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› COSTWAY 18,000 BTU Mini Split Air Conditioner User Manual

COSTWAY FP10518US-12WH

COSTWAY 18,000 BTU Mini Split Air Conditioner User Manual

Model: FP10518US-12WH | Brand: COSTWAY

INTRODUCTION

This user manual provides comprehensive instructions for the installation, operation, and maintenance of your COSTWAY 18,000 BTU Mini Split Air Conditioner. Designed for year-round comfort, this Energy Star certified unit features advanced inverter technology, a heat pump, and multiple operating modes to efficiently cool and heat spaces up to 1250 sq.ft. Please read this manual thoroughly before use to ensure safe and optimal performance of your appliance.

PRODUCT OVERVIEW

The COSTWAY 18,000 BTU Mini Split Air Conditioner is an advanced climate control system offering superior energy efficiency and versatile functionality. Key features include:

- **Energy Star & AHRI Certified:** Most efficient 2024 Energy Star verified, ensuring lower operating costs and environmental friendliness with a 21 SEER2 rating and 9 HSPF2 rating.
- **Powerful Output:** 17,000 BTU cooling capacity and 17,700 BTU heating capacity, covering up to 1250 sq.ft.
- **Innovative Inverter Technology:** Adjusts compressor speed for stable temperature maintenance and reduced energy consumption.
- **4-in-1 Design:** Offers Cool, Dry, Heat, and Fan modes for year-round comfort.
- **Quiet Operation:** Indoor unit operates at less than 49 dB, ensuring undisturbed sleep.
- **R32 Refrigerant:** Pre-charged with eco-conscious R32 refrigerant, which has a lower Global Warming Potential compared to R410A.
- **Full Control Remote:** Includes a remote control with a 26 ft effective range, child lock, and various functions like °F/°C display, turbo mode, sleep mode, and 24H timer.
- **Self-Cleaning Function:** High-temperature self-cleaning at 135°F simplifies maintenance and promotes healthier air.



Figure 1: COSTWAY Mini Split Air Conditioner complete system.

Airtural Inverter Split AC Unit

The Natural and Eco Kinda Cooling

- ✓ Higher energy efficiency
- ✓ Lower energy cost



Airtural Series
VS Others

VS

Others
(16 SEER2 AC Unit)

40%

(SEER2)

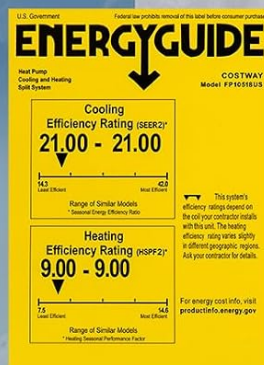


21.0

Airtural Series

16.0

Other Brands



Higher SEER2* Rating = More Savings

*SEER2 is an update version of SEER (Seasonal Energy Efficiency Rating), which better reflects real-time usage.

Figure 2: Remote control for the Mini Split AC unit, providing full access to all modes and functions.

SETUP AND INSTALLATION

The installation of this COSTWAY Mini Split Air Conditioner should be performed by a **Licensed HVAC Installer** to ensure proper functioning, safety, and warranty validity. The unit comes pre-charged with R32 refrigerant.

Included Components:

The package includes all necessary components for installation:

- 1 x Outdoor Unit
- 1 x Indoor Unit
- 1 x 13 ft Copper Connection Pipe - Air Pipe (Diameter: 1/2")
- 1 x 13 ft Copper Connection Pipe - Liquid Pipe (Diameter: 1/4")
- 1 x 6.5 ft Drain Hose
- 1 x 13 ft Communication Wires

- 1 x Remote Control
- 2 x Battery
- 1 x Tape
- 1 x Luting (Putty)
- 1 x User Guide (this manual)

Full Control via Remote

Easily access all modes and functions

7 Modes

[A] Auto
 ❄️ Cool
 ☀️ Heat
 🚫 Dry

🌀 Fan
 😴 Sleep
 ⚡ ECO

4 Wind Speeds

🌀 Low
 🌀 Mid
 🌀 High
 🌀 Turbo

More Features

👁️ Screen Off
 🌡️ °F/°C
 🌀 4D Auto Swing

🕒 24H Timer
 🧼 Self-Cleaning

Figure 3: Package contents and dimensions of the indoor and outdoor units.

