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› [YITAHOME 24K BTU Dual Zone Mini Split AC/Heating System Instruction Manual](#)

YITAHOME MAYIHCAITw

YITAHOME 24K BTU Dual Zone Mini Split AC/Heating System Instruction Manual

Model: MAYIHCAITw

1. PRODUCT OVERVIEW

The YITAHOME 24K BTU Dual Zone Mini Split AC/Heating System provides energy-efficient climate control for areas up to 1100 square feet. This system features a high-power inverter compressor and heat pump, offering both cooling and heating functionalities. It is ETL and AHRI certified, ensuring reliability and energy efficiency. The system operates quietly, with noise levels below 42 decibels, and includes WiFi connectivity for remote control via a smartphone app, compatible with Alexa.

1100 SQ FT COVERAGE

COOLING CAPACITY
24000 BTU

HEATING CAPACITY
24000 BTU

HEAT PUMP
2 TON



Image: The YITAHOME Mini Split AC unit demonstrating its cooling and heating capabilities, covering an area of 1100 square feet with 24000 BTU capacity.



Image: An illustration comparing the YITAHOME mini-split system to central and window air conditioners, emphasizing its benefits such as less noise, energy saving, space saving, flexibility, lower maintenance, and dehumidifying mode.

2. KEY FEATURES

- **Energy Efficient Inverter Technology:** Equipped with a high-power compressor and heat pump, providing optimal performance with up to 25% energy savings.
- **Quiet Operation:** Operates with noise levels below 42 decibels, ensuring a tranquil environment.
- **4D Airflow:** Delivers air up to 50 feet, creating a comprehensive 4D air circulation within the room.
- **All-Weather Performance:** Designed to function effectively in temperatures ranging from 5°F to 118°F.
- **Smart Control:** WiFi-enabled and compatible with Alexa for convenient remote operation.
- **Advanced Compressor:** Features an upgraded rotary compressor for high efficiency, energy saving, and precise control.
- **R32 Refrigerant:** Pre-loaded with R32 refrigerant, which has a low Global Warming Potential (GWP) and does not deplete the ozone layer.

