Casanoov PAC-002324

Casanoov ARLBERG Aluminum Swing Gate Instruction Manual

Model: PAC-002324

1. Introduction

This manual provides essential information for the safe and correct installation, operation, and maintenance of your Casanoov ARLBERG Aluminum Swing Gate. Please read all instructions carefully before beginning assembly or use. Retain this manual for future reference.

2. Safety Information

- Always wear appropriate personal protective equipment (PPE) such as gloves and safety glasses during installation.
- Ensure the installation area is clear of obstructions and other personnel.
- Verify that all components are present and undamaged before assembly. Do not use damaged parts.
- The gate is heavy. Use proper lifting techniques or seek assistance to prevent injury.
- Ensure the gate is securely anchored to stable posts or pillars to prevent collapse.
- If motorization is added, follow the motorization system's specific safety and installation instructions.

3. Package Contents

Verify that all the following components are included in your package. Refer to the diagram below for visual identification.



Figure 3.1: ARLBERG Gate Components and Dimensions. This diagram illustrates the overall dimensions of the 4-meter wide, 1.6-meter high gate, along with individual components such as the handle, hinges, and gate stop mechanisms. The gate weighs 61.8 kg and is RAL 7016 anthracite grey.

- ARLBERG Swing Gate Panels (Aluminum, Anthracite Grey)
- 2 x Gate Posts (20x20cm, 190cm height)
- 1 x Gate Handle
- 4 x Hinges/Mounting Brackets
- 1 x Bottom Pivot/Hinge
- 2 x Gate Stop/Lock Mechanisms
- Assembly Hardware (screws, bolts, etc.)



Figure 3.2: EIFEL Gate Post Dimensions and Installation Options. The post measures 1900mm in height, with a 220mm top and 250mm base. Option A is for lighter loads, while Option B shows concrete reinforcement for heavier loads.

4. Setup and Installation

The Casanoov ARLBERG gate is designed for simple kit assembly. Follow these general steps for installation. Detailed instructions for specific components may be included in separate hardware packaging.

4.1 Site Preparation

- Clear the installation area of any debris or vegetation.
- Ensure the ground is level where the gate posts will be installed.
- Mark the precise locations for the gate posts, considering the gate's width (397 cm) and necessary clearance.

4.2 Post Installation

- Dig holes for the posts according to the recommended depth and width for your soil type and expected load. Refer to Figure 3.2 for post dimensions and installation options.
- For loads exceeding 80 kg, concrete reinforcement (Option B in Figure 3.2) is recommended for stability.
- Ensure posts are perfectly vertical and aligned before securing them.

4.3 Gate Assembly and Mounting

- Assemble the gate panels if they are not pre-assembled. The gate features an aluminum profile with a thickness of 1.2 mm for the main structure and 1.1 mm for the infill panels.

- Attach the hinges to the gate panels and then to the installed posts. Ensure the gate swings freely and clears the ground.
- Install the handle and gate stop/lock mechanisms as per the provided hardware instructions.
- Verify that all fasteners are tightened securely.