Choosing the Right BTU:

Selecting the correct BTU capacity is crucial for efficient operation. Refer to the table below for general guidelines. If the room is in a hot climate, direct sunlight, or poorly insulated, consider adding 20-30% BTUs.

BTU	Approximate Square Feet Coverage
9,000	Up to 450 Sq.Ft
12,000	Up to 750 Sq.Ft

BTU	Approximate Square Feet Coverage
17,000	Up to 1250 Sq.Ft
22,000	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 4: BTU selection guide based on square footage.

OPERATING INSTRUCTIONS

Your COSTWAY Mini Split AC unit offers various modes and functions for optimal comfort, controlled via the included remote.

Operating Modes:

- **Cool Mode:** Provides efficient cooling, adjustable from 60°F to 90°F.
- **Heat Mode:** Functions as a heat pump, providing heating up to 90°F.
- **Dry Mode:** Dehumidifies the air, removing up to 67 Pints/Day.
- **Fan Mode:** Circulates air with adjustable speeds (Low, Mid, High, Turbo).
- **Auto Mode:** Automatically selects the appropriate mode based on the room temperature.
- **Sleep Mode:** Adjusts temperature and fan speed for comfortable sleep and energy saving.
- **ECO Mode:** Optimizes energy consumption for economic operation.

Additional Functions:

- **24H Timer:** Program the unit to turn on or off at specific times.
- **Temperature Display:** Switch between Celsius (°C) and Fahrenheit (°F).
- **4D Auto Swing:** Ensures even air distribution throughout the room.
- **iFEEL Function:** The remote control senses the temperature at its location and adjusts the airflow for localized comfort.
- **Screen Off:** Turn off the display light on the indoor unit for undisturbed sleep.



Efficient Cooling & Heating 1250 Sq.Ft Coverage Area



Cooling Capacity
17000 BTU



Heating Capacity
17700 BTU



Heat Pump
1.5 Ton



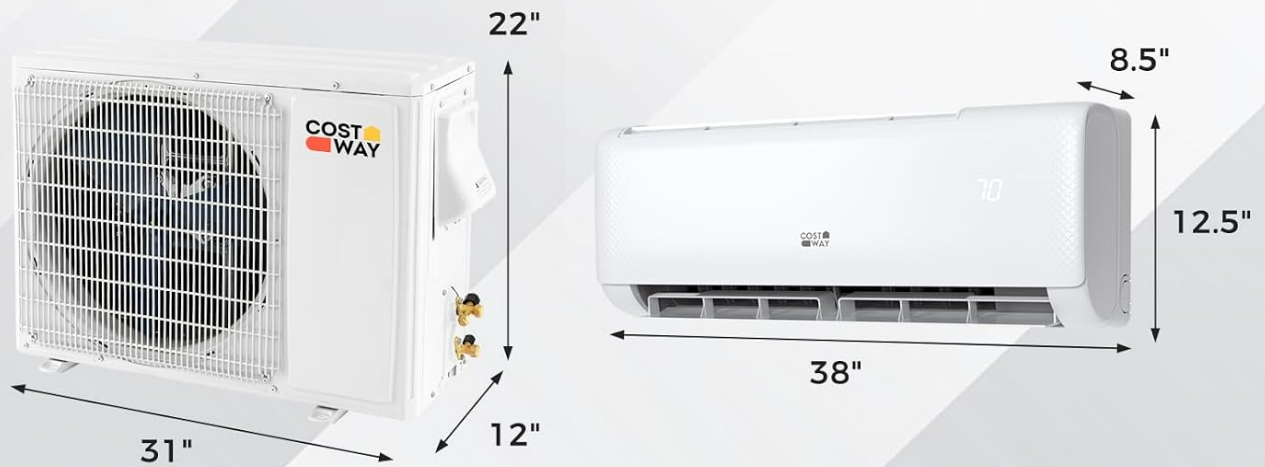
Figure 5: The Mini Split AC unit providing efficient cooling and heating for a comfortable living space.

