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> YITAHOME 9000 BTU Mini Split Air Conditioner Heat Pump System User Manual

## YITAHOME MAYIH0rAFH

# YITAHOME 9000 BTU Mini Split Air Conditioner Heat Pump System User Manual

Model: MAYIH0rAFH

## 1. PRODUCT OVERVIEW

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This manual provides detailed instructions for the installation, operation, and maintenance of your YITAHOME 9000 BTU Mini Split Air Conditioner Heat Pump System. This system is designed to provide efficient cooling and heating for spaces up to 450 sq. ft., featuring inverter technology, Wi-Fi, and Alexa compatibility.



Figure 1: Overview of the YITAHOME Mini Split System components, including the indoor unit, outdoor unit, remote control, and a smartphone displaying the Wi-Fi control app.

# 450 SQ FT COVERAGE

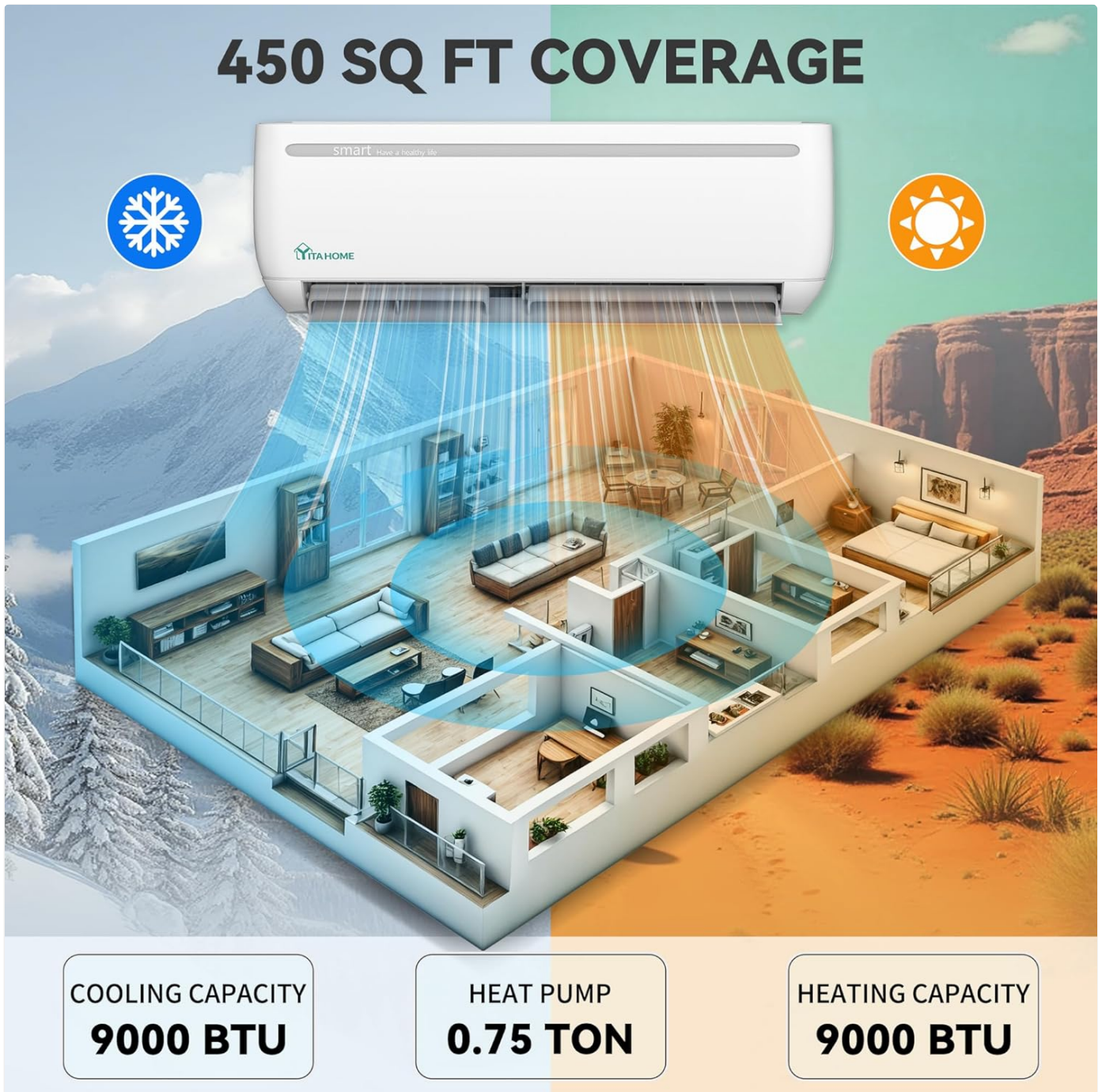


Figure 2: Illustration of the system's coverage area (up to 450 sq. ft.) and its cooling/heating capacities (9000 BTU cooling, 0.75 Ton heat pump, 9000 BTU heating).

## 2. SAFETY INFORMATION

Always read and understand all safety precautions before installing, operating, or performing maintenance on this unit. Failure to follow these instructions could result in property damage, personal injury, or death.

### 2.1 General Safety Precautions

- Installation must be performed by a licensed HVAC professional.
- Ensure the power supply matches the unit's specifications (115V).
- Do not block air inlets or outlets of the indoor or outdoor units.
- Keep children and pets away from the unit during operation.
- Do not insert fingers or objects into the air outlet.

### 2.2 Electrical Safety

- Disconnect power before servicing or cleaning.
- Ensure proper grounding to prevent electric shock.
- Do not use damaged power cords or plugs.

### 3. SETUP AND INSTALLATION

The YITAHOME Mini Split system comes in two packages and includes essential components for installation. Professional installation by a licensed HVAC technician is required.