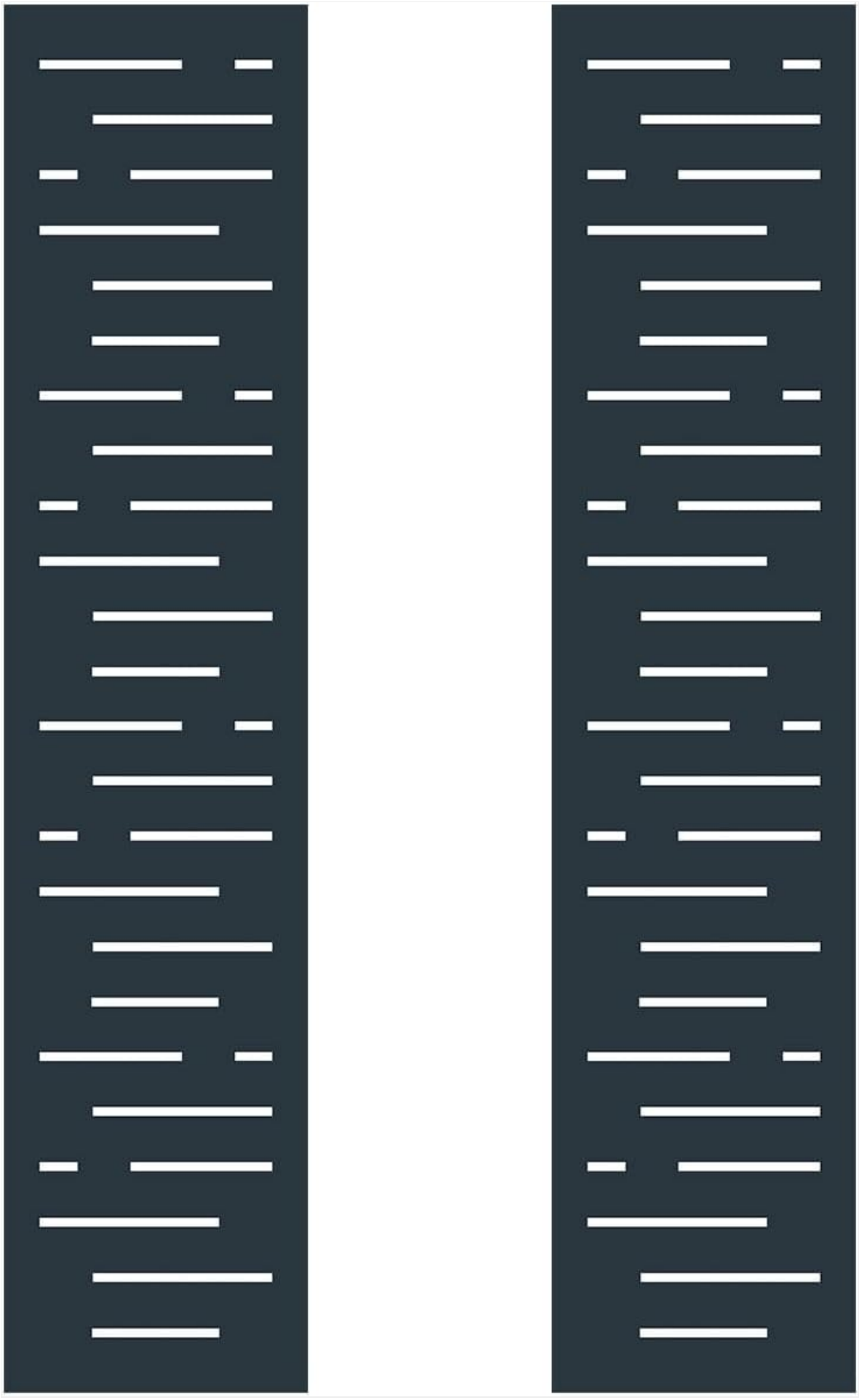


Figure 4.1: Gate Frame Cross-Section. This image details the aluminum profile of the gate frame, indicating a thickness of 1.2 mm for the main structure and 4 mm for the internal gap.