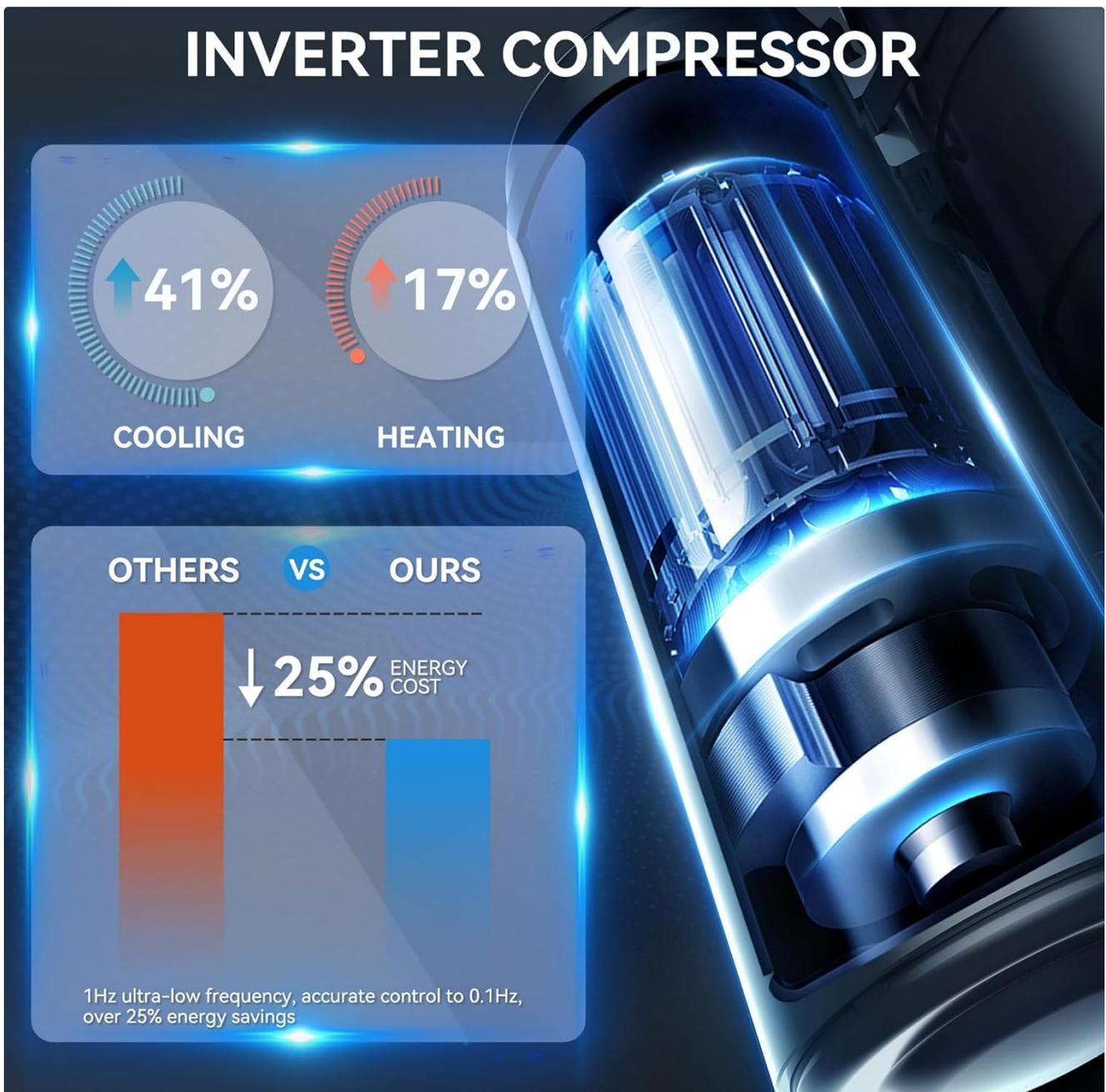


Image: An illustration detailing the inverter compressor technology, highlighting its energy efficiency with 25% energy cost savings compared to traditional systems.

ULTRA-QUIET OPERATION



Timing 0.5-24H



Low noise $\leq 42\text{dB}$

Image: A bedroom setting illustrating the ultra-quiet operation of the AC unit, with a noise level of 42 decibels, ensuring undisturbed sleep.

