

Klimaïre KIWQ12H2 + KOIQ12H2

KLIMAIRE 12,000 BTU DIY Mini Split Heat Pump Air Conditioner User Manual

Model: KIWQ12H2 + KOIQ12H2

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, maintenance, and troubleshooting of your KLIMAIRE 12,000 BTU Do-it-Yourself Mini Split Heat Pump Air Conditioner. Please read this manual thoroughly before installation and operation to ensure proper use and to prevent damage to the unit or injury to yourself.

The KLIMAIRE DIY Mini Split system is designed for easy self-installation, featuring pre-charged quick-connect lines and plug-and-play wiring, eliminating the need for specialized tools or a technician for refrigerant handling.

SAFETY PRECAUTIONS

Always adhere to local electrical codes and regulations. Ensure the power supply is disconnected before performing any installation or maintenance. Only use original replacement parts. Do not attempt repairs beyond the scope of this manual. Consult a qualified professional for complex issues.

- Ensure proper grounding of the unit.
- Do not block air inlets or outlets.
- Keep children away from the unit during operation.
- Do not insert objects into the unit.

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Indoor Wall Mount Unit

- Outdoor Condenser Unit
- 25-ft Pre-Charged Quick-Connect Line Set
- 25-ft Plug-in Interconnecting Wire Cable
- Wall Mounting Bracket for Indoor Unit
- Remote Control
- Installation Accessories (drain hose, insulation tape, etc.)
- Healthy Filters



Figure 1: Complete KLIMAIRE Mini Split System Package Contents.



Figure 2: Detailed view of included installation accessories.

SETUP AND INSTALLATION

The KLIMAIRE DIY Mini Split system is designed for straightforward installation. Follow these steps carefully.

1. Site Selection

- **Indoor Unit:** Choose a location that allows for even air distribution throughout the room. Ensure sufficient clearance around the unit for maintenance and airflow.
- **Outdoor Unit:** Select a stable, level surface away from direct sunlight and obstructions. Ensure adequate space for airflow around the unit and for future maintenance.

