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› [TMWINGS](#) /

› TMWINGS 12000 BTU Mini Split AC/Heating System User Manual

TMWINGS KAC-12GWH(E/6)DBp-M100

TMWINGS 12000 BTU Mini Split AC/Heating System User Manual

Model: KAC-12GWH(E/6)DBp-M100

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your TMWINGS 12000 BTU Mini Split AC/Heating System. Please read this manual thoroughly before installation and use, and retain it for future reference.

The TMWINGS 12000 BTU Mini Split AC/Heating System is a ductless inverter air conditioner with a heat pump, designed to provide efficient cooling and heating for spaces up to 750 sq. ft. It features multiple operating modes, energy-saving functions, and quiet operation.

2. SAFETY INFORMATION

Important Safety Instructions:

- Installation must be performed by a qualified and certified HVAC technician in accordance with all local and national electrical and safety codes. Improper installation can result in electric shock, fire, or water leakage.
- Ensure the power supply voltage matches the unit's specifications (208-230V).
- Do not attempt to repair or modify the unit yourself. Contact qualified service personnel for all repairs.
- Keep the area around the outdoor unit clear of obstructions to ensure proper airflow.
- Do not insert fingers or objects into the air inlet/outlet.
- The unit uses R32 refrigerant. Handle with care and ensure proper ventilation during installation and servicing.

3. PACKAGE CONTENTS

Your TMWINGS Mini Split AC/Heating System is delivered in two separate boxes. Verify all components are present and undamaged upon receipt.

Comes in 2 Boxes

Delivery Time For Each Box May Vary

Box1



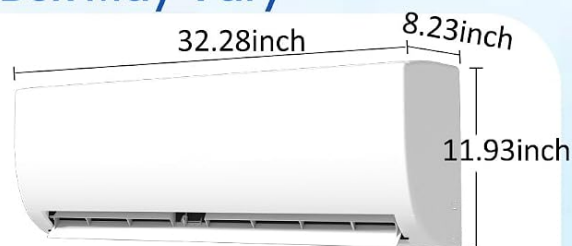
6.56ft Drain pipe



Manual



Remote Control



Indoor Unit



Bracket Template



Mounting Plate



12.47ft Indoor-Outdoor Connection Cable



6.56ft Power Cable

Box2



Outdoor Unit



Plasticine Putty



Tape



Screw Assemblies



9.65ft Copper Liquid Pipe



9.65ft Copper Gas Pipe



Wall Plastic Cover

Image: Components included in the TMWINGS Mini Split AC/Heating System packaging.

Box 1 Contents:

- Indoor Unit
- Remote Control
- Owner's Manual
- 6.56 ft Drain Pipe
- Bracket Template
- Mounting Plate
- 12.47 ft Indoor-Outdoor Connection Cable
- 6.56 ft Power Cable

Box 2 Contents:

- Outdoor Unit

- Plasticine Putty
- Tape
- Screw Assemblies
- 9.65 ft Copper Liquid Pipe
- 9.65 ft Copper Gas Pipe
- Wall Plastic Cover

4. SETUP AND INSTALLATION

The TMWINGS Mini Split AC/Heating System is a split-system unit requiring both an indoor and an outdoor component. Professional installation by a certified HVAC technician is strongly recommended to ensure proper function, safety, and warranty validity.

General Installation Steps (for qualified technicians):

1. **Site Selection:** Choose appropriate locations for both the indoor and outdoor units, ensuring adequate space for airflow, maintenance, and drainage.
2. **Mounting the Indoor Unit:** Use the provided mounting plate and bracket template to securely attach the indoor unit to the wall. Ensure it is level and has proper clearance.
3. **Outdoor Unit Placement:** Position the outdoor unit on a stable, level surface, away from direct sunlight or heavy precipitation, and with sufficient clearance for air circulation.
4. **Refrigerant Line Connection:** Connect the copper liquid and gas pipes between the indoor and outdoor units. Ensure all connections are tight and leak-free.
5. **Drainage Connection:** Install the drain pipe from the indoor unit to ensure proper condensate removal.
6. **Electrical Wiring:** Connect the indoor-outdoor connection cable and the main power cable according to the wiring diagram in the full manual. Ensure all electrical connections are secure and comply with local codes.
7. **Vacuuming and Refrigerant Charging:** Evacuate the refrigerant lines to remove air and moisture. If necessary, add R32 refrigerant to the system.
8. **Test Run:** Perform a test run in both cooling and heating modes to verify proper operation and check for any issues.

5. OPERATING INSTRUCTIONS

Your TMWINGS Mini Split system offers various modes and settings for optimal comfort, controlled via the included remote.

Fast Cooling & Heating



Cooling Capacity
12000 BTU



Heating Capacity
12500 BTU



Heat Pump
1 Ton

Image: The TMWINGS Mini Split system provides both fast cooling and heating.

Total Control at Your Fingertips



Image: Remote control functions for the TMWINGS Mini Split system.

5.1 Operating Modes

- **Cool Mode:** Provides cooling by removing heat from the room. Adjust temperature and fan speed for desired comfort.
- **Heat Mode:** Provides heating by transferring heat into the room. Effective even in low ambient temperatures due to auto-defrost.
- **Dry Mode:** Reduces humidity in the room without significant temperature change.
- **Fan Mode:** Circulates air without cooling or heating. Select from multiple fan speeds.
- **Auto Mode:** The unit automatically selects the appropriate mode (Cool, Heat, or Fan) based on the room temperature and your set temperature.

5.2 Fan Speed Settings

Dual Airflow & 4 Speed Settings Comfort Reaches Every Corner



Image: Dual airflow and four fan speed settings for comprehensive comfort.