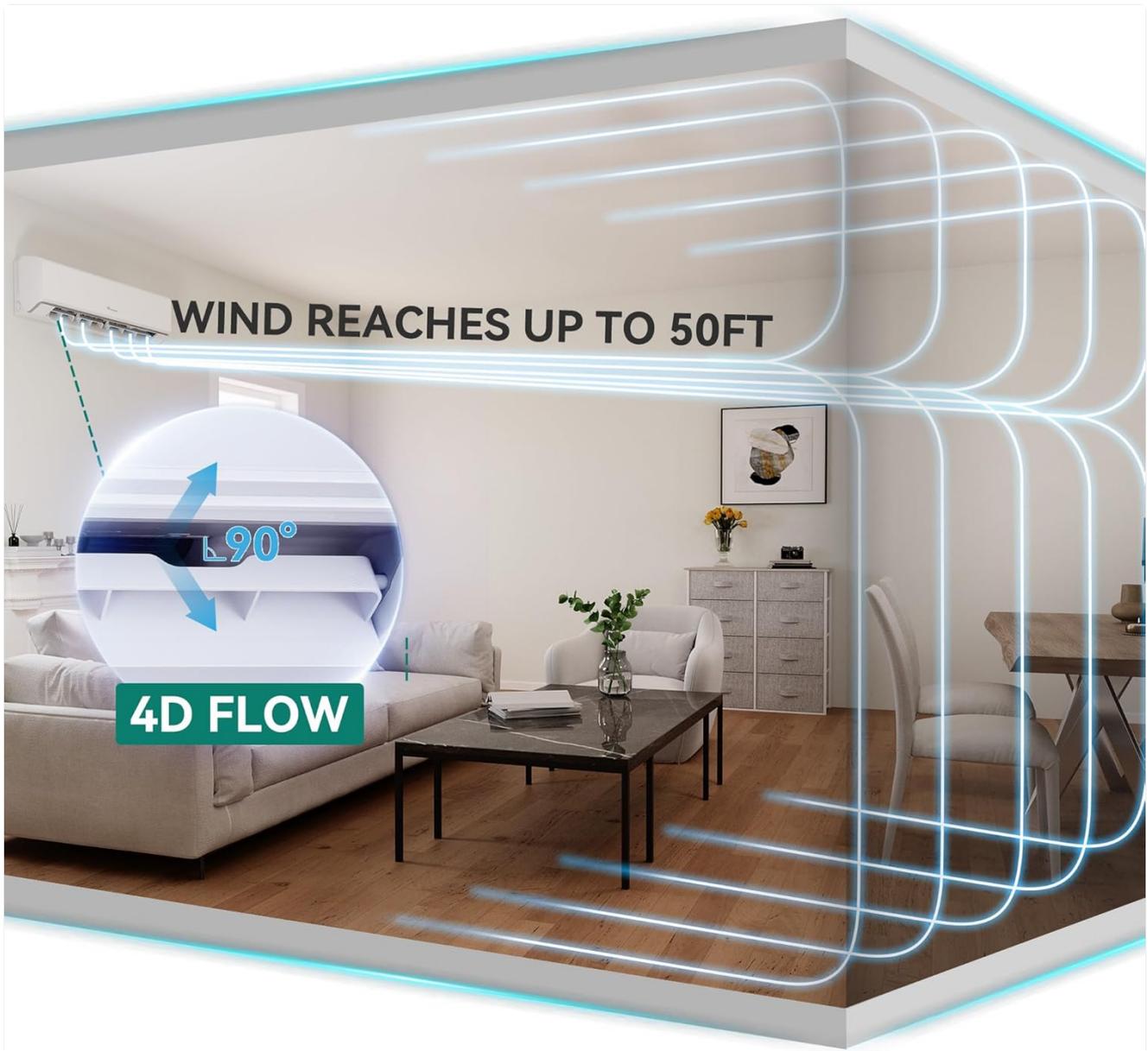


Image: A diagram illustrating the 4D airflow distribution, showing how the air reaches up to 50 feet to ensure even temperature throughout the room.

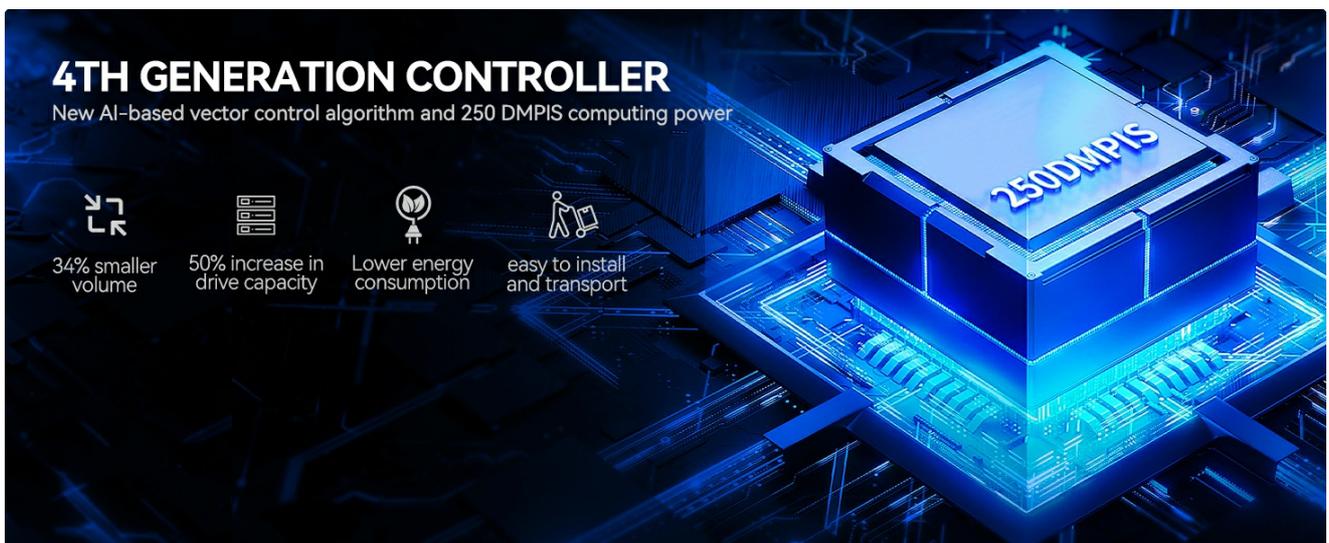


Image: A detailed view of the upgraded rotary compressor, highlighting its high efficiency, energy-saving capabilities, and precise control for optimal performance.

