tape
- 4x Rubber Pad
- 3x User Guide (This manual and other specific guides)

SETUP AND INSTALLATION

This mini split air conditioner system requires professional installation. Attempting to install the unit without proper training and tools can lead to damage to the unit, void the warranty, and pose safety risks. Consult a certified HVAC technician for installation.



Figure 2: System Components for Installation. This image illustrates the main components of the mini split system, including the outdoor condenser unit, two indoor evaporator units, and the necessary pipes and wires for connection.

Outdoor Unit Placement

The outdoor unit should be placed on a stable, level surface, ensuring adequate clearance for airflow around the unit. The built-in heater in the outdoor unit allows for operation in low ambient temperatures, cooling down to 131°F and heating down to -4°F.



Figure 3: High-Performance Outdoor Unit. This image emphasizes the robust design of the outdoor unit, featuring a built-in heater that ensures reliable operation in a wide range of temperatures, from extreme heat to significant cold.

Indoor Unit Placement

Indoor units should be mounted on a wall, ensuring proper drainage and refrigerant line connections. Each indoor unit provides individual temperature control for its respective zone.

OPERATING INSTRUCTIONS

Your COSTWAY mini split system offers multiple ways to control your comfort.

Remote Control Operation

Each indoor unit comes with a dedicated remote control for convenient adjustment of settings.