#### 3.1 Package Contents

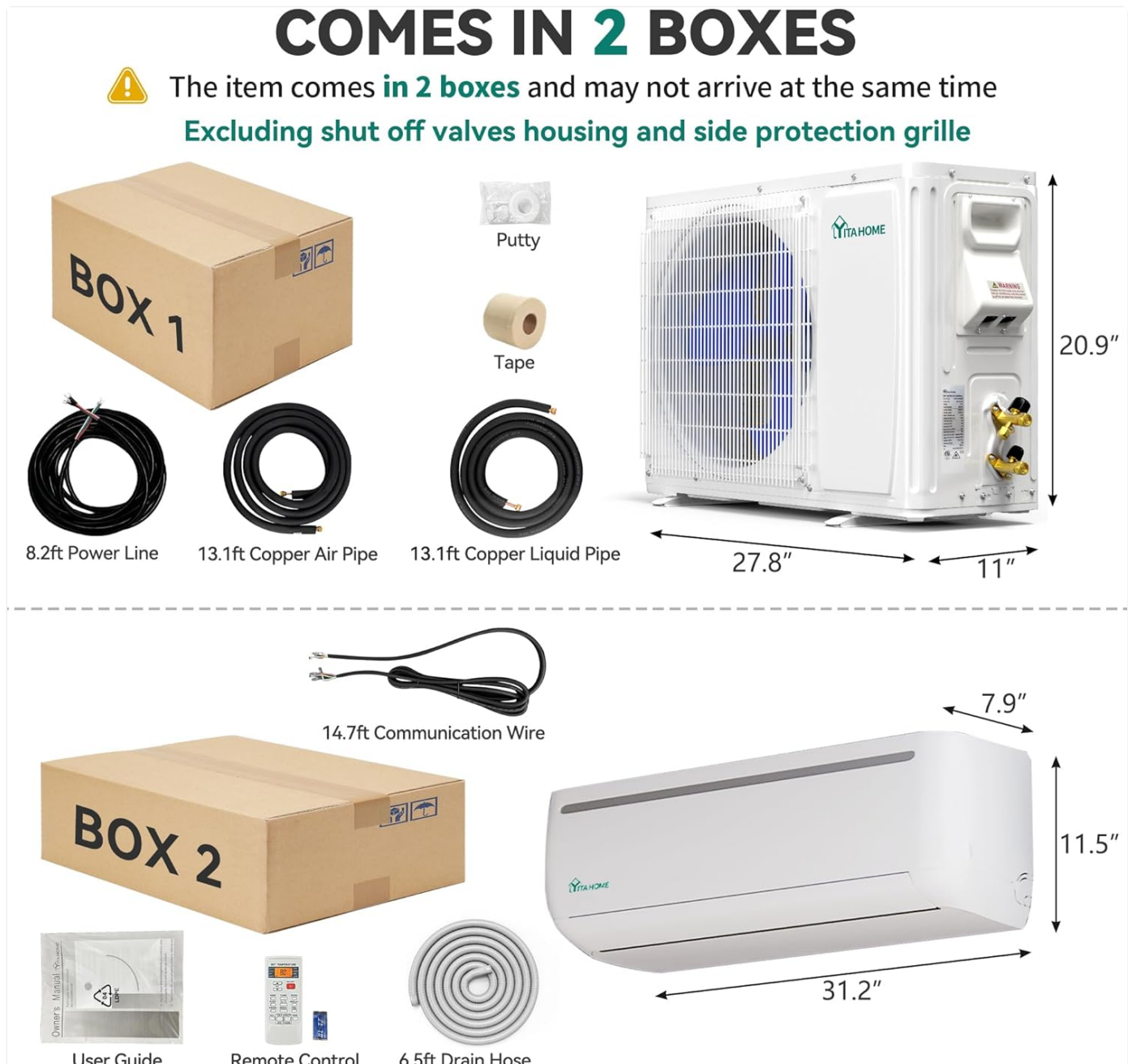


Figure 3: Detailed breakdown of items included in Box 1 (outdoor unit and associated lines) and Box 2 (indoor unit, remote, user guide, and other accessories). Note that shut-off valve housing and side protection grille are excluded.

The package includes:

- Indoor Unit
- Outdoor Unit

- Remote Control
- Installation Kit (including 8.2ft Power Line, 13.1ft Copper Air Pipe, 13.1ft Copper Liquid Pipe, 14.7ft Communication Wire, 6.5ft Drain Hose, Putty, Tape).
- User Guide

*Note: Shut-off valves housing and side protection grille are not included in the installation kit.*

## 3.2 Pre-Installation Checks

- Verify all components are present and undamaged.
- Ensure the installation area meets space and structural requirements.
- Confirm electrical wiring is compatible with 115V.

## 3.3 Professional Installation

Due to the complexity of refrigerant handling and electrical connections, installation must be performed by a licensed HVAC professional. Improper installation can void the warranty and pose safety risks.

# 4. OPERATING INSTRUCTIONS

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Your YITAHOME Mini Split system offers multiple modes and smart control options for optimal comfort.

## 4.1 Control Options

- **Remote Control:** The included remote allows direct control of all functions.