FLUORINE LEAK PROTECTION

If there's a leak, the control system shuts down immediately



Image: A diagram illustrating the benefits of the pre-loaded R32 refrigerant, emphasizing its recyclability, high efficiency, energy efficiency, and secure nature.

3. SETUP AND INSTALLATION

The YITAHOME Dual Zone Mini Split system includes an indoor unit, an outdoor unit, a multifunctional remote control, and a comprehensive installation kit. **Professional installation is required for this system.** The system ships in 5 packages, which may arrive separately.

Included Components:

- Outdoor Unit
- Indoor Unit (2 units for dual zone)
- Multifunctional Remote Control
- User Guide
- 14 ft Communication Wire
- 6.56 ft Drain Hose
- 16.4 ft Copper Connection Pipe-Air Pipe (2 sets)
- 16.4 ft Copper Connection Pipe-Liquid Pipe (2 sets)
- Tape
- Putty

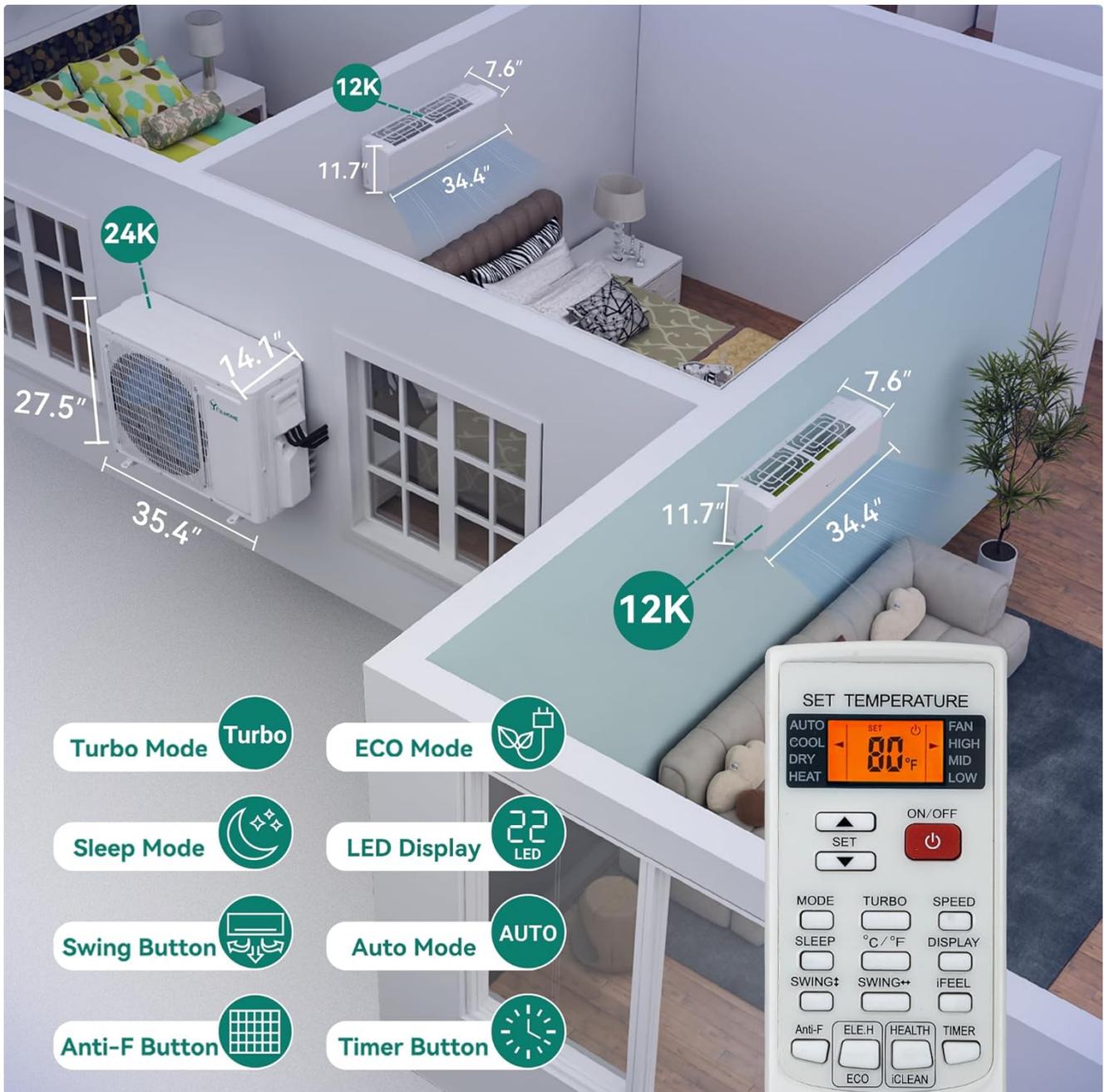