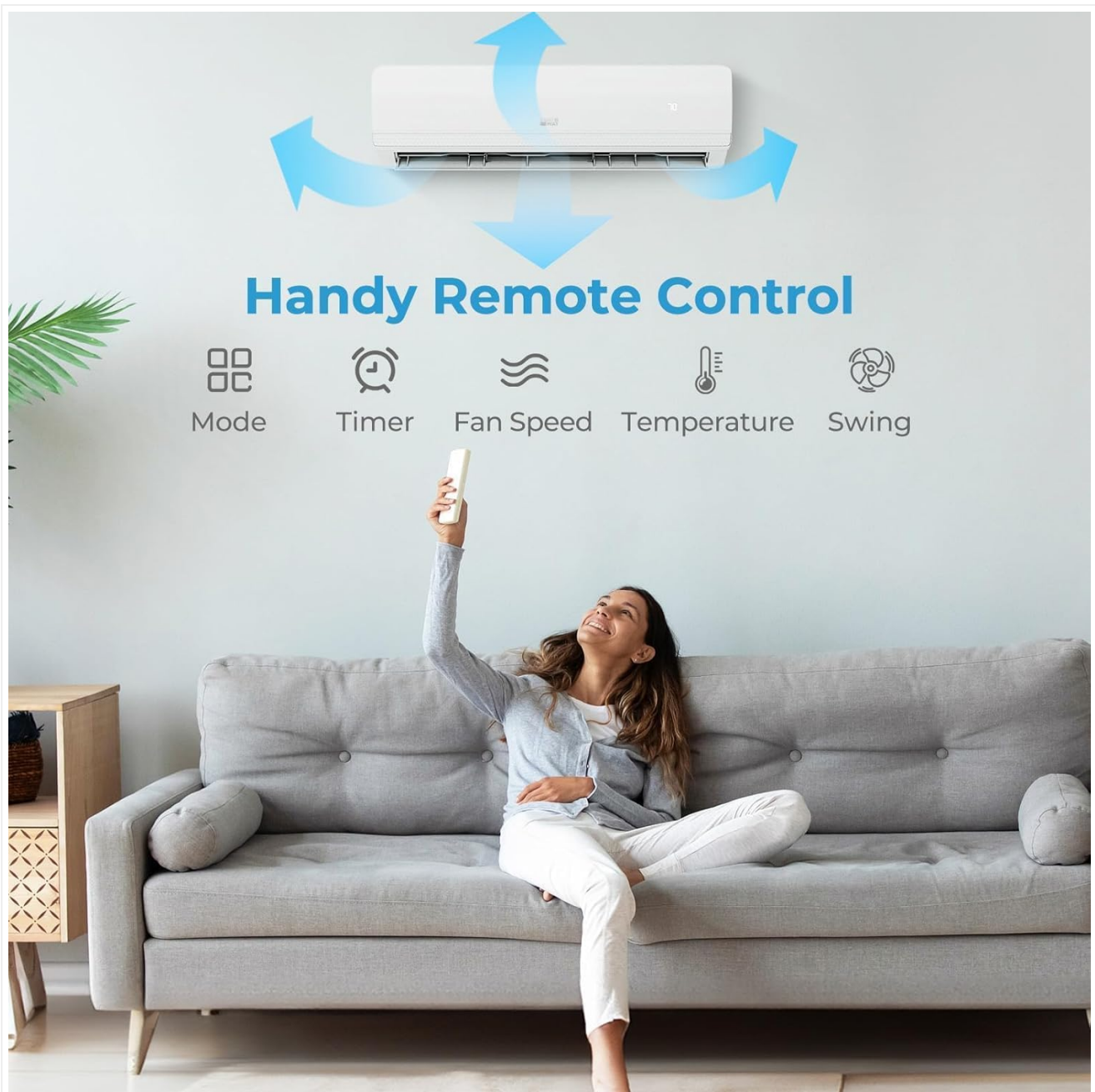


Figure 4: Handy Remote Control. This image shows a user interacting with the air conditioner via its remote control, highlighting functions such as mode selection, timer, fan speed, temperature adjustment, and swing control.

Smart APP & Voice Control

The system is Wi-Fi enabled, allowing remote control via a smartphone app and voice commands through Alexa or Google Assistant.

Smart APP & Voice Control

Experience the ultimate convenience

"Alexa, set my air conditioner to cool mode"



works with alexa

works with Google Assistant

Figure 5: Smart APP & Voice Control. This image demonstrates the convenience of controlling the air conditioner remotely using a smartphone application and integrating with voice assistants like Alexa for hands-free operation.

Operating Modes and Features

The unit offers a variety of modes and features to optimize your comfort and energy efficiency.



Figure 6: Multifunctional Design. This image highlights the air conditioner's versatility with 7 operating modes (Auto, Cool, Heat, Dry, Fan, Sleep, ECO) and 8 fan speeds (Auto, Mute, Low, Low-Mid, Mid, Mid-High, High, Turbo), along with additional features like I FEEL, 4D Auto Swing, Child Lock, and Memory Function.

- **7 Modes:** Auto, Cool, Heat, Dry, Fan, Sleep, ECO.
- **8 Fan Speeds:** Auto, Mute, Low, Low-Mid, Mid, Mid-High, High, Turbo.
- **I FEEL Function:** Adjusts temperature based on the remote control's sensor for localized comfort.
- **4D Auto Swing:** Ensures even air distribution throughout the room.
- **Child Lock:** Prevents unintended changes to settings.
- **Auto Defrost:** Automatically removes frost from the outdoor unit during heating operation.
- **Memory Function:** Retains previous settings after power interruption.
- **24-Hour Timer:** Schedule operation start and stop times.
- **Sleep Mode:** Optimizes temperature and fan speed for quiet, comfortable sleep, with noise levels below 30 dB.
- **Screen Off Function:** Turns off the display lights for undisturbed sleep.



Figure 7: Super Quiet Operation. This image highlights the air conditioner's low noise sleep mode, 0-24h timer, and screen off function, all designed to ensure a peaceful night's sleep.

MAINTENANCE

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

High-Temperature Self-Cleaning

The unit features a 133°F high-temperature self-cleaning function to maintain internal hygiene and improve air quality.

Filter Maintenance

The indoor unit is equipped with removable and washable filters. Clean these filters regularly to ensure efficient operation and clean air circulation.

133°F High Temperature Self-Cleaning

Breathe fresher and cleaner air



Figure 8: Self-Cleaning and Filter Maintenance. This image illustrates the air conditioner's high-temperature self-cleaning capability and the easily removable and washable filter, contributing to fresher and cleaner air.

TROUBLESHOOTING

If you encounter issues with your air conditioner, refer to the following general troubleshooting tips. For complex problems, contact a qualified service technician.

- **Unit not turning on:** Check power supply, circuit breaker, and remote control batteries.
- **Insufficient cooling/heating:** Ensure filters are clean, doors/windows are closed, and there are no obstructions to airflow. Verify correct mode selection.
- **Unusual noises:** Minor noises during operation are normal. If loud or unusual noises occur, contact service.
- **Water leakage:** Check if the drain hose is properly installed and not blocked.

SPECIFICATIONS

Detailed specifications for the COSTWAY 18k BTU Dual 2 Zone Mini Split Air Conditioner.

