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Hykolity 12000 BTU

Hykolity 12,000 BTU Smart Inverter Window Air Conditioner User Manual

Model: 12000 BTU

Introduction

This manual provides essential information for the safe and efficient operation of your Hykolity 12,000 BTU Smart Inverter Window Air Conditioner. This unit features advanced inverter technology for energy efficiency, ultra-quiet operation, and smart control capabilities via Wi-Fi. Please read these instructions thoroughly before installation and use, and retain them for future reference.

Safety Information

To prevent injury to the user or other people and property damage, the following instructions must be followed. Incorrect operation due to ignoring instructions may cause harm or damage.

- **Electrical Safety:** Ensure the unit is connected to a properly grounded outlet with the correct voltage. Do not use extension cords or adapter plugs. Disconnect power before servicing or cleaning.
- **Installation:** Install the unit securely in a window according to the provided instructions. Ensure the window can support the unit's weight. Do not block the air intake or exhaust vents.
- **Operation:** Do not insert fingers or objects into the air inlet/outlet. Do not operate the unit with wet hands. Keep flammable materials away from the unit.
- **Maintenance:** Clean the air filter regularly. Do not attempt to repair or modify the unit yourself. Contact qualified service personnel for repairs.
- **Children and Pets:** Keep children and pets away from the unit during operation.

Package Contents

Verify that all components are present in the package before beginning installation.

- Hykolity 12,000 BTU Smart Inverter Window Air Conditioner Unit
- Remote Control with Batteries
- Installation Hardware (brackets, screws, foam seals)
- User Manual
- Wi-Fi Function User Manual

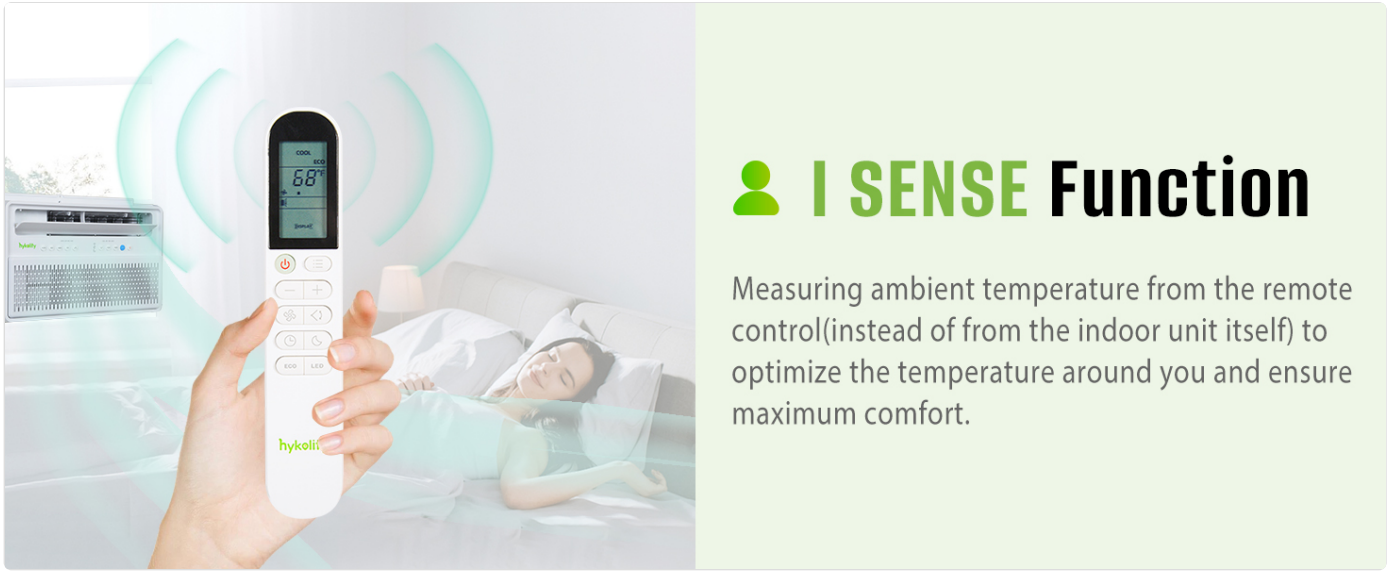


Figure 1: All accessories included in the package.