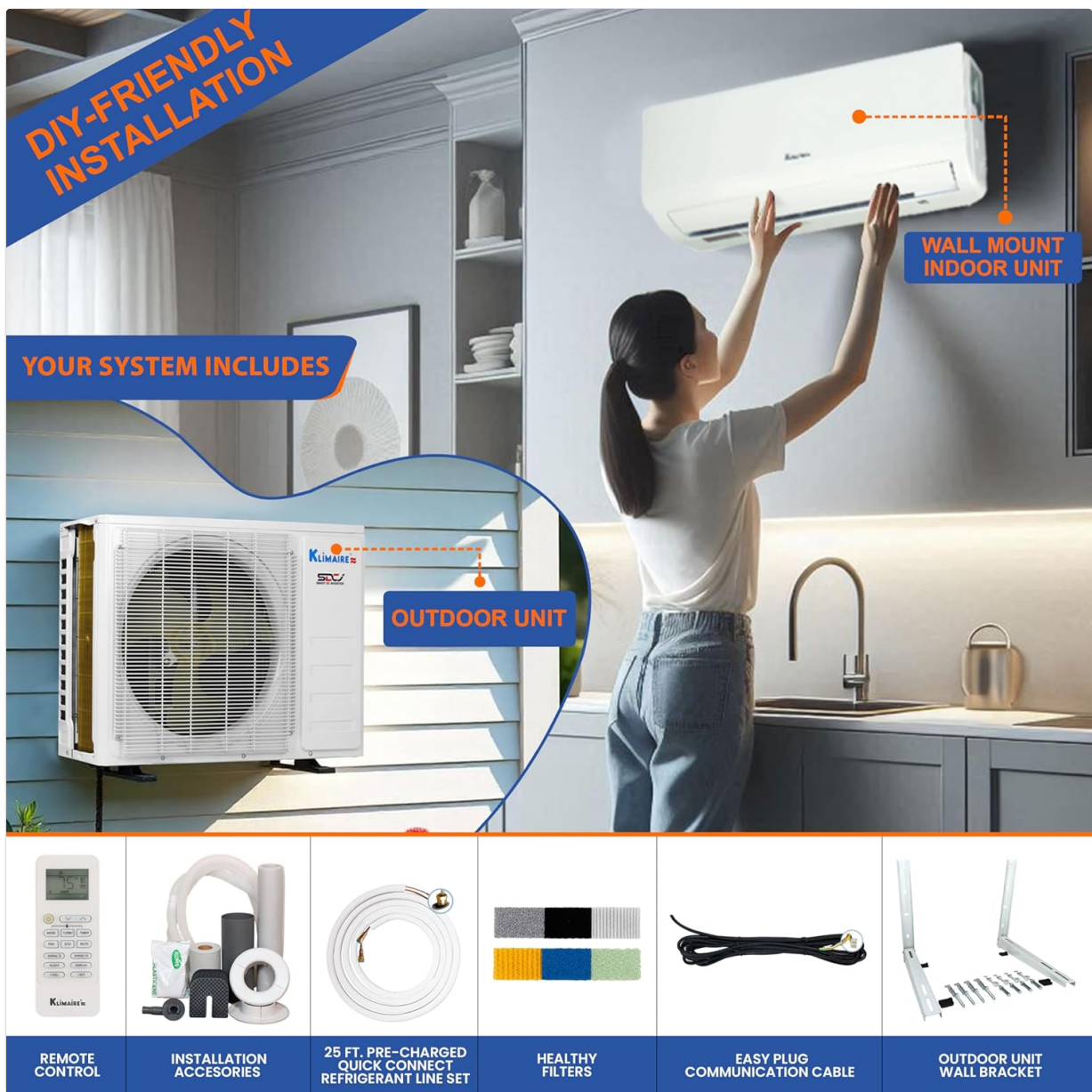


Figure 3: Recommended placement for indoor and outdoor units for DIY installation.

2. Mounting the Indoor Unit

1. Attach the mounting plate to the wall, ensuring it is level and securely fastened.
2. Drill a hole through the wall for the refrigerant lines, drain hose, and electrical cable.
3. Connect the quick-connect lines and electrical cable to the indoor unit.
4. Mount the indoor unit onto the mounting plate.

3. Installing the Outdoor Unit

1. Place the outdoor unit on a stable, level surface or mount it using the provided wall bracket.
2. Connect the quick-connect lines from the indoor unit to the outdoor unit. Ensure connections are tight to prevent leaks.
3. Connect the interconnecting electrical cable between the indoor and outdoor units.
4. Connect the main power supply to the outdoor unit, following all electrical safety guidelines.