Image: A detailed diagram showing the dimensions of the indoor and outdoor units, along with a visual representation of the included installation components and remote control functions.

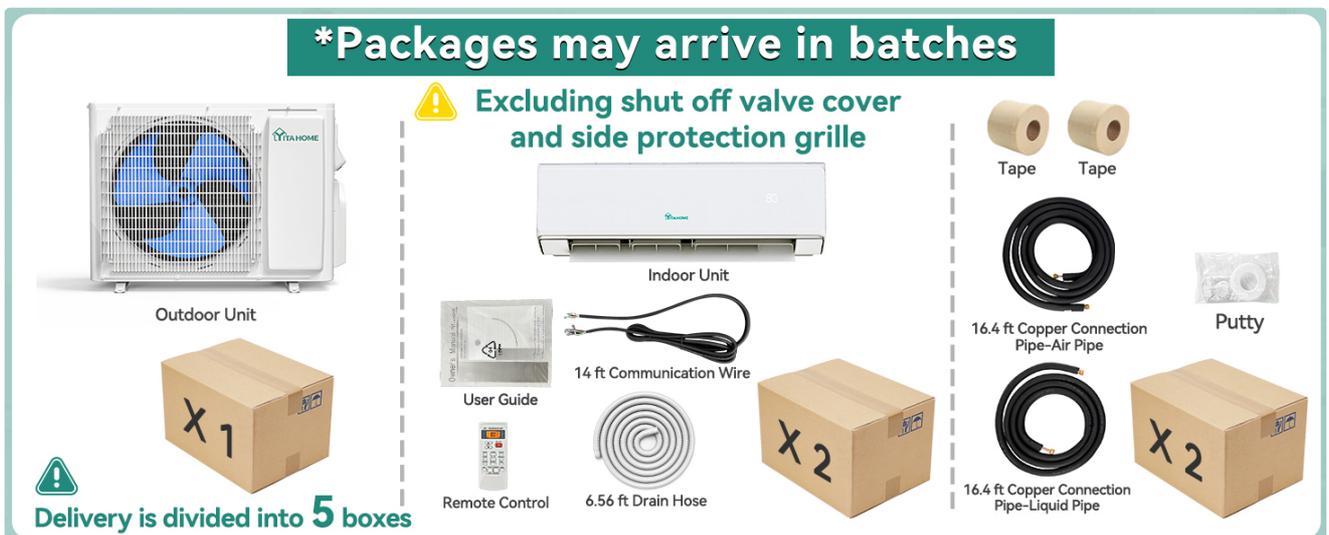


Image: An illustration demonstrating the Fluorine Leak Protection feature, which automatically shuts down the system if a leak is detected, ensuring safety and preventing damage.

4. OPERATING MODES

The YITAHOME Mini Split AC/Heating System offers five distinct operating modes to suit various climate control needs:

- **Auto Mode:** Automatically selects the appropriate mode (cool, heat, or fan) based on the ambient temperature.
- **Cool Mode:** Provides cooling, adjustable between 60°F and 90°F.
- **Dry Mode:** Dehumidifies the air to reduce moisture levels.
- **Heat Mode:** Provides heating, adjustable between 60°F and 90°F.
- **Fan Mode:** Circulates air without heating or cooling, with adjustable fan speeds (low, mid, high).