- **Wi-Fi App:** Control your unit remotely via the dedicated smartphone app (available on App Store and Google Play).
- **Alexa Compatibility:** Integrate with Amazon Alexa for voice control.



Figure 4: Remote control via smartphone app, demonstrating Wi-Fi 2.0 connectivity and compatibility with Amazon Alexa and Google Home.

## 4.2 Operating Modes

# MULTIFUNCTIONAL DESIGN



Figure 5: Overview of the remote control and the seven available operating modes, along with featured functions like display control, temperature unit selection, timer, swing, iClean, and health settings.

- **Auto Mode:** Automatically selects cooling or heating based on ambient temperature.
- **Cooling Mode:** Provides cooling with adjustable temperature (60-90°F) and fan speeds.
- **Heating Mode:** Provides heating with adjustable temperature (60-90°F) and fan speeds. Operates effectively from 5°F to 118°F.
- **Drying Mode:** Reduces humidity in the room.
- **Fan Mode:** Circulates air without cooling or heating. Four fan speeds available (Low, Mid, High, Turbo).
- **Sleep Mode:** Adjusts temperature and fan speed for comfortable sleep, with quiet operation (under 42 dB).
- **ECO Mode:** Optimizes energy consumption.

## 4.3 Advanced Features

- **iFEEL:** Senses temperature at the remote control's location for precise comfort.
- **Timer:** Set the unit to turn on or off automatically (0.5-24H).