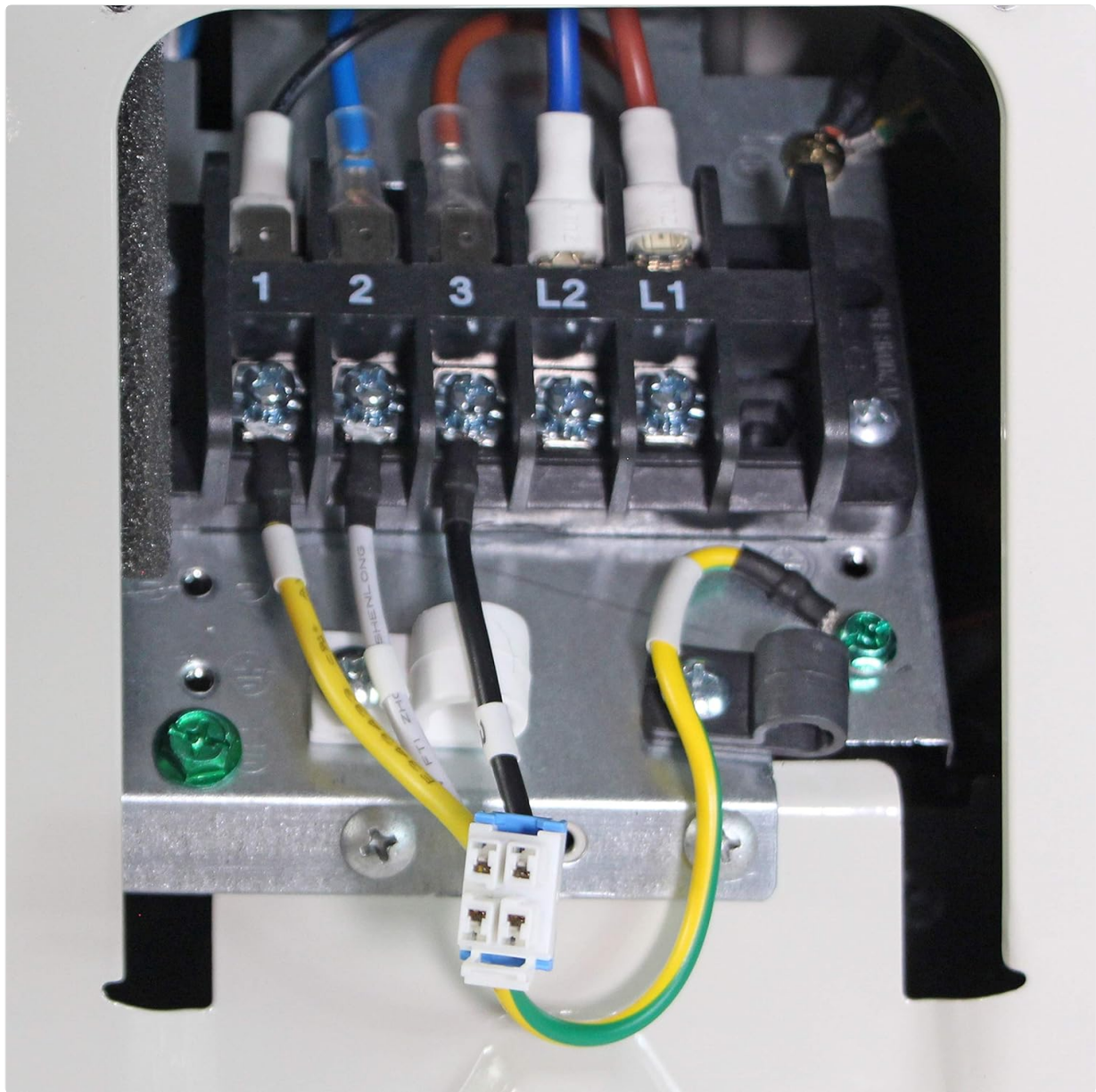


Figure 4: Electrical connections for the outdoor unit.



Figure 5: Front view of the outdoor unit.



Figure 6: Side view of the outdoor unit with enhanced rear grille protection.

OPERATING INSTRUCTIONS

Your KLIMAIRE Mini Split system can be controlled via the included remote control or the Smart Life App.

Remote Control Operation

The remote control allows you to adjust temperature, mode, fan speed, and other settings.

- **Power Button:** Turns the unit ON/OFF.
- **Mode Button:** Cycles through modes: Auto, Cool, Dry, Heat, Fan.
- **Temperature Buttons:** Adjusts the set temperature.
- **Fan Speed Button:** Selects fan speed (Auto, Low, Medium, High).
- **Sleep Mode:** Optimizes temperature for comfortable sleep.
- **Turbo Mode:** Provides rapid cooling or heating.

Smart Life App and Voice Control

For enhanced convenience, download the Smart Life App to control your unit from anywhere. The system is also compatible with Alexa and Google Home for voice commands.

1. Download the "Smart Life" app from your device's app store.
2. Follow the in-app instructions to connect your KLIMAIRE Mini Split unit to your Wi-Fi network.
3. Once connected, you can control all functions remotely.
4. Enable the Smart Life skill/action in your Alexa or Google Home app to use voice commands.

