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› **COSTWAY 24000 BTU Wifi Enabled Mini Split Air Conditioner & Heater User Manual**

**COSTWAY 10030-CYJV**

# **COSTWAY 24000 BTU Wifi Enabled Mini Split Air Conditioner & Heater User Manual**

Model: 10030-CYJV

## **1. PRODUCT OVERVIEW**

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The COSTWAY 24000 BTU Wifi Enabled Mini Split Air Conditioner & Heater is a versatile climate control system designed for efficient cooling and heating in spaces up to 1500 sq. ft. This 21 SEER2 and 10 HSPF2 inverter AC unit offers a comprehensive 4-in-1 solution, functioning as an air conditioner, heater, dehumidifier, and fan. It features innovative inverter technology for improved energy efficiency and can be controlled via a remote, smartphone app, or voice commands through Alexa or Google Assistant.



Image: The complete COSTWAY mini split system, including the indoor unit, outdoor unit, remote control, and connection pipes.

## Key Features:

- **Energy Efficient Cooling & Heating:** 24000 BTU cooling capacity and 23000 BTU heating capacity, suitable for up to 1500 sq. ft.
- **Energy-saving Design:** ETL certified with ECO mode and inverter technology, achieving 21 SEER2 and 10 HSPF2.
- **4-in-1 Functionality:** Offers cool, heat, fan, and dry modes.
- **Multiple Control Options:** Remote control, WiFi connection with smart App control, and compatibility with Alexa or Google Assistant.
- **Quiet Operation:** Low noise level of 38 dB and a 0-24 hour timer for peaceful sleep.
- **Self-Cleaning Function:** 134.6°F high-temperature self-cleaning and auto defrost for easy maintenance.
- **Air Flow:** 360° air flow supply with low/medium/high/turbo fan speeds.

## 2. SETUP AND INSTALLATION

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**Important:** The installation of this equipment should be done only by a Licensed HVAC Installer. This ensures proper setup, safety, and adherence to local regulations.