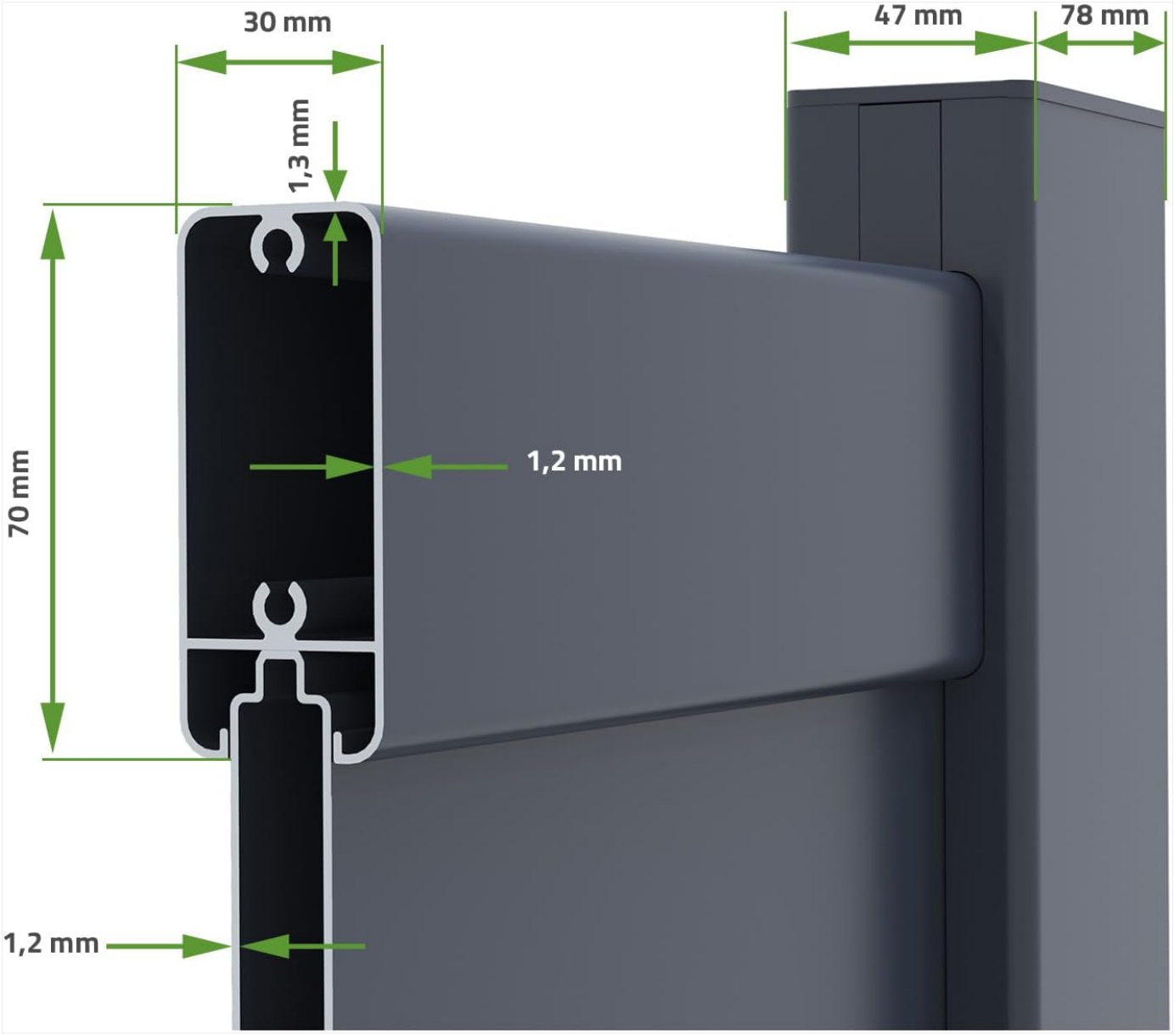


Figure 4.2: Gate Panel Cross-Section. This image shows the profile of an individual gate panel, highlighting its 160 mm height and 1.1 mm material thickness.

4.4 Motorization (Optional)

The ARLBERG gate is compatible with motorization systems. If you choose to motorize your gate, consult the specific installation and operation manual provided with your motorization kit. Ensure the motorization system is suitable for a swing gate of this size and weight.

5. Operating the Gate

To operate the gate manually, simply use the handle to open and close the gate panels. Ensure the gate latches securely when closed. If motorization is installed, operate the gate according to the motorization system's instructions (e.g., remote control, wall switch).

6. Maintenance

Regular maintenance will ensure the longevity and optimal performance of your Casanoov ARLBERG gate.

- **Cleaning:** The aluminum gate requires minimal maintenance. Cleaning with soapy water is sufficient to restore its shine and remove dirt or grime. Avoid abrasive cleaners or harsh chemicals that could damage the finish.

- **Hinges and Moving Parts:** Periodically inspect hinges, pivots, and other moving parts for wear or damage. Lubricate with a suitable outdoor lubricant as needed to ensure smooth operation.
- **Fasteners:** Check all screws and bolts periodically to ensure they remain tight. Retighten if necessary.
- **Structural Integrity:** Inspect the gate panels and posts for any signs of damage, corrosion, or instability. Address any issues promptly.



Figure 6.1: Aluminum Maintenance. This image illustrates that aluminum gates require only simple cleaning with soapy water, unlike iron gates which may need anti-corrosion treatment.

7. Troubleshooting

If you encounter issues with your gate, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Gate does not open/close smoothly	Lack of lubrication on hinges; Obstruction in gate path; Misalignment	Lubricate hinges; Remove obstructions; Check and adjust gate alignment.
Gate sags or is unstable	Loose fasteners; Insufficient post support; Damaged hinges	Tighten all fasteners; Reinforce posts if necessary (e.g., with concrete); Replace damaged hinges.
Gate latch not engaging	Misalignment of gate or latch mechanism; Damaged latch	Adjust gate or latch position; Repair or replace the latch mechanism.

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

8. Specifications

- **Model Number:** PAC-002324
- **Material:** Aluminum
- **Color:** Anthracite Grey (RAL 7016)
- **Gate Dimensions (L x H):** 392 cm x 161 cm (actual gate panel) / 400 cm x 166 cm (overall with top rail)
- **Post Dimensions (L x W x H):** 20 cm x 20 cm x 190 cm
- **Product Dimensions (L x W x H):** 161 x 392 x 0.1 cm (as per product data, likely referring to gate panel thickness)
- **Gate Weight:** Approximately 61.8 kg
- **Assembly Required:** Yes

9. Warranty and Support

Casanoov provides a warranty for this product. For specific warranty terms and conditions, please refer to your purchase documentation or contact customer service. Our French-based after-sales service is available to answer your questions and ensure a serene and satisfying purchasing experience. Secure delivery, available parts if needed, and follow-up guarantee after purchase are provided.

Contact Information: Please refer to your purchase receipt or the Casanoov official website for customer service 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

Anonymous

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you@example.com

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