- **Display Off:** Turn off the indoor unit's display for undisturbed sleep.
- **Auto Defrost:** Prevents ice buildup on the outdoor unit in heating mode.
- **Self-Diagnosis:** Identifies and displays error codes for troubleshooting.
- **135°F Self-Cleaning:** Helps maintain coil cleanliness.
- **Healthy Air Settings:** Includes negative ion, electrostatic, and PM2.5 removal for improved air quality.
- **4D Air Circulation:** Ensures even air distribution with up to 50 ft airflow range.



Figure 6: Features for a full night's sleep, including the option to turn off the screen, activate sleep mode, set a timer (0.5-24 hours), and enjoy quiet operation ( $\leq 42\text{dB}$ ).

# UP TO 50 FT AIRFLOW RANGE

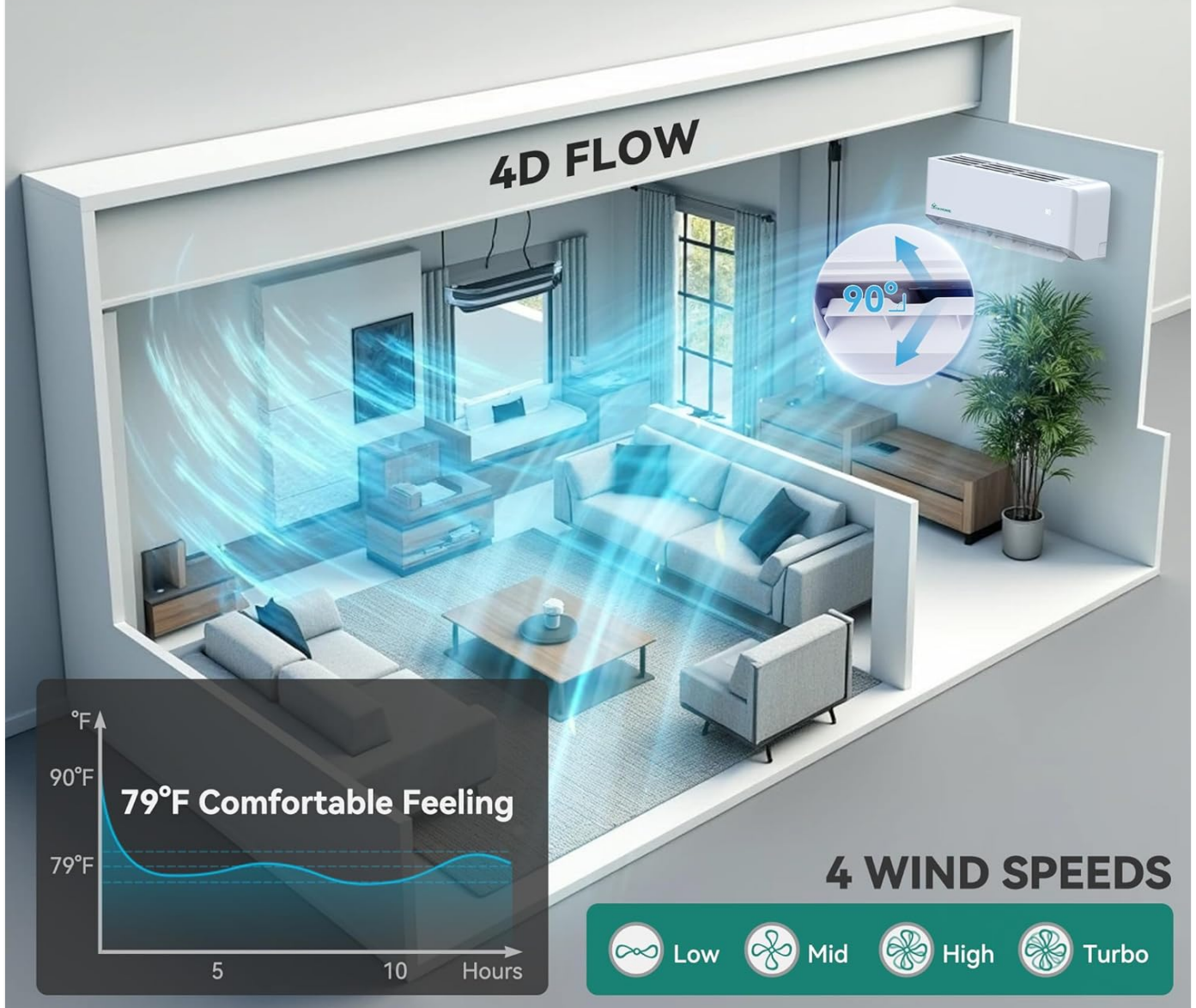


Figure 7: Depiction of the 4D airflow system, providing up to a 50 ft airflow range and ensuring even temperature distribution throughout the room, with four selectable wind speeds.

