

Casanoov SUNNY 350B160

Casanoov SUNNY 3.5m x 1.6m Motorized Swing Gate with RANGER B150 Actuator System User Manual

Model: SUNNY 350B160

1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Casanoov SUNNY 3.5m x 1.6m Motorized Swing Gate system, equipped with the RANGER B150 actuator. Please read these instructions carefully before beginning any procedures to ensure proper functionality and longevity of your product.

2. SAFETY INFORMATION

Warning: Failure to follow these safety instructions may result in serious injury or property damage.

- Ensure all electrical connections are performed by a qualified electrician and comply with local regulations.
- Keep children and pets away from the gate area during operation.
- Do not attempt to repair or modify the gate or motor system yourself. Contact qualified personnel for service.
- Regularly inspect the gate and motor for any signs of wear, damage, or obstruction.
- Always use the provided remote controls or authorized access methods.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged before proceeding with installation.

- Casanoov SUNNY Aluminum Swing Gate (3.5m width, 1.6m height)
- RANGER B150 Actuator System (2 actuators)
- Control Box
- Remote Controls (quantity as specified in packaging)
- Mounting Hardware (brackets, screws, bolts)
- Gate Handle and Lock Mechanism



Figure 3.1: RANGER B150 Actuator System Components. This image displays the two linear actuators, the central control unit, two remote controls, and a selection of mounting brackets and fasteners required for installation.

4. SPECIFICATIONS

Feature	Specification
Gate Material	Aluminum
Gate Color	Anthracite Grey (RAL 7016)
Gate Dimensions (Width x Height)	355 cm x 161 cm (approx. 3.5m x 1.6m)
Actuator Type	Linear Actuator (Vérins)
Max Gate Leaf Weight (per actuator)	Up to 300 kg
Assembly Required	Yes
Country of Origin	China

