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› COSTWAY 12000 BTU Mini Split Air Conditioner User Manual

COSTWAY 10901-CYFP

COSTWAY 12000 BTU Mini Split Air Conditioner User Manual

MODEL: 10901-CYFP

Brand: COSTWAY

1. INTRODUCTION AND PRODUCT OVERVIEW

The COSTWAY 12000 BTU Mini Split Air Conditioner with Heat Pump (Model: 10901-CYFP) is designed to provide year-round comfort for spaces up to 750 square feet. This versatile unit offers cooling, heating, fan, and dry modes, ensuring optimal climate control in various conditions. Featuring inverter technology and a high 22 SEER2 rating, it operates efficiently and quietly, contributing to energy savings and a peaceful indoor environment.



Figure 1: COSTWAY 12000 BTU Mini Split Air Conditioner with indoor and outdoor units.

2. KEY PRODUCT FEATURES

- **Year-round Comfort:** Capable of cooling down to 60°F and heating up to 90°F, suitable for areas up to 750 sq.ft. Includes fan, dry, ECO, sleep modes, and adjustable fan speeds (low/medium/high/turbo).
- **Efficient & Quiet Operation:** Utilizes R32 refrigerant and inverter technology for high energy efficiency (22 SEER2 and 9 HSPF2 ratings). Operates quietly at 42 dB for minimal disturbance.
- **Intelligent Control & Wide Air Supply:** Control via smartphone app, voice commands (Alexa, Google Assistant), or remote control. Features 4D auto swing for even air distribution.
- **Hassle-free Maintenance:** Equipped with a 137°F high temperature self-cleaning function, auto defrost, and removable/washable filter for easy upkeep and extended lifespan. ETL and AHRI certified.

4 In 1 Design for Customized Comfort

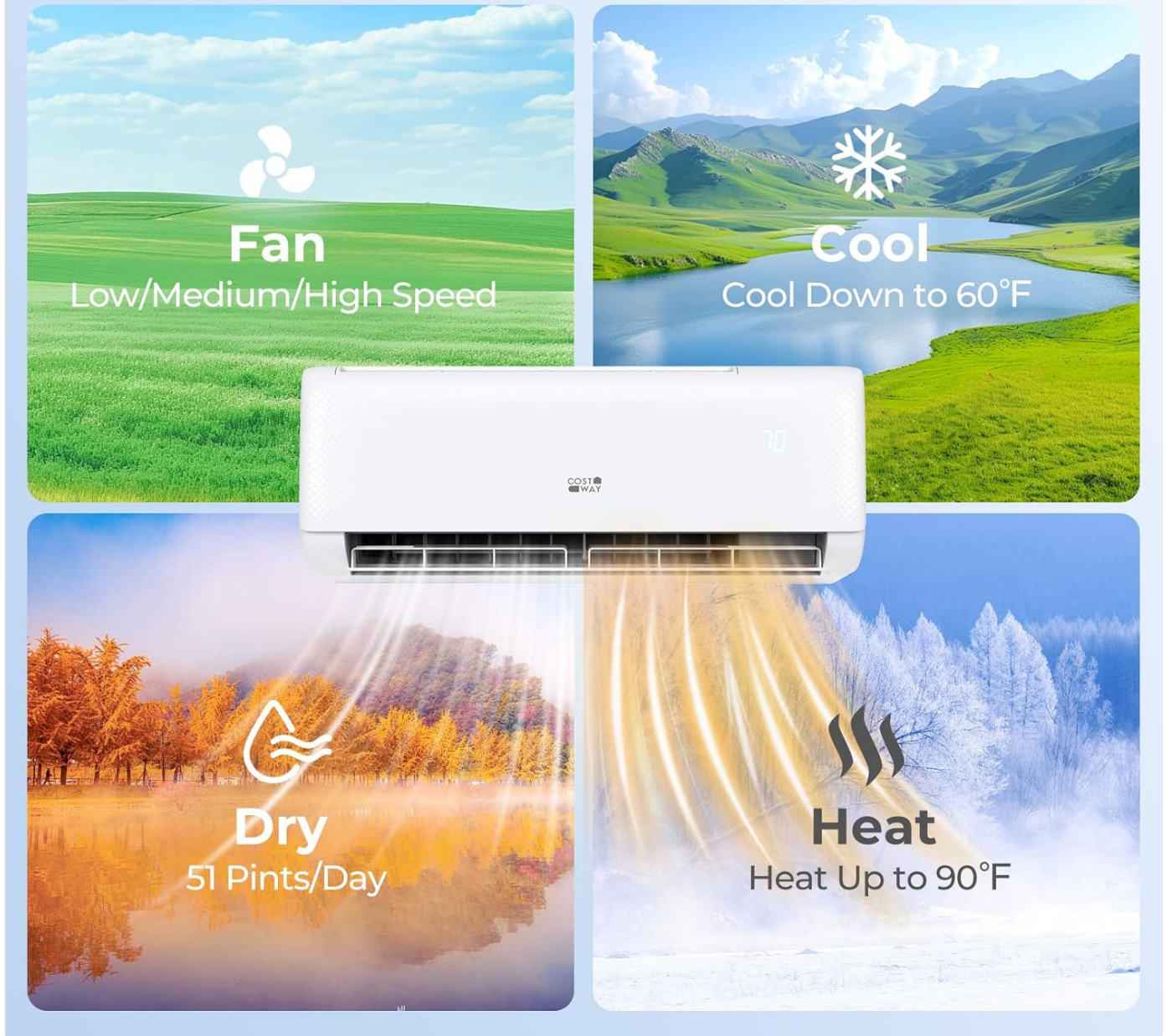


Figure 2: The 4-in-1 design of the COSTWAY Mini Split Air Conditioner, illustrating its Fan, Cool, Dry, and Heat functionalities.