## What's Included in the Package:

# What's Included?

Comes with 2 boxes

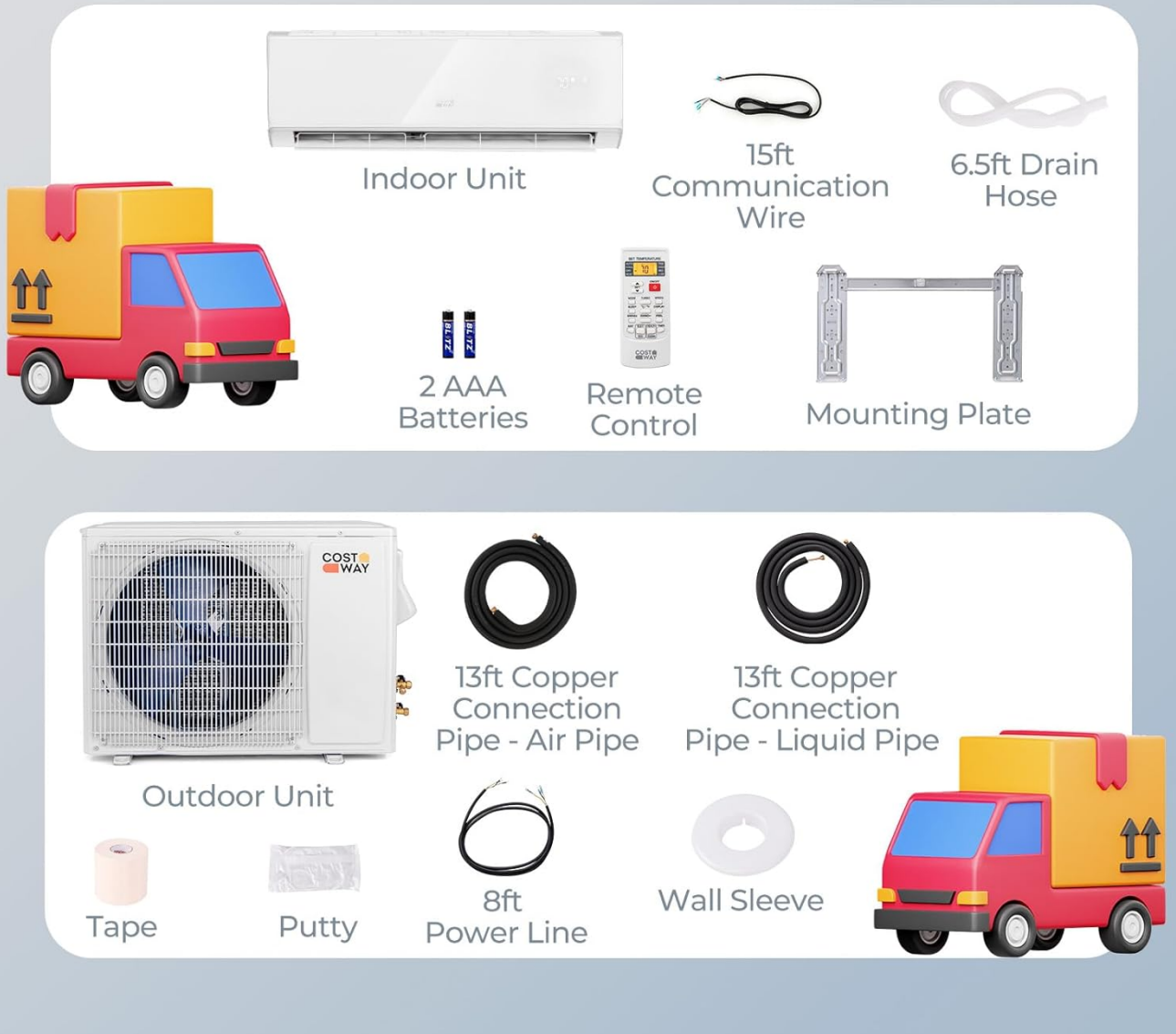


Image: A visual representation of all components included in the two packages: Indoor Unit, Outdoor Unit, Remote Control, AAA Batteries, Mounting Plate, Communication Wire, Drain Hose, Copper Connection Pipes (Liquid and Air), Power Line, Tape, Putty, Wall Sleeve, and User Guide.

- 1 x Indoor Unit
- 1 x Outdoor Unit
- 1 x 13 ft Copper Connection Pipe - Liquid Pipe
- 1 x 13 ft Copper Connection Pipe - Air Pipe
- 1 x 8 ft Power Line
- 1 x 15 ft Communication Wire
- 1 x 6.5 ft Drain Hose
- 1 x Remote Control with 2 Batteries
- 1 x Tape
- 1 x Wall Sleeve
- 1 x Putty
- 1 x User Guide (this document)

Ensure all components are present before beginning installation. Refer to the detailed installation instructions provided in the separate installation guide for your model.

### 3. OPERATING INSTRUCTIONS

#### 3.1. Control Modes



Image: The mini split system can be controlled via its dedicated remote control, a smartphone app, or through voice commands using Amazon Alexa or Google Assistant.

- **Remote Control:** Use the included remote with a digital display for direct control of all functions.
- **Smart App Control (WiFi):** Connect the unit to your home WiFi network and use the dedicated smartphone application for remote control and scheduling.
- **Voice Control:** The unit is compatible with Alexa and Google Assistant for hands-free operation.

#### 3.2. Operating Modes (4-in-1 Design)

# 4-in-1 Air Conditioner



Image: The four primary operating modes of the unit: Cooling (down to 60°F), Heating (up to 90°F), Fan (with Low/Medium/High/Turbo speeds), and Dry (dehumidification up to 92 Pints/Day).

- **Cool Mode:** Provides cooling, adjustable down to 60.8°F (16°C).
- **Heat Mode:** Provides heating, adjustable up to 89.6°F (32°C).
- **Fan Mode:** Circulates air without heating or cooling. Offers Low, Medium, High, and Turbo fan speeds.
- **Dry Mode (Dehumidifier):** Removes excess moisture from the air, with a capacity of 92 Pints/Day.

### 3.3. Advanced Functions

- **Temperature Setting Range:** 60.8°F (16°C) to 89.6°F (32°C).
- **0-24 Hour Timer:** Schedule the unit to turn on or off automatically.
- **Quiet Sleep Mode:** Optimizes operation for low noise during sleep (as low as 38 dB).
- **Swing Function:** Controls the direction of the air flow. The unit features 4-way swing for optimal air distribution.
- **Turbo Mode:** Provides rapid cooling or heating for quick temperature changes.
- **ECO Mode:** Optimizes energy consumption for increased efficiency.
- **iFEEL Function:** The remote control has a built-in temperature sensor that allows the unit to adjust the

temperature based on the remote's location, providing more precise comfort.