- **Model:** 10794US-WH-2-CYFP
- **Multi Zone Combination:** 2
- **Voltage:** 208-230V~60Hz/1PH
- **Refrigerant:** R410A
- **SEER2:** 20
- **Indoor Noise Level:** <30 dB (in Sleep Mode)
- **Temperature Setting Range:** 60°F~90°F
- **Cooling Power:** 18000 British Thermal Units
- **Coverage Area:** Up to 1750 sq. ft (depending on specific indoor unit BTU)

Dimensions

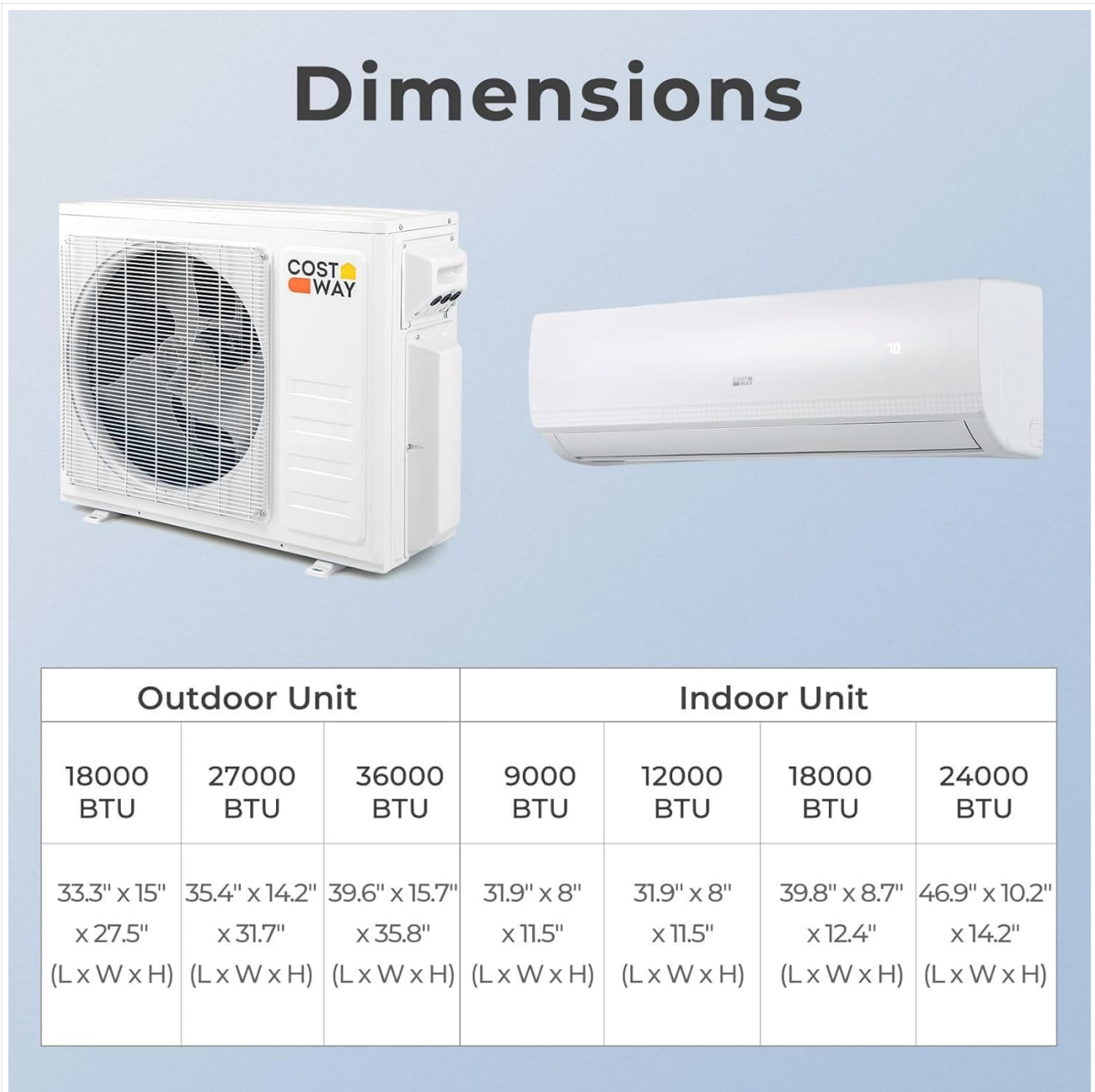


Figure 9: Unit Dimensions. This image provides a comprehensive table detailing the length, width, and height (L x W x H) for the outdoor unit and different BTU capacities of indoor units, including 9000, 12000, 18000, and 24000 BTU models.

Outdoor Unit Dimensions

BTU	Dimensions (L x W x H)
18000	33.3" x 15" x 27.5"

Indoor Unit Dimensions

BTU	Dimensions (L x W x H)
9000	31.9" x 8" x 11.5"
12000	31.9" x 8" x 11.5"
18000	39.8" x 8.7" x 12.4"
24000	46.9" x 10.2" x 14.2"

WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please contact COSTWAY customer service. Refer to your purchase documentation or the official COSTWAY website for contact details.