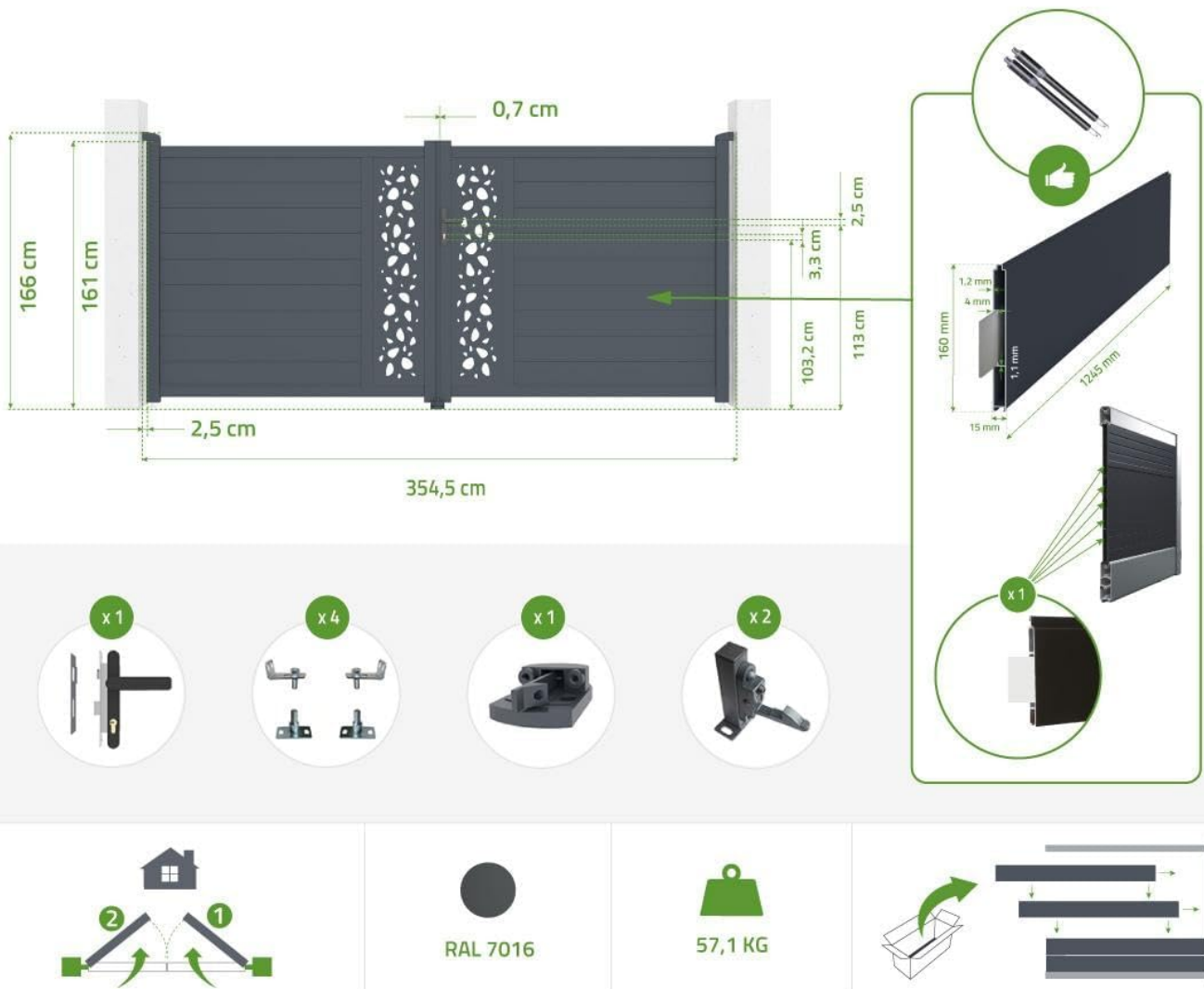


Figure 4.1: Casanoov SUNNY Gate Dimensions. This diagram illustrates the overall dimensions of the gate, including its width of 354.5 cm and height of 161 cm, along with specific measurements for various gate components.

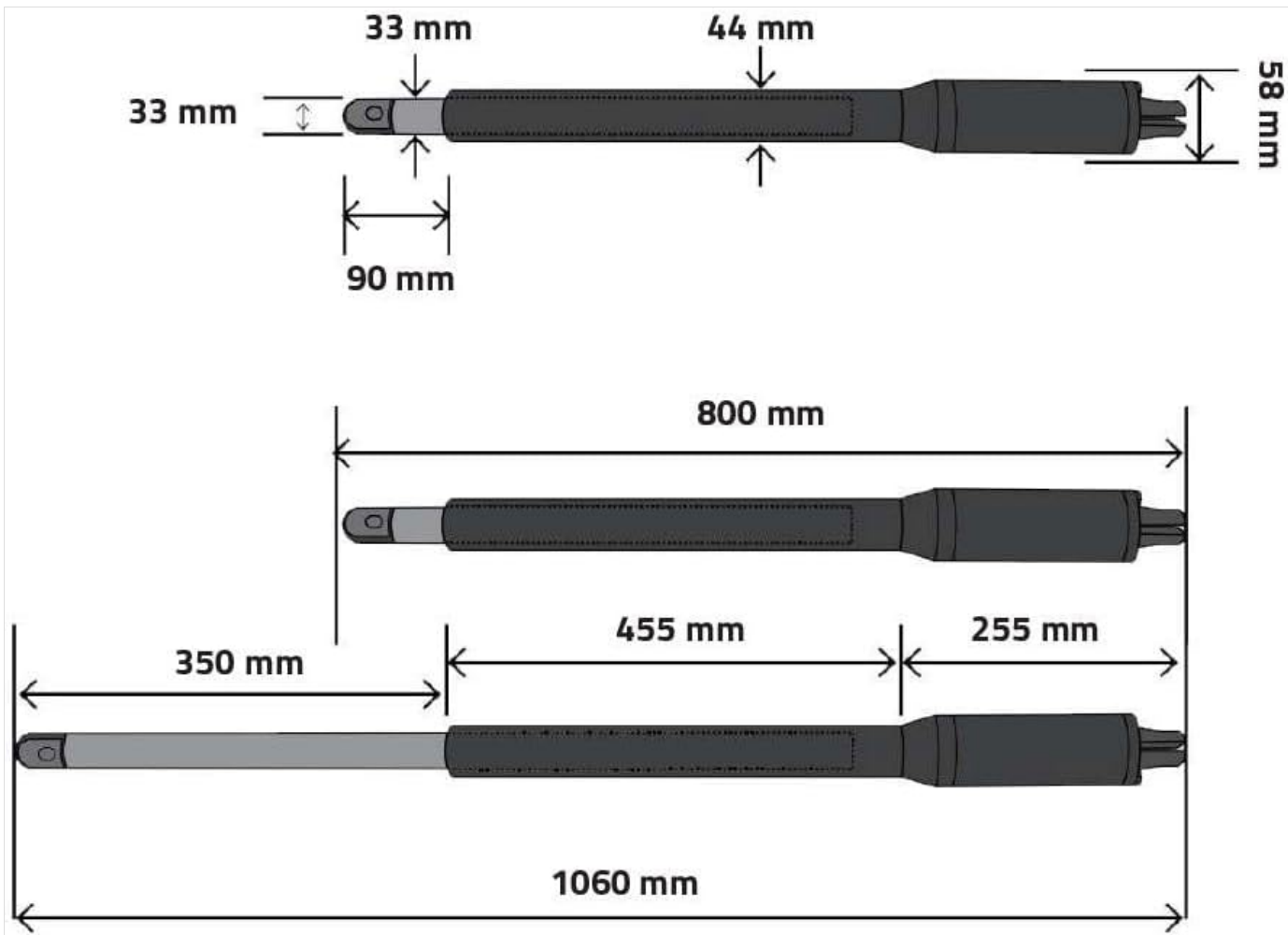


Figure 4.2: RANGER B150 Actuator Dimensions. This technical drawing provides detailed measurements of the linear actuator, including its extended and retracted lengths, and the dimensions of its mounting points.