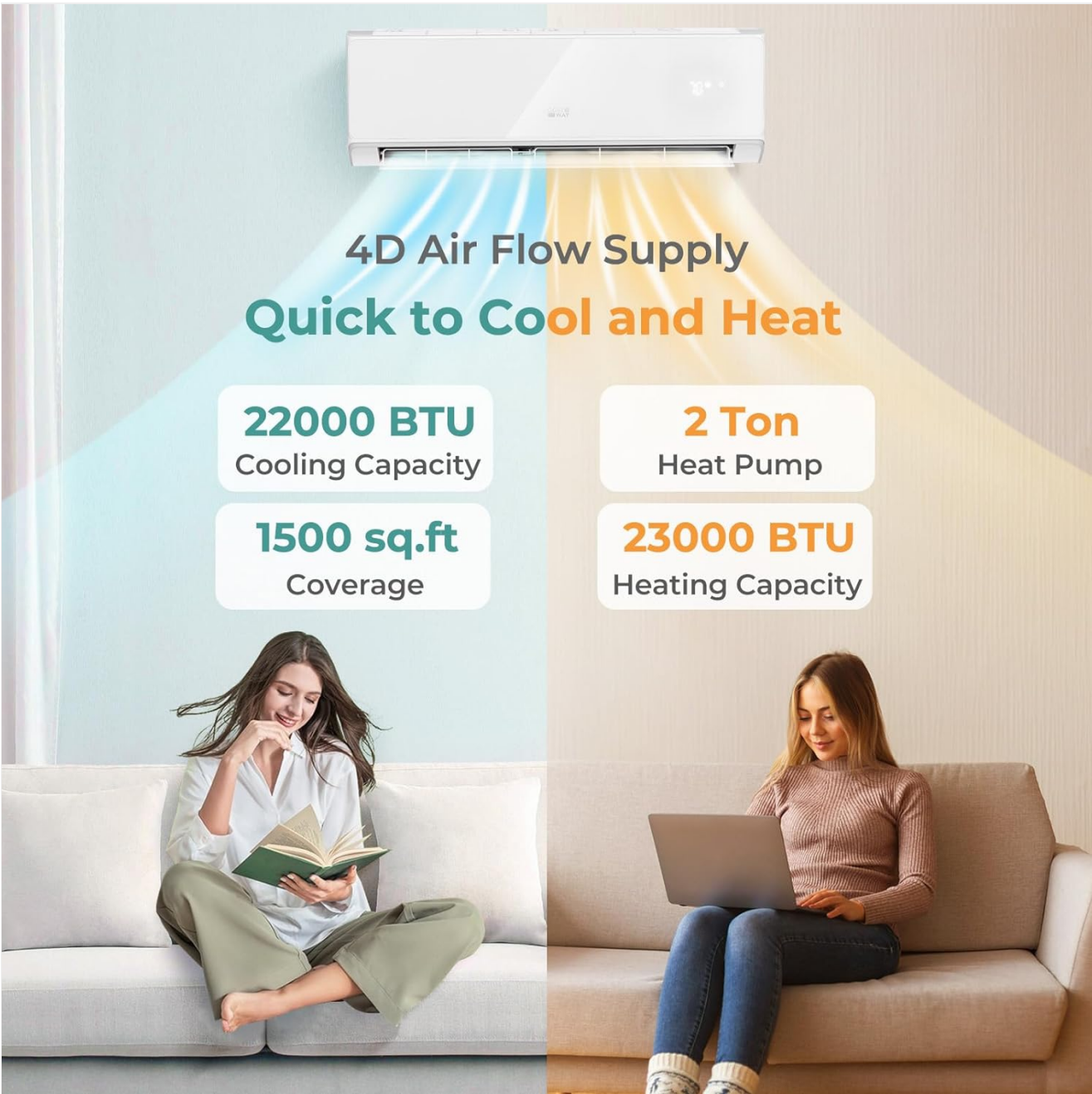


Image: Illustration of the 4D air flow supply, highlighting the 22000 BTU cooling capacity, 1500 sq. ft. coverage, 2 Ton heat pump, and 23000 BTU heating capacity.



Image: A visual representation of the unit's low noise level (38 dB) during operation, ideal for quiet environments like bedrooms, and the 0-24 hour timer function.

## 4. MAINTENANCE

- **High-Temperature Self-Cleaning Function:** The unit features a 134.6°F (57°C) high-temperature self-cleaning function to ensure efficient and effortless cleaning of the indoor coil, promoting better air quality.
- **Washable Filter:** The air filter is removable and can be easily cleaned under running water. Regular cleaning of the filter is recommended to maintain optimal performance and air quality.
- **Auto Defrost Function:** The outdoor unit is equipped with an auto defrost function to prevent ice buildup, especially during heating operation in cold climates, ensuring continuous and efficient performance.