Figure 3: High energy efficiency is achieved through inverter technology, R32 refrigerant, and ECO mode, resulting in 22 SEER2 and 9 HSPF2 ratings.

3. SETUP AND INSTALLATION

Important Safety Note: The installation of this equipment should be done only by a Licensed HVAC Installer to ensure proper function and safety.

3.1 Package Contents

The product is delivered in two separate boxes. Please ensure all components are present before beginning installation.

- **Box 1:** Outdoor Unit, 13ft Copper Connection Pipe (Air Pipe), 13ft Copper Connection Pipe (Liquid Pipe), 13ft Communication Wire, Wall Sleeve, Tape, Luting (putty).
- **Box 2:** Indoor Unit, Remote Control, Batteries, 6.5 ft Drain Pipe.



Figure 4: Components included in the two-box delivery for the mini split system.

3.2 Choosing the Right BTU

Selecting the correct BTU (British Thermal Unit) capacity is crucial for efficient operation. Refer to the guide below to determine the appropriate BTU for your space. If the room is in a hot climate, direct sunlight, or poorly insulated, consider adding 20-50% more BTUs.

BTU	Square Feet Coverage
9K	Up to 450 Sq.Ft
12K	Up to 750 Sq.Ft
17K	Up to 1250 Sq.Ft
22K	Up to 1500 Sq.Ft



How to Choose the Right BTU

BTU	Square Feet
9K	Up to 450 Sq.Ft
12K	Up to 750 Sq.Ft
17K	Up to 1250 Sq.Ft
22K	Up to 1500 Sq.Ft

If the room is in a hot climate or direct sunlight position, or poorly insulated, we recommend you add 20%-30% BTUs.

Figure 5: BTU sizing guide for optimal performance based on room area.

4. OPERATING INSTRUCTIONS

4.1 Control Options

The mini split unit offers multiple convenient control methods:

- **Remote Control:** A dedicated remote allows for comprehensive control over all functions.
- **Smartphone App:** Download the compatible app to control the unit from your smartphone.
- **Voice Commands:** Integrate with Alexa or Google Assistant for hands-free operation.

Remote Control


Mode


Timer


Speed


Temperature


Swing


Turbo





"Alexa, turn on the conditioner"



App Control

Intelligent Control

 works with the
Google Assistant

works with 

Figure 6: Control your unit effortlessly using the included remote control or a smartphone app with voice assistant compatibility.

4.2 Available Modes and Functions

- **Cool Mode:** Provides cooling down to 60°F.
- **Heat Mode:** Provides heating up to 90°F.
- **Fan Mode:** Circulates air without heating or cooling, with low/medium/high/turbo speed options.
- **Dry Mode:** Reduces humidity in the room.
- **ECO Mode:** Optimizes energy consumption for efficiency.
- **Sleep Mode:** Adjusts temperature and fan speed for comfortable sleep, with low noise levels (≤ 42 dB) and screen

off option.

- **24H Timer:** Program the unit to turn on or off at specific times within a 24-hour period.
- **4D Auto Swing:** Ensures even air distribution throughout the room by automatically adjusting airflow direction.



Figure 7: The 4D Auto Swing function ensures comprehensive air circulation, preventing direct airflow for enhanced comfort.



Figure 8: Sleep Mode, combined with the 0-24H Timer and low noise operation (≤ 42 dB), ensures an undisturbed night's sleep.

5. MAINTENANCE

Regular maintenance is essential to ensure the longevity and optimal performance of your mini split air conditioner.

- **High Temperature Self-Cleaning:** The unit features a 137°F high temperature self-cleaning function to maintain internal hygiene.
- **Auto Defrost Function:** Automatically defrosts the outdoor unit when ice buildup is detected, ensuring continuous operation in cold weather.
- **Removable & Washable Filter:** The air filter is easily removable and washable, allowing for simple cleaning to maintain air quality and unit efficiency.



Figure 9: The unit offers hassle-free maintenance with its self-cleaning function and easily accessible, washable filter.

6. TROUBLESHOOTING

If you encounter any issues with your unit, please refer to the following general troubleshooting steps. For complex problems, contact a Licensed HVAC Installer or customer support.

- **Unit not turning on:** Check power supply, circuit breaker, and ensure the remote control batteries are functional.
- **Insufficient cooling/heating:** Verify temperature settings, ensure filters are clean, and check for any obstructions to airflow.
- **Unusual noises:** Minor noises during operation are normal. If loud or persistent, consult the full manual or support.
- **Water leakage:** Ensure proper drainage pipe installation and check for blockages.