Installation Instructions

This 12,000 BTU window air conditioner is designed for quick and easy installation in single-hung or double-hung windows. It is compatible with windows measuring 25 to 36 inches in width and requiring at least 14.5 inches in height.

Window Requirements

- **Window Width:** 25 inches to 36 inches
- **Minimum Vertical Clearance:** 14.5 inches



Figure 2: Unit dimensions and compatible window sizes.

Step-by-Step Installation

1. **Prepare the Window:** Clean the window sill and frame. Apply foam seals to the window frame as instructed in the Wi-Fi Function User Manual to ensure a tight seal.
2. **Place the Unit:** Carefully lift the air conditioner and place it inside the open window, ensuring the bottom rail rests securely on the window sill.
3. **Secure Side Brackets:** Extend the side panels and secure them to the window frame using the provided screws and brackets. Ensure the unit is level and firmly in place.

4. **Seal Gaps:** Use the included foam tape and putty to seal any remaining gaps around the unit and side panels to prevent air leakage.

Refer to the detailed installation guide in the included Wi-Fi Function User Manual for specific diagrams and instructions.

Operating Instructions

Your Hykolity air conditioner offers various modes and settings for optimal comfort. The unit can be controlled via the control panel, the included remote control, or the mobile app.

Control Panel Overview



Figure 3: User-friendly control panel with digital LED display.

Operating Modes

- **Cool Mode:** Provides powerful cooling. Set your desired temperature between 61°F and 88°F.
- **Fan Mode:** Circulates air without cooling. Choose from three fan speeds (Low, Medium, High).
- **Dry Mode:** Reduces humidity in the room.
- **Auto Mode:** Automatically selects the appropriate operating mode (Cool, Fan, Dry) based on the room temperature.
- **ECO Mode:** Optimizes energy consumption by cycling the compressor on and off to maintain the set temperature.

Additional Features

- **24-Hour Timer:** Program the unit to turn on or off automatically within a 24-hour period.
- **Intelligent Sleep Mode:** Automatically adjusts the temperature during the night to prevent overcooling or overheating, ensuring comfortable sleeping conditions.



Figure 4: Intelligent Sleep Mode and quiet operation.

- **Swing Function:** Automatically adjusts the airflow direction to distribute cool air evenly throughout the room.
- **I Sense Function:** When activated, the remote control measures the ambient temperature at its location (instead of the indoor unit itself) to optimize the temperature around you and ensure maximum comfort.