## 5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your YITAHOME Mini Split system.

### 5.1 Air Filter Cleaning

- The air filter is removable and washable.
- Clean the air filter monthly to maintain air quality and efficiency.
- Refer to the detailed instructions in the included User Guide for filter removal and cleaning procedures.

### 5.2 Self-Cleaning Function

- Utilize the 135°F self-cleaning function to help keep the indoor coil clean.

### 5.3 Professional Servicing

- Annual professional servicing by a licensed HVAC technician is recommended to check refrigerant levels, electrical connections, and overall system health.

## 6. TROUBLESHOOTING

This section provides solutions to common issues. For more complex problems, contact a licensed HVAC professional or YITAHOME customer support.

Problem	Possible Cause	Solution
Unit does not turn on.	No power, remote control batteries dead, circuit breaker tripped.	Check power supply, replace remote batteries, reset circuit breaker.
Insufficient cooling/heating.	Dirty air filter, blocked outdoor unit, incorrect mode/temperature setting, low refrigerant.	Clean air filter, clear obstructions from outdoor unit, verify settings, contact professional for refrigerant check.
Unusual noise.	Loose parts, foreign objects, fan imbalance.	Inspect unit for loose components or objects. If noise persists, contact professional.
Water leakage from indoor unit.	Clogged drain hose, improper installation.	Check and clear drain hose. If issue persists, contact professional.
Wi-Fi connectivity issues.	Router issues, incorrect Wi-Fi settings, app malfunction.	Restart router, reconfigure Wi-Fi settings in app, reinstall app if necessary.

The unit also features a self-diagnosis system that displays error codes. Refer to the full User Guide for a list of error codes and their meanings.

## 7. SPECIFICATIONS

Detailed technical specifications for the YITAHOME 9000 BTU Mini Split Air Conditioner Heat Pump System.

Specification	Value
Model Number	MAYIH0rAFH
Cooling Capacity	9000 BTU
Heating Capacity	9000 BTU (0.75 Tons)
SEER2 Rating	19
Voltage	115 Volts
Coverage Area	Up to 450 Sq. Ft.
Noise Level	Under 42 dB
Operating Temperature Range	5°F to 118°F
Indoor Unit Dimensions (D x W x H)	7.9" x 31.2" x 11.5"

Specification	Value
Outdoor Unit Dimensions (approx.)	27.8" (W) x 11" (D) x 20.9" (H)
Item Weight	22 pounds (indoor unit)
Refrigerant Type	R32
Included Components	Outdoor unit, indoor unit, remote, installation kit

**R32 has a lower GWP and consumes less energy, causing lower global warming potential.**

**SEER2 19**

**HSPF2 8.6**

**REFRIGERANT CHARGE**

Refrigerant	Charge
CO2	1
R32	675
R22	1810
R410A	2088
R11	4750

**30% Reduction**

**Protects the Ozone Layer**

**Recyclable**

**More Economical**

**Eco-Safe**

Figure 8: Energy efficiency details, including SEER2 rating of 19 and HSPF2 of 8.6, and information on the use of R32 refrigerant, which has a lower Global Warming Potential (GWP) compared to R410A.

## 8. WARRANTY AND SUPPORT

### 8.1 Product Warranty

The YITAHOME Mini Split Air Conditioner Heat Pump System comes with a comprehensive warranty:

- **5-Year Warranty** on parts.
- **7-Year Warranty** on the compressor.

This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. Improper installation or unauthorized repairs will void the warranty.



Figure 9: YITAHOME's trusted warranty details, indicating a 5-year warranty on parts and a 7-year warranty on the compressor.

## 8.2 Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact YITAHOME customer support. Refer to the contact information provided in your product packaging or visit the official YITAHOME website.

You can also visit the [YITAHOME Store on Amazon](#) for more information and product resources.