5. INSTALLATION

Installation of the Casanoov SUNNY gate and RANGER B150 actuator system requires careful attention to detail. It is recommended to have at least two people for assembly and installation.

5.1. Gate Assembly

1. Unpack all gate components and verify against the package contents list.
2. Assemble the gate frame according to the detailed instructions provided in the separate gate assembly manual. Ensure all connections are secure.
3. Install the decorative panels and horizontal slats into the gate frame.
4. Attach the gate handle and locking mechanism.

5.2. Actuator Installation

1. Mount the gate hinges to your existing pillars or posts, ensuring they are level and securely fastened.
2. Position the gate leaves onto the hinges. Ensure the gate swings freely without obstruction.
3. Determine the optimal mounting points for the RANGER B150 actuators on both the gate pillars and the gate leaves. Refer to Figure 4.2 for actuator dimensions and ensure sufficient clearance for full gate movement.
4. Securely attach the actuator mounting brackets to the pillars and gate leaves using appropriate fasteners.
5. Connect the actuators to their respective mounting brackets.
6. Install the control box in a dry, protected location near the gate, ensuring it is easily accessible for wiring.

7. Perform all electrical wiring for the actuators, control box, and power supply according to the electrical diagram in the separate motorization manual. This step must be performed by a qualified electrician.

6. OPERATION

The RANGER B150 actuator system is designed for convenient and secure gate operation using the provided remote controls.

6.1. Initial Setup and Programming

Refer to the dedicated RANGER B150 motorization manual for detailed instructions on initial power-up, limit switch adjustments, and remote control programming. This typically involves:

- Connecting the system to power.
- Setting the open and close limits for each gate leaf.
- Pairing the remote controls with the control unit.

6.2. Daily Use

To open or close the gate, press the designated button on your remote control. The gate will automatically open or close to its programmed limits. In case of power failure, the gate can typically be disengaged for manual operation (refer to the motorization manual for specific instructions).

Your browser does not support the video tag.

Video 6.1: Demonstration of a motorized swing gate opening. This video illustrates the smooth operation of a swing gate system, activated by a remote control, showcasing the gate leaves moving outwards to open.

7. MAINTENANCE

Regular maintenance ensures the optimal performance and extends the lifespan of your motorized gate system.

- **Cleaning:** Clean the aluminum gate surfaces periodically with mild soap and water. Avoid abrasive cleaners or harsh chemicals.
- **Lubrication:** Lubricate hinges and moving parts of the actuators annually with a suitable silicone-based lubricant.
- **Inspection:** Regularly check all mounting bolts, screws, and electrical connections for tightness and corrosion. Inspect the gate for any structural damage or deformation.
- **Obstruction Check:** Ensure the gate path is clear of debris, vegetation, or any obstructions that could impede its movement.
- **Safety Features:** Test safety features such as photocells (if installed) and obstacle detection regularly to ensure they are functioning correctly.

8. TROUBLESHOOTING

This section addresses common issues you might encounter with your motorized gate. For more complex problems, consult the RANGER B150 motorization manual or contact customer support.

Problem	Possible Cause	Solution
Gate does not respond to remote.	Dead remote battery, remote not paired, power outage.	Replace remote battery, re-pair remote, check power supply.

Problem	Possible Cause	Solution
Gate opens partially or stops.	Obstruction, limit switch misadjustment, motor issue.	Clear obstruction, re-adjust limit switches, inspect motor.
Gate makes unusual noises.	Lack of lubrication, loose components, motor wear.	Lubricate moving parts, tighten fasteners, contact support if noise persists.
Gate does not lock properly.	Misalignment, lock mechanism damage.	Check gate alignment, inspect and repair/replace lock mechanism.

9. WARRANTY AND SUPPORT

Casanoov products are covered by legal guarantees. For any questions, technical assistance, or warranty claims, please contact our French-based after-sales service. Our team is available to provide support and ensure a satisfactory experience.

Contact Information: Refer to your purchase documentation or the Casanoov official website for the most up-to-date contact details.

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

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Email

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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