7. SPECIFICATIONS

Specification	Value
Brand Name	COSTWAY
Model Info	10901-CYFP
Cooling Power	12000 British Thermal Units
Seasonal Energy Efficiency Ratio (SEER)	22
Voltage	115 Volts (AC)
Wattage	1040 watts
Noise Level	42 dB
Refrigerant	R-32
Material Type	Metal, Aluminum, Copper

Dimensions

Cooling Capacity
12000 BTU

Heating Capacity
12300 BTU

Cooling Power
1040W

Heating Power
1040W

Voltage
115V/60Hz

Air Flow Volume
353 CFM

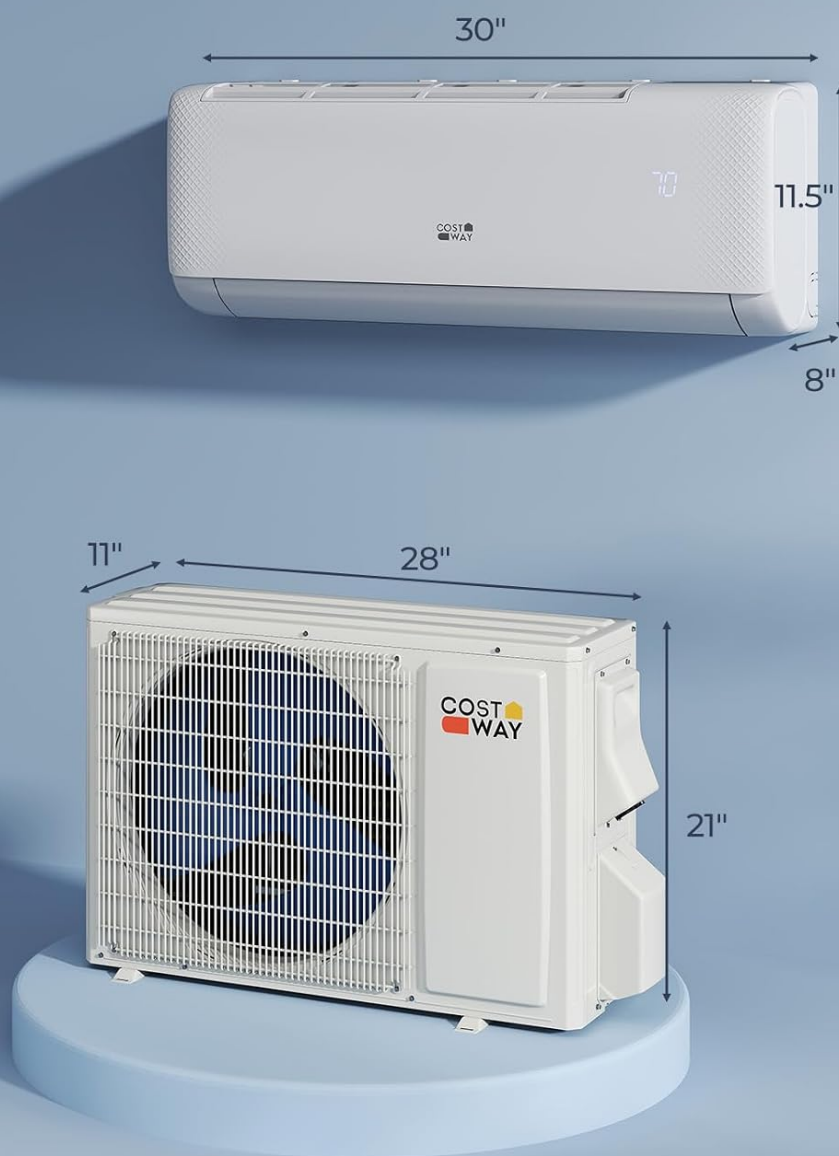


Figure 10: Detailed dimensions and power specifications for the COSTWAY Mini Split Air Conditioner.

8. WARRANTY AND SUPPORT

COSTWAY stands behind the quality and design of its products with an industry-leading manufacturer's warranty and dedicated support.

- **Warranty Coverage:** This warranty covers 5 years of parts replacement and 8 years of compressor coverage for single-zone models.
- **Technical Support:** Lifetime technical support is provided.
- **Customer Service:** 24/7 support is available via phone, email, or live chat.

COSTWAY Provides Extended Service & Premium Support



Single Zone Models: 8-year compressor + 5-year parts.
Multi-Zone Models: 5-year compressor + 3-year parts.



Lifetime Technical Support



24/7 support via phone, email, or live chat.



Figure 11: COSTWAY's commitment to customer satisfaction is reflected in its comprehensive warranty and accessible support channels.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

How do I turn off the LED light/display on a Costway 12000 BTU Mini Split Air Conditioner?

To turn off the LED light or display on your Costway Mini Split Air Conditioner (such as the 10901-CYFP model), you can use the following methods: Sleep Mode: According to the manual, activating Sleep Mode...

[Read full answer](#)

