

AGAGA 1005002086472978

AGAGA Automatic Window Actuator Opener (300mm WiFi) User Manual

Model: 1005002086472978

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your AGAGA Automatic Window Actuator Opener (300mm WiFi). Please read this manual thoroughly before installation and use to ensure proper function and safety.

2. SAFETY INFORMATION

Observe the following safety precautions to prevent injury or damage to the product:

- Ensure the power supply is disconnected before installation or maintenance.
- Installation should be performed by qualified personnel or under professional supervision.
- Do not operate the device if any part is damaged.
- Keep hands and loose clothing clear of moving parts during operation.
- This product is designed for window opening and closing. Do not use it for other purposes.
- Ensure the window is free of obstructions before operation.

3. PACKAGE CONTENTS

Verify that all components are present in the package:

- Chain window opener (standard)
- Chain holder (standard)
- Mounting bracket (standard)
- Power supply and remote controller (standard)



Image 1: Main components of the AGAGA Automatic Window Actuator Opener, including the actuator unit, a Tuya-compatible wall switch, and a remote control.



Image 2: The window actuator shown with an alternative remote control and wall switch, alongside examples of its application in various window types, including skylights and standard casement windows.

4. SPECIFICATIONS

Working Voltage	AC220 V
Power	24W
Pushing Force	400N
Static Locking Force	2500N
Stroke	300mm (for this model)
Cross Section Dimension	L x 51mm x 41mm
Service Life	30,000 cycles
Circuit Protection	Overload protection
Ambient Temperature	-25°C to +65°C
Protection Level	IP32
Model Number	1005002086472978
Item Weight	10 g

5. SETUP AND INSTALLATION

This section outlines the general steps for installing the window actuator. Specific installation requirements may vary based on window type and mounting surface. Professional installation is recommended.

5.1 Mounting the Actuator

1. **Determine Mounting Location:** Identify a suitable location on the window frame or sash that allows for the full stroke of the actuator without obstruction. Ensure the surface is strong enough to support the actuator's weight and operational forces.
2. **Attach Mounting Brackets:** Secure the provided mounting brackets to the window frame and the window sash using appropriate fasteners (not always included, check package). Ensure they are aligned correctly for smooth operation.
3. **Mount the Actuator:** Attach the main actuator unit to the frame-mounted bracket.
4. **Connect the Chain:** Extend the chain from the actuator and connect it to the chain holder on the window sash. Ensure the chain is securely fastened and allows for the desired window opening angle.



Image 3: An AGAGA Automatic Window Actuator Opener installed on a window frame, with the chain extended and connected to the window sash, demonstrating a typical installation scenario.

5.2 Electrical Connection

- **Power Supply:** Connect the actuator to an AC220V power source. Ensure all wiring is done

according to local electrical codes.

- **Controller Connection:** Connect the Tuya-compatible wall switch and/or the remote control receiver to the actuator's power supply as per the wiring diagram provided with the specific controller.
- **Testing:** After all connections are made, carefully test the actuator's operation before fully securing all components.

6. OPERATING INSTRUCTIONS

The AGAGA Automatic Window Actuator can be operated via the included remote control or the Tuya-compatible wall switch.

6.1 Using the Remote Control

- **Open:** Press the "Up" or "Open" button on the remote to extend the chain and open the window.
- **Close:** Press the "Down" or "Close" button on the remote to retract the chain and close the window.
- **Stop:** Press the "Stop" or "Pause" button to halt the window at any desired position.

6.2 Using the Tuya-Compatible Wall Switch

- **Open:** Press the "Open" arrow button on the wall switch to open the window.
- **Close:** Press the "Close" arrow button on the wall switch to close the window.
- **Stop:** Press the "Pause" button (often a circle or square icon) to stop the window's movement.
- **Smart Home Integration:** For Tuya integration, follow the instructions provided with your Tuya smart home application to pair the switch and control the window via your smartphone or voice assistant.



Image 4: A detailed view of the AGAGA Automatic Window Actuator Opener alongside the Tuya-compatible wall switch, highlighting the control

7. MAINTENANCE

Regular maintenance ensures the longevity and reliable operation of your window actuator.

- **Cleaning:** Periodically wipe the actuator and chain with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Regularly inspect the chain, mounting brackets, and electrical connections for any signs of wear, damage, or looseness.
- **Lubrication:** The chain mechanism is generally self-lubricating. Avoid applying excessive lubricants unless specifically instructed by the manufacturer, as this can attract dust and debris.
- **Obstruction Check:** Ensure the window path remains clear of any obstructions that could impede the actuator's movement.

8. TROUBLESHOOTING

If you encounter issues with your AGAGA Automatic Window Actuator, refer to the following common problems and solutions:

- **Actuator does not respond to remote/switch:**
 - Check if the power supply is connected and active.
 - Ensure the remote control batteries are not depleted.
 - Verify that the remote control or switch is properly paired with the actuator/receiver.
 - Inspect electrical connections for looseness or damage.
- **Window does not open/close fully:**
 - Check for any physical obstructions preventing the window from moving freely.
 - Inspect the chain for damage or misalignment.
 - Ensure the mounting brackets are securely fastened and correctly aligned.
- **Unusual noises during operation:**
 - Inspect the chain and gears for debris or damage.
 - Ensure the actuator is securely mounted and not vibrating against the frame.
- **Overload protection activates:**
 - This indicates excessive force is being applied. Check for obstructions or binding in the window mechanism.
 - Reduce the load on the actuator if possible.

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

9. WARRANTY AND SUPPORT

Specific warranty details are typically provided at the point of purchase or within separate documentation. Please retain your proof of purchase for warranty claims.

For technical support, troubleshooting assistance beyond this manual, or warranty inquiries, please contact your retailer or the manufacturer directly. Refer to the product packaging or the seller's information for

contact details.