## 5. TROUBLESHOOTING

If you encounter any issues with your COSTWAY Mini Split Air Conditioner & Heater, please refer to the comprehensive troubleshooting section in the full user guide provided with your product. Common issues and their solutions are detailed there.

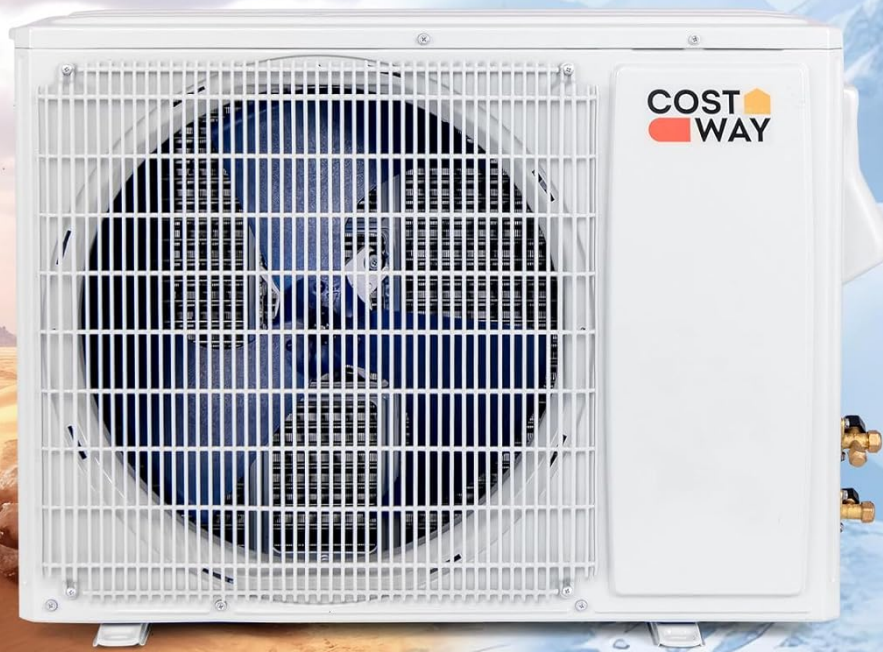
For problems not covered in the manual or for complex technical issues, it is recommended to contact a Licensed

## 6. SPECIFICATIONS



Image: Detailed dimensions of the indoor unit (43" L x 9" W x 13" H) and outdoor unit (35.5" L x 14" W x 27.5" H). Professional installation is required.

# Working Temperature of Outdoor Unit



Works below  
**126°F**  
In cooling

Works above  
**5°F**  
in heating

Tips: The heating effect of this AC starts to decline when the temperature is below 19°F

Image: The outdoor unit operates below 126°F for cooling and above 5°F for heating. Note: Heating effect may decline below 19°F.

Specification	Value
Model Number	10030-CYJV
Cooling Capacity	24000 BTU (22000 BTU actual)
Heating Capacity	23000 BTU
Voltage	208-230V~60Hz/1PH
Max. Input Power	2800W
Max. Input Current	15A
Coverage Area	Up to 1500 sq. ft.
Air Flow Rate	765 CFM

Temperature Setting Range	60.8°F (16°C) ~ 89.6°F (32°C)
Refrigerant	R32
SEER2	21
HSPF2	10
Indoor Noise Level	38 dB
Outdoor Noise Level	55.5 dB
Indoor Unit Size (L x W x H)	43" x 9" x 13"
Outdoor Unit Size (L x W x H)	35.5" x 14" x 27.5"
Total Net Weight	136.5 lbs
Color	White
Certifications	ETL, AHRI

## 7. WARRANTY AND SUPPORT

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### 7.1. Manufacturer's Warranty

COSTWAY provides an industry-leading manufacturer's warranty for this product. This warranty includes:

- **5 years** of parts replacement coverage.
- **8 years** of compressor coverage.

This warranty ensures reliability and customer confidence in the product for years to come.

### 7.2. Customer Support

For any inquiries, technical assistance, or warranty claims, please contact COSTWAY customer support. Refer to the contact information provided in your product packaging or on the official COSTWAY website.

**Note:** As stated previously, installation of this equipment should only be performed by a Licensed HVAC Installer. Unauthorized installation may void the warranty.