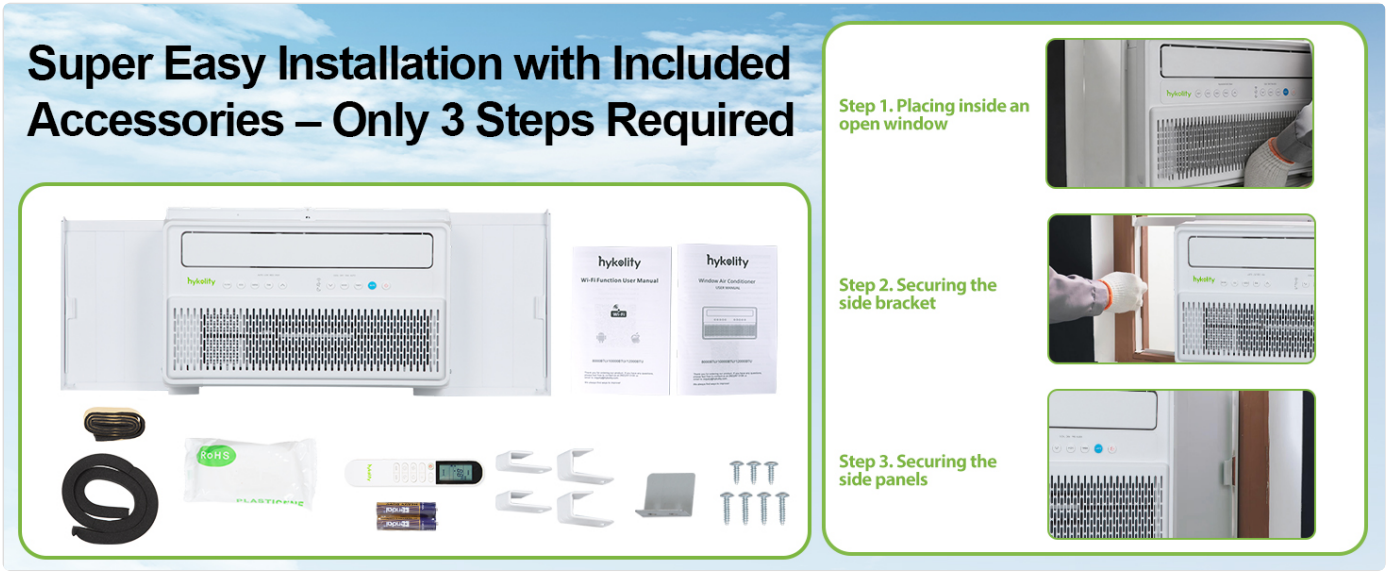


Figure 5: I Sense Function for personalized comfort.

Smart Control & Connectivity

Your Hykolity air conditioner is equipped with built-in Wi-Fi, allowing you to control it remotely using a mobile application on your smartphone or tablet.

Connecting to Wi-Fi

1. **Download the App:** Search for the designated Hykolity smart app on the Apple App Store or Google Play Store.
2. **Create Account:** Follow the in-app instructions to create a user account.
3. **Add Device:** Power on your air conditioner. In the app, select 'Add Device' and follow the pairing instructions. This typically involves putting the AC unit into Wi-Fi pairing mode.
4. **Control:** Once connected, you can control all functions of your AC unit from anywhere with an internet connection.



Figure 6: Smart control via mobile app and remote control.

For detailed instructions on Wi-Fi setup and app usage, refer to the dedicated Wi-Fi Function User Manual included with your product.

Maintenance

Regular maintenance ensures optimal performance and extends the lifespan of your air conditioner.

Air Filter Cleaning

The unit features a filter indicator that alerts you to clean the filter after approximately 500 hours of use. A clean filter is crucial for efficient cooling and good air quality.

1. **Turn Off Power:** Always disconnect power to the unit before cleaning.
2. **Remove Filter:** Open the front panel and carefully slide out the air filter.
3. **Clean Filter:** Wash the filter with warm, soapy water. Rinse thoroughly and allow it to air dry completely before reinserting. Do not use hot water or harsh detergents.
4. **Reinstall Filter:** Slide the dry filter back into its position and close the front panel.



Figure 7: Filter Clean Reminder and filter access.

General Cleaning

- **Exterior:** Wipe the exterior casing with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Coils:** Periodically check the outdoor coils for dirt and debris. If necessary, gently clean with a soft brush.

Troubleshooting

Before contacting customer support, refer to the following table for common issues and their solutions.

Problem	Possible Cause	Solution
Unit does not turn on	No power, circuit breaker tripped, power cord unplugged.	Check power connection, reset circuit breaker, ensure plug is fully inserted.
Insufficient cooling	Dirty air filter, blocked air vents, room too large, doors/windows open.	Clean air filter, clear obstructions, ensure proper room size for BTU, close doors/windows.
Unit is noisy	Loose installation, foreign object in fan, unit not level.	Re-secure installation, check for obstructions, ensure unit is level.
Wi-Fi connection issues	Incorrect Wi-Fi password, router too far, app not updated.	Verify password, move router closer, update app, refer to Wi-Fi manual.

Specifications

Key technical specifications for the Hykolity 12,000 BTU Smart Inverter Window Air Conditioner.

Feature	Detail
Cooling Power	12,000 British Thermal Units (BTU)
Area Coverage	Up to 550 sq. ft.
Combined Energy Efficiency Rate (CEER)	15.0
Power Consumption (Cooling)	1190W
Refrigerant Type	R32 (Eco-friendly)
Noise Level	As low as 32 dBA
Temperature Range	61°F to 88°F
Installation Type	Window
Product Dimensions (D x W x H)	1"D x 1"W x 1"H

Warranty and Support

For warranty information, please refer to the warranty card included with your product or visit the official Hykolity website. The warranty typically covers manufacturing defects for a specified period from the date of purchase.

If you encounter any issues not covered in the troubleshooting section or require further assistance, please contact Hykolity customer support. Contact details can usually be found in the product packaging, on the official website, or within the mobile application.

- **Online Support:** Visit the Hykolity official website for FAQs, support resources, and contact forms.
- **Email Support:** Refer to your product documentation for the customer service email address.
- **Phone Support:** Check your product documentation for a customer service phone number.

Ask a question about this manual

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