Additional features include iFEEL mode, a 24-hour timer, sleep mode, energy-saving mode, swing mode for optimal air distribution, and an Off-screen button for display control.



Image: An infographic visually representing the five operating modes: Cool, Dry, Fan, and Heat, with their respective functions and temperature ranges.



Image: A smartphone screen showing the YITAHOME application, demonstrating remote control capabilities via WiFi, compatible with Amazon Alexa and Google Home.

5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your YITAHOME Mini Split system. The air filter is washable and easy to clean. Refer to the detailed user guide for specific cleaning instructions and frequency.

Auto-Cleaning Function:

The system features a 5th-generation auto-cleaning function that uses 57°C high-temperature cleaning for fresher air. This process involves indoor unit condensation, frosting, defrosting, and high-temperature cleaning, followed by outdoor unit frosting and defrosting.

WAGNER SPRAY COATING

Maintains previous settings after power restarts for user convenience



Image: A diagram illustrating the multi-step 5th-Gen Auto-Cleaning process, including condensation, frosting, defrosting, and high-temperature cleaning at 57°C for both indoor and outdoor units.

6. TROUBLESHOOTING

If you encounter issues with your YITAHOME Mini Split system, consider the following general troubleshooting steps. For specific error codes or complex problems, consult the full user manual or contact customer support.

- **No Power:** Check the circuit breaker and ensure the unit is properly plugged in.
- **Insufficient Cooling/Heating:** Verify the set temperature, ensure air filters are clean, and check for any obstructions to airflow.
- **Unusual Noises:** Minor noises during operation are normal. If loud or persistent, consult the manual.
- **Fluorine Leak Protection:** The system is equipped with fluorine leak protection. If a leak is detected, the control system will shut down immediately, displaying an error code (e.g., P3).

Your browser does not support the video tag.

Video: An overview of the YITAHOME Mini Split Air Conditioner / Heat Pump, demonstrating its features and operation. This video is provided by YITAMOTOR (Seller).

7. SPECIFICATIONS

Specification	Value
Brand	YITAHOME
Model Number	MAYIHCAITw
Cooling Power	24000 British Thermal Units (2 Tons)
Seasonal Energy Efficiency Ratio (SEER2)	23.0
Heating Seasonal Performance Factor (HSPF2)	10.0
Voltage	220 Volts
Noise Level	42 Decibels

Specification	Value
Product Dimensions (Indoor Unit)	7.6"D x 34.4"W x 11.7"H
Item Weight (Indoor Unit)	19.8 pounds
Form Factor	Mini-Split
Special Features	Dehumidifier, Heating & Cooling Function, Inverter Compressor, Sleep Mode, WiFi Enabled



Image: The EnergyGuide label displaying the SEER2 (23.0) and HSPF2 (10.0) ratings, alongside AHRI and ETL certifications, indicating the system's energy efficiency and safety compliance.

DIFFERENT FROM CENTRAL AND WINDOW AIR CONDITIONERS



LESS NOISE:
<42 dB



ENERGY SAVING:
High 17-22 SEER energy efficiency



SPACE SAVING:
Wall-mounted, space-efficient



FLEXIBILITY:
Individually controls multiple rooms



MAINTENANCE COST:
Separate installation, convenient repairs and maintenance



DEHUMIDIFYING MODE:
One-touch drying, prevent humidity

Image: A diagram providing BTU to square footage recommendations and illustrating the wide operating temperature range for both cooling (-13°F to 125.6°F) and heating (-13°F to 75.2°F).

8. WARRANTY AND SUPPORT

The YITAHOME Mini Split AC/Heating System comes with a **5-year warranty on parts** and a **7-year warranty on the compressor**.

Customer Support:

For any inquiries, missing or damaged parts, or technical issues, please contact the manufacturer directly. YITAHOME provides 24/7 customer support to assist you.



Image: A thumbs-up icon symbolizing the trusted warranty provided with the product.



Image: A phone icon indicating the availability of 24/7 customer support for assistance.