Come in **Two** Boxes



The delivery time may vary from box to box

Note: the installation should be done only by professionals.



13 ft Copper & Aluminum Connection Pipe - Air Pipe Diameter: 1/2"



13ft Copper & Aluminum Connection Pipe - Liquid Pipe Diameter: 1/4"



Remote Control



Battery



Wall Sleeve



Tape



Luting (Putty)



13 ft Communication Wire



6.5 ft Drain Pipe Diameter: 1/4"

Figure 6: Sleep Soundly at Night - illustrating low noise, 24H timer, and screen off features.

MAINTENANCE

Regular maintenance ensures the longevity and efficiency of your Mini Split AC unit.

Self-Cleaning Function:

The built-in self-cleaning function operates at 135°F to sterilize the indoor coil, simplifying regular cleaning and protecting respiratory health. The process includes condensation, frosting, melting, sterilization, washing, and ventilation.

Filter Maintenance:

The air filters are removable and washable. Regularly clean them under water to maintain optimal air quality and unit performance.

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 7: High-Temperature Self-Cleaning and Removable & Washable Filter for cleaner air.

TROUBLESHOOTING

If you encounter issues with your unit, please refer to the following general troubleshooting tips. For complex problems, contact professional support.

- **Unit not turning on:** Check power supply, ensure remote batteries are functional, and verify the timer setting is not preventing operation.
- **Insufficient cooling/heating:** Ensure filters are clean, doors and windows are closed, and the selected mode and temperature settings are appropriate for the room size and conditions.
- **Unusual noises:** Minor operational sounds are normal. If loud or unusual noises occur, consult a licensed technician.
- **Water leakage from indoor unit:** Check the drain hose for kinks or blockages. Ensure proper drainage slope during installation.

For detailed troubleshooting steps or issues requiring professional attention, please contact COSTWAY customer support.

SPECIFICATIONS

Attribute	Value
Brand Name	COSTWAY
Model Info	FP10518US-12WH
Item Model Number	FP10518US-12WH
Part Number	10418US-CYFP
Cooling Power	18,000 British Thermal Units
Heating Capacity	17,700 British Thermal Units
Coverage Area	Up to 1250 Square Feet
SEER2 Rating	21.00
HSPF2 Rating	8.5
Noise Level	49 dB (Indoor Unit)

Attribute	Value
Voltage	208-230 Volts (AC)
Wattage	1400 watts
Item Weight	25.5 pounds (Indoor Unit)
Product Dimensions (Indoor Unit)	8.5 x 38 x 12.5 inches
Material Type	Metal, Plastic, Copper
Refrigerant Type	R32
Certifications	Energy Star, AHRI Certified, ETL Approved

WARRANTY AND SUPPORT

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

- **Compressor Coverage:** 8 years
- **Parts Replacement:** 5 years
- **Lifetime Technical Support:** Available for all customers.
- **Customer Support:** 24/7 support via phone, email, or live chat.
- **Return Policy:** 30-day return policy.

For any inquiries or assistance, please visit the official COSTWAY store or contact their customer service directly. Installation of this equipment should only be done by a Licensed HVAC Installer to ensure warranty coverage.

Warehouse Network

Trade Space for Speed,
Boost Efficiency with Density



Automated Warehousing Facilities



High Daily Unloading&Delivery



Number of Warehouses 20+



200+ Million Products Sold Worldwide



Figure 8: COSTWAY provides extended service and premium support.

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

Why does my Costway FP10318US-12WH mini split outdoor fan stop after one minute while the motherboard blinks 4 times?

Based on Costway mini split technical documentation, a 4-blink error code on the outdoor unit motherboard typically indicates an Outdoor Unit Discharge Temperature Sensor failure or a Compressor Exhaust High-Temperature Protection event. Given that your...

[Read full answer](#)