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› COSTWAY 18K BTU Dual 2 Zone Mini Split AC/Heating System User Manual

COSTWAY 10794US-WH-2-CYFP

COSTWAY 18K BTU Dual 2 Zone Mini Split AC/Heating System User Manual

Model: 10794US-WH-2-CYFP

Brand: COSTWAY

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your COSTWAY 18K BTU Dual 2 Zone Mini Split AC/Heating System. This system is designed to provide efficient climate control for multiple rooms, offering both cooling and heating functionalities with advanced features for enhanced comfort and convenience.

Key features include Wi-Fi connectivity for remote control, compatibility with voice assistants like Alexa, energy-efficient inverter technology, and a robust outdoor unit with a built-in heater for reliable performance in various temperatures.



Image: Overview of the COSTWAY Dual Zone Mini Split AC/Heating System, showing the outdoor unit, two indoor units, remote controls, and connection components.

2. SAFETY INFORMATION

Please read all safety warnings and instructions carefully before installation and operation to prevent injury or damage. Keep this manual for future reference.

- **Professional Installation Required:** Installation of this mini split system requires a professional HVAC installer. Improper installation can lead to electric shock, fire, water leakage, or other hazards.
- **Electrical Safety:** Ensure the power supply matches the unit's specifications. Do not operate with wet hands. Disconnect power before any maintenance or cleaning.
- **Refrigerant Handling:** This unit contains R410A refrigerant. Only qualified personnel should handle refrigerant.
- **Clearances:** Maintain adequate clearances around indoor and outdoor units for proper airflow and service access.
- **Children and Pets:** Keep children and pets away from the unit during operation and maintenance.

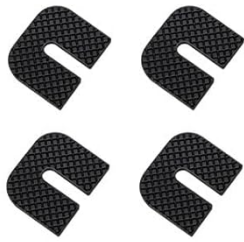
3. PACKAGE CONTENTS

Verify that all components listed below are present in your package. If any items are missing or damaged, contact customer service immediately.

- 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

Package Includes

X 1



Rubber Pad x 4



Outdoor Unit x 1

X 2



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

Image: Visual representation of all items included in the product package, detailing quantities for each component.

4. INSTALLATION GUIDE

This mini split AC system requires professional installation by a certified HVAC technician. The following is a general overview; detailed installation instructions are provided in the separate User Guide included in the package.

1. **Site Selection:** Choose appropriate locations for the outdoor unit and each indoor unit, ensuring proper clearances and structural support.
2. **Mounting Indoor Units:** Securely mount indoor units to the wall using the provided wall sleeves and covers.
3. **Mounting Outdoor Unit:** Place the outdoor unit on a stable, level surface, ideally using the provided rubber pads to reduce vibration.
4. **Connecting Refrigerant Lines:** Connect the pre-charged copper connection pipes between the indoor and outdoor units. Ensure proper flaring and tightening to prevent leaks.
5. **Electrical Wiring:** Connect communication wires and power supply according to local electrical codes and the

wiring diagram in the detailed user guide. This step must be performed by a qualified electrician.

6. **Drainage:** Install drain hoses to ensure proper condensate removal from indoor units.
7. **Vacuumping and Leak Check:** Evacuate the refrigerant lines to remove air and moisture, then perform a leak check to ensure system integrity.
8. **Test Run:** After installation, perform a test run to verify proper operation of all modes and functions.

5. OPERATION GUIDE

Your COSTWAY mini split system offers multiple ways to control your comfort, including remote control, a smartphone app, and voice commands.

5.1. Remote Control Operation

Each indoor unit is equipped with a remote control for convenient adjustment of settings.



Image: Illustration of the remote control and its primary functions for adjusting the air conditioner settings.

5.2. Modes and Fan Speeds

The system features 7 operating modes and 8 fan speeds to customize your environment:

- **Modes:** Auto, Cool, Heat, Dry, Fan, Sleep, ECO
- **Fan Speeds:** Auto, Mute, Low, Low-Mid, Mid, Mid-High, High, Turbo

Additional functions include I FEEL, 4D auto swing, child lock, auto defrost, and memory function.

Multifunctional Design

7 Modes

- Auto
- Cool
- Heat
- Dry
- Fan
- Sleep
- ECO

8 Wind Speeds

- Auto
- Mute
- Low
- Low-Mid
- Mid
- Mid-High
- High
- Turbo

More Features

- I FEEL
- 4D Auto Swing
- Child Lock
- Memory Function

Image: Visual guide to the various operational modes and fan speed settings available on the air conditioning system.