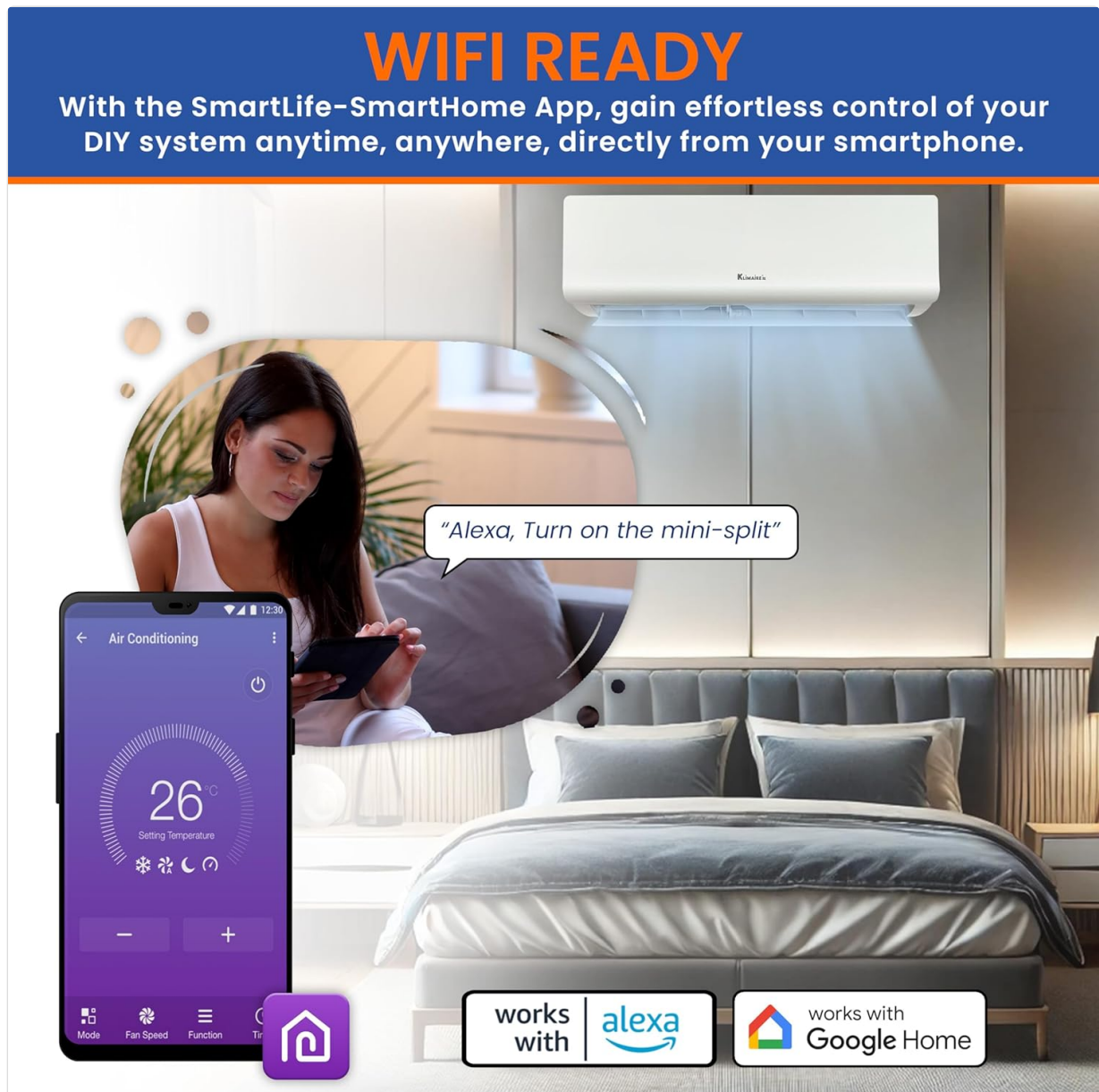


Figure 7: Smart Life App and Voice Control Integration.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your unit.

1. Air Filter Cleaning

- Clean the air filters every two weeks or more frequently depending on usage and air quality.
- Open the front panel of the indoor unit and remove the filters.
- Wash filters with lukewarm water and mild detergent, or vacuum them.

- Allow filters to dry completely before reinserting.

2. Outdoor Unit Cleaning

- Periodically clear any debris (leaves, dirt) from around the outdoor unit.
- Gently clean the outdoor coil fins with a soft brush or water hose. Avoid bending the fins.

3. Self-Clean Function

The unit features a Self-Clean technology to prevent mold and bacteria buildup on the indoor coil. Refer to your remote control or app for activating this function.

TROUBLESHOOTING

Refer to the table below for common issues and their solutions.

Problem	Possible Cause	Solution
Unit does not turn on	No power supply; Remote control batteries dead	Check circuit breaker; Replace remote batteries
Insufficient cooling/heating	Dirty air filters; Blocked outdoor unit; Low refrigerant	Clean filters; Clear obstructions; Contact support for refrigerant check (if not DIY related)
Unusual noise	Loose parts; Fan obstruction	Inspect for loose components; Clear fan area
Water leakage from indoor unit	Clogged drain hose; Improper installation angle	Clear drain hose; Re-check unit leveling

For issues not listed or if solutions do not resolve the problem, please contact KLIMAIRE customer support.

SPECIFICATIONS

Feature	Detail
Brand	Klimaïre
Model Numbers	KIWQ12H2 (Indoor) + KOIQ12H2 (Outdoor)
Capacity	12,000 BTU (1 Ton)
SEER Efficiency	19.0 SEER
Voltage	230 Volts
Cooling Range	5°F to 86°F
Heating Range	-13°F to 86°F
Noise Level (Indoor)	34 dB

Feature	Detail
Refrigerant Type	R-410A (Pre-charged)
Pre-Charged Line Length	25 feet
Recommended Area	Up to 550 sq. ft.
Special Features	Auto Clean, Auto Restart, Dry Mode, Auto Mode, Sleep Mode, Self Diagnosis, Turbo Mode, Long Air Discharge, WiFi Ready (Smart Life App, Alexa, Google Home), Anti-Corrosive Golden Fin Technology



Figure 8: Detailed System Specifications and Dimensions.



Figure 9: Key Features of the KLIMAIRE Mini Split System.

WARRANTY AND SUPPORT

Your KLIMAIRE Mini Split Heat Pump Air Conditioner is backed by a comprehensive warranty:

- **5-year Parts Warranty**
- **7-year Compressor Warranty**

For warranty claims, technical assistance, or any inquiries, please contact KLIMAIRE customer support. Ensure you have your model number and purchase date available when contacting support. For more information, visit the official [KlimaStore on Amazon](#).