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› Casanoov EIGER 100P160 Adjustable Width Aluminum Gate - 1m x 1.6m - Installation Manual

Casanoov EIGER 100P160

Casanoov EIGER 100P160 Adjustable Width Aluminum Gate - Installation Manual

Model: EIGER 100P160

1. INTRODUCTION

This manual provides detailed instructions for the safe and correct assembly, installation, and maintenance of your Casanoov EIGER 100P160 adjustable width aluminum gate. Please read all instructions carefully before beginning installation to ensure proper function and longevity of your product. Keep this manual for future reference.

2. SAFETY INFORMATION

- Always wear appropriate personal protective equipment (PPE) such as gloves and safety glasses during assembly and installation.
- Ensure all components are present and undamaged before starting assembly. Do not use damaged parts.
- Assembly requires at least two people due to the size and weight of the gate components.
- Ensure the installation area is clear of obstructions and stable.
- Do not attempt to modify the gate structure or components, as this may compromise safety and void the warranty.
- Keep children and pets away from the work area during installation.

3. PACKAGE CONTENTS

Verify that all the following components are included in your package:

- 1x EIGER 100P160 Gate Frame and Panels (Anthracite Grey)
- 2x XL Fixing Brackets (Dr-11.1a)
- 2x Aluminum Angles (DR-32)
- 1x Lock Mechanism and Handle Set
- Necessary Fasteners and Hardware

Note: Small hardware items may be packaged together. Refer to the detailed diagram below for component

identification.



Figure 3.1: Overview of the EIGER 100P160 gate, showing main dimensions, components, and weight (20.5 KG). The diagram illustrates the gate's adjustable width feature and included hardware.



Figure 3.2: Detailed view of the XL-SWIVEL fixing bracket (Dr-11.1a), showing its dimensions (43mm width, 45mm height, 170mm length, 35mm depth) and weight (0.5 KG). This bracket is crucial for adjusting the gate's width.



Figure 3.3: Standalone image of the XL-SWIVEL fixing bracket (Dr-11.1a).



Figure 3.4: Standalone image of the Aluminum Angle (DR-32), used for masking gaps.

4. SETUP AND ASSEMBLY

The Casanoov EIGER gate is designed for self-assembly and can be adjusted to fit openings between **101 cm and 111 cm**. The total height of the gate is **160 cm**.

4.1. Tools Required

- Drill
- Measuring Tape
- Level
- Screwdriver Set
- Wrenches
- Pencil

4.2. Assembly Steps

1. **Prepare the Opening:** Ensure your gate opening is clean, level, and within the adjustable range of 101 cm to 111 cm.
2. **Assemble the Gate Frame:** Follow the detailed diagrams provided with your hardware kit to assemble the main gate frame. Ensure all connections are secure but do not fully tighten bolts until the gate is positioned.
3. **Attach XL Fixing Brackets (Dr-11.1a):** Mount the two XL fixing brackets to the gate posts or wall according to your desired width. These brackets allow for precise width adjustment. Use a level to ensure they are perfectly vertical.
4. **Install Hinges:** Attach the gate hinges to the gate frame and then connect them to the XL fixing brackets. The XL hinges are designed to facilitate width adjustment.
5. **Position and Adjust the Gate:** Carefully lift the gate and place it onto the hinges. Adjust the position of the gate and the XL fixing brackets to achieve the desired opening width and ensure smooth operation. Ensure there is a small gap (approx. 0.7 cm) between the gate and the posts for proper movement.
6. **Secure All Fasteners:** Once the gate is perfectly aligned and operates smoothly, fully tighten all bolts and screws on the frame and hinges.
7. **Install Lock Mechanism:** Install the lock mechanism and handle set according to the separate instructions provided with the lock hardware.

8. **Attach Aluminum Angles (DR-32):** If there are any visible gaps between the gate and the posts after installation, attach the two aluminum angles (DR-32) to mask these spaces, providing a clean finish.

5. OPERATING INSTRUCTIONS

To open the gate, turn the handle and pull. To close, push the gate until it latches. Ensure the gate closes securely each time to maintain security. For locking, use the key provided with the lock mechanism.

6. MAINTENANCE

- **Cleaning:** Clean the aluminum surfaces regularly with a soft cloth and mild soapy water. Avoid abrasive cleaners or harsh chemicals that could damage the finish.
- **Inspection:** Periodically inspect all hinges, fasteners, and the lock mechanism for signs of wear, loosening, or damage. Tighten any loose screws or bolts.
- **Lubrication:** Apply a silicone-based lubricant to the hinges and lock mechanism annually to ensure smooth operation and prevent corrosion.
- **Damage:** If any part of the gate becomes damaged, contact Casanoov customer service for replacement parts. Do not attempt to repair structural damage yourself.

7. TROUBLESHOOTING

- **Gate does not close smoothly:** Check for obstructions in the gate's path. Inspect hinges for proper alignment and lubrication. Ensure the gate posts are plumb and the ground is level.
- **Gate sags or is misaligned:** Re-check the tightness of all hinge fasteners and the XL fixing brackets. Adjust the brackets as needed to re-align the gate.
- **Lock mechanism is stiff:** Apply a suitable lubricant to the lock cylinder and moving parts. Ensure no debris is obstructing the mechanism.

8. SPECIFICATIONS

Feature	Specification
Model	EIGER 100P160
Brand	Casanoov
Material	Aluminum
Color	Anthracite Grey (RAL 7016)
Adjustable Width	101 cm to 111 cm
Height	160 cm
Weight	Approximately 20.5 KG
Assembly Required	Yes

Included Components	Gate frame, 2x XL Fixing Brackets (Dr-11.1a), 2x Aluminum Angles (DR-32), Lock mechanism, Hardware
Country of Origin	China

9. WARRANTY

Casanoov products are covered by a manufacturer's warranty against defects in materials and workmanship. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Casanoov website. Keep your proof of purchase for warranty claims.

10. SUPPORT

If you encounter any issues during assembly, installation, or operation, or if you require replacement parts, please contact Casanoov customer service. You can find contact information on the Casanoov website or on your product packaging.

Website: [Visit the Casanoov Store](#)

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