

KingHome KW18HQ2B8D

KingHome KW18HQ2B8D 20 SEER Split Unit User Manual

Model: KW18HQ2B8D | Brand: KingHome

1. INTRODUCTION

Thank you for choosing the KingHome KW18HQ2B8D 20 SEER Split Unit. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your new air conditioning system. Please read this manual thoroughly before installation and use, and retain it for future reference.

This high-efficiency split unit is designed to provide optimal cooling and heating performance for your indoor environment, featuring a 20 SEER rating for energy efficiency and a convenient LED display.

2. SAFETY INFORMATION

Always adhere to the following safety precautions to prevent injury or damage to the unit.

- **Electrical Safety:** Ensure the unit is properly grounded. Do not operate with wet hands. Disconnect power before any maintenance or cleaning.
- **Installation:** Installation must be performed by a qualified professional in accordance with local electrical and building codes.
- **Refrigerant:** This unit uses R410A refrigerant. Handle with care and ensure proper ventilation during installation and servicing.
- **Children and Pets:** Keep children and pets away from the unit, especially during operation and maintenance.
- **Ventilation:** Ensure adequate ventilation around the outdoor unit for optimal performance and safety.
- **Cleaning:** Use only recommended cleaning agents. Do not spray water directly onto electrical components.

3. PACKAGE CONTENTS

Upon unpacking, verify that all components are present and undamaged. If any items are missing or damaged, contact your dealer immediately.

- Indoor Unit (Evaporator)
- Outdoor Unit (Condenser)
- Remote Control with Batteries
- User Manual (this document)

- Installation Kit (includes copper piping, drain hose, electrical wire, insulation tape - specific components may vary)



Figure 3.1: The KingHome KW18HQ2B8D split unit showing both the indoor evaporator unit (left) and the outdoor condenser unit (right). The indoor unit is a white rectangular box with a subtle display, and the outdoor unit is a larger white rectangular box with a protective grille over the fan.

4. SETUP AND INSTALLATION

Important: Installation of this split system air conditioner requires specialized tools and knowledge. It must be performed by a certified HVAC technician to ensure proper operation, safety, and warranty validity.

4.1 Pre-Installation Checks

- Verify the electrical supply matches the unit's requirements (230 Volts).
- Ensure the installation location for both indoor and outdoor units allows for proper airflow and maintenance access.
- Confirm the wall structure can support the weight of the indoor unit.

4.2 Installation Steps (Overview for Technician)

1. Mount the indoor unit's mounting plate on the wall.
2. Drill a hole for the refrigerant piping and drain hose.
3. Connect the refrigerant lines and electrical wiring between the indoor and outdoor units.
4. Perform vacuuming and refrigerant charging (if necessary).
5. Secure the outdoor unit on a stable, level surface.
6. Connect the drain hose and ensure proper drainage.
7. Test the system for leaks and proper operation.

5. OPERATING INSTRUCTIONS

Your KingHome split unit is operated primarily via the wireless remote control. Ensure batteries are correctly inserted.

5.1 Remote Control Functions

- **ON/OFF Button:** Powers the unit on or off.
- **MODE Button:** Cycles through operating modes: Auto, Cool, Dry, Fan, Heat.
- **TEMP ▲/▼ Buttons:** Adjusts the desired temperature.

- **FAN Speed Button:** Selects fan speed (Auto, Low, Medium, High).
- **SWING Button:** Controls the louver swing direction.
- **TIMER Button:** Sets the auto-on or auto-off timer.
- **SLEEP Button:** Activates sleep mode for quiet operation and energy saving.
- **LED Display Button:** Toggles the indoor unit's LED display on/off.

5.2 Operating Modes

- **Cool Mode:** Provides cooling. Set desired temperature.
- **Heat Mode:** Provides heating. Set desired temperature.
- **Dry Mode:** Dehumidifies the air.
- **Fan Mode:** Circulates air without heating or cooling.
- **Auto Mode:** Automatically selects cooling or heating based on room temperature.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your unit. Always disconnect power before performing any maintenance.

6.1 Air Filter Cleaning (Every 2 Weeks)

1. Open the front panel of the indoor unit.
2. Remove the air filters.
3. Clean filters with a vacuum cleaner or wash with lukewarm water (below 40°C).
4. Allow filters to dry completely in a shaded area before re-installing.
5. Close the front panel.

6.2 Outdoor Unit Cleaning (Annually)

- Clear any debris (leaves, dirt) from around the outdoor unit.
- Gently clean the condenser coils with a soft brush or low-pressure water spray.
- Ensure the drain pan and drain hose are clear of blockages.

6.3 Professional Servicing (Annually)

It is recommended to have a qualified HVAC technician inspect and service your unit annually to ensure optimal performance, check refrigerant levels, and clean internal components.

7. TROUBLESHOOTING

Before contacting service, please check the following common issues and solutions:

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 filters, blocked outdoor unit, wrong mode selected, low refrigerant.	Clean filters, clear outdoor unit, select correct mode, contact technician for refrigerant check.

Problem	Possible Cause	Solution
Strange noises.	Normal operating sounds (gurgling, clicking), loose parts, fan obstruction.	Identify if sound is normal. If persistent or loud, contact technician.
Water leakage from indoor unit.	Blocked drain hose, improper installation.	Clear drain hose. If problem persists, contact technician.

For error codes displayed on the LED screen, refer to the specific error code section in the full manual (if available) or contact customer support with the code.

8. SPECIFICATIONS

Feature	Detail
Brand	KingHome
Model	KW18HQ2B8D
Capacity	1.5 Tons (18000 British Thermal Units)
SEER Rating	20
Installation Type	Split System
Voltage	230 Volts
Refrigerant	R 410A
Special Feature	LED Display
Color	Violet
Product Dimensions (Indoor Unit)	11.81"D x 38.19"W x 8.82"H

9. WARRANTY AND SUPPORT

KingHome products are manufactured to the highest quality standards. This unit comes with a limited warranty covering defects in materials and workmanship from the date of purchase. Please refer to the warranty card included with your product for specific terms, conditions, and duration.

For technical support, troubleshooting assistance, or to inquire about warranty service, please contact KingHome customer service. Have your model number (KW18HQ2B8D) and purchase date ready when you call.

KingHome Customer Service:

Website: [www.kinghome.com](#) (example link, replace with actual if known)

Email: support@kinghome.com (example email)

Phone: 1-800-XXX-XXXX (example number)

Note: Warranty may be voided if the unit is not installed by a certified professional or if unauthorized modifications are made.

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