The unit offers 4 fan speeds: Low, Mid, High, and Turbo. The Turbo mode provides rapid cooling or heating for quick temperature adjustments.

5.3 Special Functions

- **Sleep Mode:** Operates at a reduced noise level (as low as 42dB) and adjusts temperature gradually for comfortable sleep. The display automatically dims after 10 seconds.
- **ECO Mode:** Optimizes operation to save up to 30% energy while maintaining comfort.
- **24H Timer:** Set the unit to turn on or off automatically within a 24-hour period.
- **Auto Swing:** Activates automatic louver movement for even air distribution.

Ultra - Quiet Operation

Enjoy a comfortable night's sleep

 24H Timer

 Sleep Mode

 Screen Off



Image: Ultra-quiet operation with Sleep Mode and screen dimming for undisturbed rest.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your unit.

6.1 Filter Cleaning



Image: Removable and washable filter for easy cleaning.

The indoor unit is equipped with a washable filter. To clean:

1. Open the front panel of the indoor unit.
2. Carefully remove the air filters.
3. Wash the filters with lukewarm water and a mild detergent. Rinse thoroughly.
4. Allow the filters to dry completely in a shaded area before reinserting them.
5. Clean filters regularly (e.g., every 2-4 weeks) depending on usage and air quality.

6.2 Self-Cleaning Function

The unit features a high-temperature self-cleaning cycle. This function helps to remove dust and bacteria from the indoor coil, promoting cleaner airflow. Refer to your remote control instructions for activating the self-clean function.

6.3 Auto-Defrost Function

The auto-defrost feature automatically melts frost that may accumulate on the outdoor unit's coil during heating operation in cold weather. This ensures stable heating performance and prevents damage to the unit. This function operates automatically and does not require user intervention.

7. TROUBLESHOOTING

Before contacting customer support, review the following common issues and solutions:

Problem	Possible Cause	Solution
Unit does not turn on	No power supply; Remote control batteries dead; Circuit breaker tripped.	Check power connection; Replace remote batteries; Reset circuit breaker.
Insufficient cooling/heating	Dirty air filter; Obstruction of air intake/outlet; Incorrect mode setting; Room size exceeds capacity.	Clean air filter; Remove obstructions; Select correct mode; Ensure unit matches room size.
Unusual noise	Loose parts; Unit not level; Fan obstruction.	Check for loose components; Ensure unit is level; Clear fan area.

R32 Refrigerant For A Greener Planet

Energy Efficient



Temperature

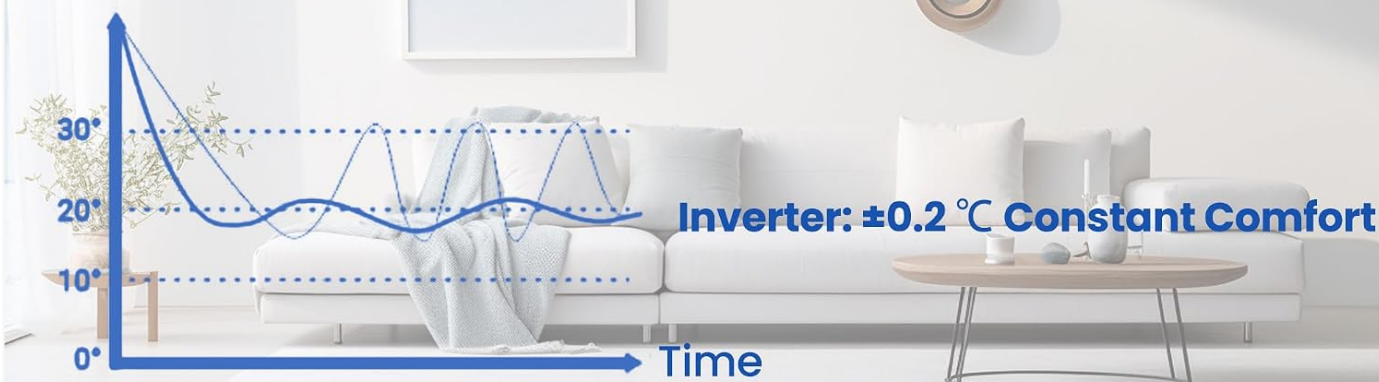


Image: R32 Refrigerant for environmental benefits and inverter technology for stable temperature.

Feature	Specification
Brand	TMWINGS
Model Number	KAC-12GWH(E/6)DBp-M100
Cooling Power	12000 BTU
Heating Capacity	12500 BTU
Coverage Area	Up to 750 sq. ft.
Seasonal Energy Efficiency Ratio (SEER2)	19
Voltage	208-230 Volts

Feature	Specification
Noise Level	42 dB (Sleep Mode)
Refrigerant	R-32
Inverter Type	Has Inverter
Product Dimensions (Indoor Unit)	32.28"W x 11.93"H x 8.23"D
Product Dimensions (Outdoor Unit)	30.71"W x 23.7"H x 12.95"D
Item Weight	64 pounds
Control Method	Remote Control
Special Features	Auto Clean, Energy Efficient, Fast Heating And Cooling Function, Inverter Compressor, Turbo function

9. WARRANTY AND SUPPORT

Your TMWINGS Mini Split AC/Heating System comes with a**3-year warranty**. Please retain your proof of purchase for warranty claims.

For technical assistance, troubleshooting beyond this manual, or warranty service, please contact TMWINGS customer support. You can find more information and contact details by visiting the official TMWINGS store:

Visit TMWINGS
Store

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