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› TOYOTOMI Window Room Air Conditioner TIW-A160H(W) User Manual

## TOYOTOMI TIW-A160H

# TOYOTOMI Window Room Air Conditioner TIW-A160H(W) User Manual

Model: TIW-A160H(W)

## 1. INTRODUCTION

Thank you for purchasing the TOYOTOMI Window Room Air Conditioner, model TIW-A160H(W). This manual provides essential information for the safe and efficient operation, installation, and maintenance of your new air conditioner. Please read this manual thoroughly before use and keep it for future reference.

## 2. SAFETY INFORMATION

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and injury. This appliance is for indoor use only. Do not operate the unit with wet hands or near water. Ensure the power supply matches the unit's specifications. Do not attempt to repair or modify the unit yourself. Refer all servicing to qualified personnel.

## 3. PACKAGE CONTENTS

Verify that all components are present in the package:

- TOYOTOMI Window Room Air Conditioner Unit
- Remote Control
- Window Installation Kit
- Air Filter (pre-installed)
- User Manual (this document)

## 4. PRODUCT OVERVIEW

The TOYOTOMI TIW-A160H(W) is a compact window-mounted air conditioner designed for cooling small to medium-sized rooms. It features a central airflow system for even cooling, low operating noise, and an antibacterial silver ion filter.



Image: The TOYOTOMI Window Room Air Conditioner TIW-A160H(W) installed in a window, demonstrating its central airflow cooling a living space. The unit is white, matching the interior decor, and is shown emitting cool air into a room with a white sofa. A person is seen walking past, indicating the unit's integration into a daily living environment.

## 5. SETUP AND INSTALLATION

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This window air conditioner is designed for easy installation. The minimum required window height for installation is 76 cm, making it suitable for smaller windows. Follow these general steps for installation:

1. **Prepare the Window:** Ensure the window frame is clean and free of obstructions.
2. **Install the Window Kit:** Securely attach the provided window installation kit components to the window frame according to the diagrams in the separate installation guide.
3. **Mount the Unit:** Carefully lift and place the air conditioner unit into the installed window kit. Ensure it is level and securely fastened.
4. **Seal Gaps:** Use the provided sealing materials to close any gaps around the unit and window kit to prevent air leakage and insect entry.
5. **Connect Power:** Plug the power cord into a grounded electrical outlet. Ensure the voltage matches the unit's requirements.

*Note: While installation is designed to be straightforward, careful attention to the detailed installation guide is crucial for proper function and safety. If you are unsure, consult a qualified technician.*

## 6. OPERATING INSTRUCTIONS

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The TIW-A160H(W) offers efficient cooling with user-friendly controls.

### 6.1. Basic Cooling Operation

- **Power On/Off:** Press the 'Power' button on the unit or remote control to turn the air conditioner on or off.
- **Temperature Adjustment:** Use the 'Temp Up' and 'Temp Down' buttons to set your desired room temperature.
- **Fan Speed:** Select the desired fan speed (Low, Medium, High) using the 'Fan Speed' button.
- **Mode Selection:** This model is cooling-only. Ensure the unit is set to 'Cool' mode.

### 6.2. Timer Function

The unit features an On/Off timer that can be set for up to 12 hours.

- **Setting On-Timer:** With the unit off, press the 'Timer' button, then use 'Temp Up/Down' to set the desired delay for the unit to turn on. Press 'Timer' again to confirm.
- **Setting Off-Timer:** With the unit on, press the 'Timer' button, then use 'Temp Up/Down' to set the desired delay for the unit to turn off. Press 'Timer' again to confirm.

### 6.3. Noise Level

The TIW-A160H(W) operates at an industry-low noise level of 39dB, with reduced stop noise, ensuring comfortable cooling even during periods of rest.

## 7. MAINTENANCE

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Regular maintenance ensures optimal performance and longevity of your air conditioner.

### 7.1. Air Filter Cleaning

The unit is equipped with a silver ion filter that provides deodorizing and antibacterial effects, helping to keep the air clean. Clean the air filter regularly (e.g., every two weeks or as needed) to maintain air quality and cooling efficiency.

1. **Turn Off Power:** Always turn off the air conditioner and unplug it before cleaning.
2. **Remove Filter:** Open the front panel and carefully remove the air filter.
3. **Clean Filter:** Wash the filter with lukewarm water and a mild detergent. Rinse thoroughly and allow it to air dry completely before reinstallation. Do not expose to direct sunlight.

4. **Reinstall Filter:** Place the dry filter back into the unit and close the front panel.

7.2. Non-Drainage Design

This unit features a non-drainage design, meaning condensed water is evaporated and expelled, eliminating the need for manual water disposal under normal operating conditions.

8. TROUBLESHOOTING

If you encounter issues with your air conditioner, refer to the following common troubleshooting steps:

| Problem               | Possible Cause                                                                     | Solution                                                                                                   |
|-----------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| Unit does not turn on | No power supply; Power cord unplugged; Circuit breaker tripped                     | Check power connection; Plug in power cord; Reset circuit breaker                                          |
| Insufficient cooling  | Dirty air filter; Room too large; Doors/windows open; Temperature setting too high | Clean air filter; Ensure room size is within unit capacity; Close doors/windows; Lower temperature setting |
| Unusual noise         | Unit not level; Loose parts; Obstruction in fan                                    | Ensure unit is level; Check for loose parts and tighten; Remove any obstructions (after unplugging)        |
| Water leakage         | Unit not level; Drainage path blocked                                              | Ensure unit is level; Check for and clear any blockages in the drainage path                               |

If the problem persists after attempting these solutions, please contact customer support.

9. SPECIFICATIONS

Detailed technical specifications for the TOYOTOMI Window Room Air Conditioner TIW-A160H(W):

| Feature              | Specification                                                                         |
|----------------------|---------------------------------------------------------------------------------------|
| Brand                | TOYOTOMI                                                                              |
| Product Model Number | TIW-A160H(W)                                                                          |
| Product Dimensions   | 27.5 x 36.1 x 74.2 cm                                                                 |
| Product Weight       | 22 kg                                                                                 |
| Color                | White                                                                                 |
| Pattern/Type         | Cooling Only 1.6kW (4.5-7 Tatami)                                                     |
| Power Source         | Corded Electric                                                                       |
| Voltage              | 100 Volts                                                                             |
| Cooling Capacity     | 1 Kilowatt                                                                            |
| Special Features     | Cooling Function, Silver Ion Filter, Low Noise Operation, 12-hour Timer, Non-Drainage |

10. WARRANTY

This TOYOTOMI Window Room Air Conditioner TIW-A160H(W) comes with a **1-year warranty** from the date of purchase. Please retain your proof of purchase for warranty claims. The warranty covers manufacturing defects under normal use. It does not cover damage caused by improper installation, misuse, accidents, or unauthorized repairs.

## 11. CUSTOMER SUPPORT

For further assistance, technical support, or warranty inquiries, please contact TOYOTOMI customer service. Refer to the contact information provided on the TOYOTOMI official website or your purchase documentation.

### ASK A QUESTION ABOUT THIS MANUAL

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