5.3. Smart APP & Voice Control

Control your unit from anywhere using the dedicated smartphone app or integrate with Alexa or Google Assistant for voice commands.

Smart APP & Voice Control

Experience the ultimate convenience

"Alexa, set my air conditioner to cool mode"



works with alexa

works with Google Assistant

Image: Demonstrates the convenience of controlling the AC unit via a smartphone application and voice commands through smart home devices.

5.4. Quiet Operation and Sleep Mode

For a peaceful environment, activate the low noise sleep mode (below 30 dB) and utilize the 0-24 hour timer and screen off function.



Image: Illustrates the quiet operation and sleep mode features designed for undisturbed rest.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your unit.

6.1. High-Temperature Self-Cleaning

The unit features a 133°F high-temperature self-cleaning function to maintain air quality and system efficiency.

133°F High Temperature Self-Cleaning

Breathe fresher and cleaner air



Image: Depicts the self-cleaning mechanism of the indoor unit and the removable, washable filter for easy maintenance.

6.2. Filter Cleaning

The air filters are removable and washable. Clean them regularly (e.g., every 2-4 weeks, depending on usage) to ensure efficient airflow and clean air. Refer to the detailed user guide for specific instructions on filter removal and cleaning.

7. TROUBLESHOOTING

If you encounter issues with your unit, refer to the following common troubleshooting steps. For complex problems, contact a qualified technician.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Unit does not turn on	No power supply; circuit breaker tripped; remote control batteries dead.	Check power connection; reset circuit breaker; replace remote control batteries.
Insufficient cooling/heating	Dirty air filters; blocked outdoor unit; incorrect mode/temperature setting; low refrigerant.	Clean air filters; clear obstructions from outdoor unit; adjust settings; contact technician for refrigerant check.
Unusual noise	Loose parts; fan obstruction; unit not level.	Check for loose components; remove obstructions; ensure unit is level. If noise persists, contact technician.
Water leakage from indoor unit	Clogged drain hose; improper installation angle.	Clear drain hose; ensure proper slope for drainage. Contact installer if issue persists.
Remote control not working	Batteries dead or incorrectly inserted; signal obstruction.	Replace batteries; ensure clear line of sight to indoor unit; check for interference.

8. SPECIFICATIONS

Detailed technical specifications for the COSTWAY 18K BTU Dual 2 Zone Mini Split AC/Heating System.

Attribute	Value
Brand	COSTWAY
Model Number	10794US-WH-2-CYFP
Capacity	18,000 BTU (2 Zone: 9000 BTU + 12000 BTU)
SEER2 Rating	22
Voltage	208-230V~60Hz/1PH
Refrigerant	R410A
Indoor Noise Level	<30 dB (Sleep Mode)
Temperature Setting Range	60°F~90°F / 16°C~32°C
Outdoor Unit Net Weight	97 lbs
Indoor Unit Net Weight (9k)	20.9 lbs
Indoor Unit Net Weight (12k)	23.1 lbs
Outdoor Unit Size (L x W x H)	33.3" x 15" x 27.5"

Attribute	Value
Indoor Unit Size (9k L x W x H)	32.3" x 7.7" x 12"
Indoor Unit Size (12k L x W x H)	36.2" x 7.7" x 12"
Coverage Area	Up to 1250 sq. ft / 1500 sq. ft / 1750 sq. ft (depending on combination)

Dimensions



Outdoor Unit			Indoor Unit		
18000 BTU	27000 BTU	36000 BTU	9000 BTU	12000 BTU	18000 BTU
33.3" x 15" x 27.5" (L x W x H)	35.4" x 14.2" x 31.7" (L x W x H)	39.6" x 15.7" x 35.8" (L x W x H)	32.3" x 7.7" x 12" (L x W x H)	36.2" x 7.7" x 12" (L x W x H)	43.3" x 8.7" x 13.1" (L x W x H)

Image: Detailed dimensions for various BTU capacities of both indoor and outdoor units.

High-performance Outdoor Unit



Bottom Built-in Heater

Prevents icing or frosting, ensuring normal operation and extended service life

Cool even at
131°F

Heat even at
-4°F

Image: Highlights the robust outdoor unit's capability to operate effectively in extreme temperatures, featuring a built-in heater.

9. WARRANTY AND SUPPORT

For warranty information, please refer to the specific warranty card or documentation included with your product package. Warranty terms and conditions may vary.

For technical support, troubleshooting assistance, or to inquire about replacement parts, please contact COSTWAY customer service. Have your model number and purchase date ready when contacting support.

You can typically find contact information on the COSTWAY official website or in the user guide provided with your product.

