HOMCOM 713-003

HOMCOM 6FT Foldable Aluminum Wheelchair Ramp

Model: 713-003 Instruction Manual

Introduction

This manual provides essential instructions for the safe and effective use of your HOMCOM 6FT Foldable Aluminum Wheelchair Ramp, Model 713-003. Please read all instructions carefully before setup and operation to ensure safety and optimal performance. This ramp is designed to provide accessible passage over steps and thresholds for wheelchairs, scooters, and other mobility aids.

Important Safety Information

- **Maximum Weight Capacity:** Do not exceed the maximum load capacity of 600 lbs (272 kg). Overloading can cause structural failure and injury.
- **Secure Placement:** Always ensure the ramp is securely positioned and anchored before use. The top lip of the ramp should rest firmly on the upper surface, and the safety pins/chains should be engaged to prevent slippage.
- **Stable Surface:** Use the ramp only on stable, level surfaces. Avoid uneven ground or unstable steps.
- **Non-Slip Surface:** The ramp features a ribbed, non-slip surface. However, exercise caution in wet or icy conditions. Clean the surface regularly to maintain its grip.
- **Sidewalls:** The ramp is equipped with 2-inch sidewalls to help prevent accidental falls. Always keep mobility devices centered on the ramp.
- **Assistance:** For manual wheelchairs, always have an assistant present when ascending or descending the ramp.
- **Inspection:** Before each use, inspect the ramp for any signs of damage, wear, or loose components. Do not use if damaged.
- **Angle of Incline:** Refer to the 'Operating Instructions' section for recommended angles of incline based on the type of mobility device. Steep inclines can be dangerous.

- **Moving the Ramp:** Due to its weight (approximately 33 lbs), it is advisable to have two individuals assist in moving this ramp, especially when placing it in a vehicle.

Setup Instructions

1. **Unfold the Ramp:** Place the folded ramp on a flat, stable surface near the area of use. Carefully unfold the ramp sections until they are fully extended.
2. **Positioning:** Position the top lip of the ramp firmly against the edge of the upper surface (e.g., step, doorway threshold). Ensure there is no gap between the ramp and the surface.
3. **Secure with Safety Pins/Chains:** The ramp includes safety pins and chains. Insert the safety pins through the designated holes on the ramp's top lip and secure them to prevent the ramp from shifting during use.



Image: Safety chain and pin detail for secure ramp placement.

4. **Check Stability:** Before using, gently test the ramp's stability by applying pressure. Ensure it does not rock, slide, or show any signs of instability.

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Video: Demonstrates the setup and use of the HOMCOM Wheelchair Ramp, including unfolding and securing.

Operating Instructions

The HOMCOM wheelchair ramp is designed for various mobility devices. Always adhere to the recommended angles and weight limits for safe operation.

Ramp Angle and Height Guide:

The maximum safe incline angle varies depending on the user and mobility device. Refer to the table below and the accompanying image for guidance:

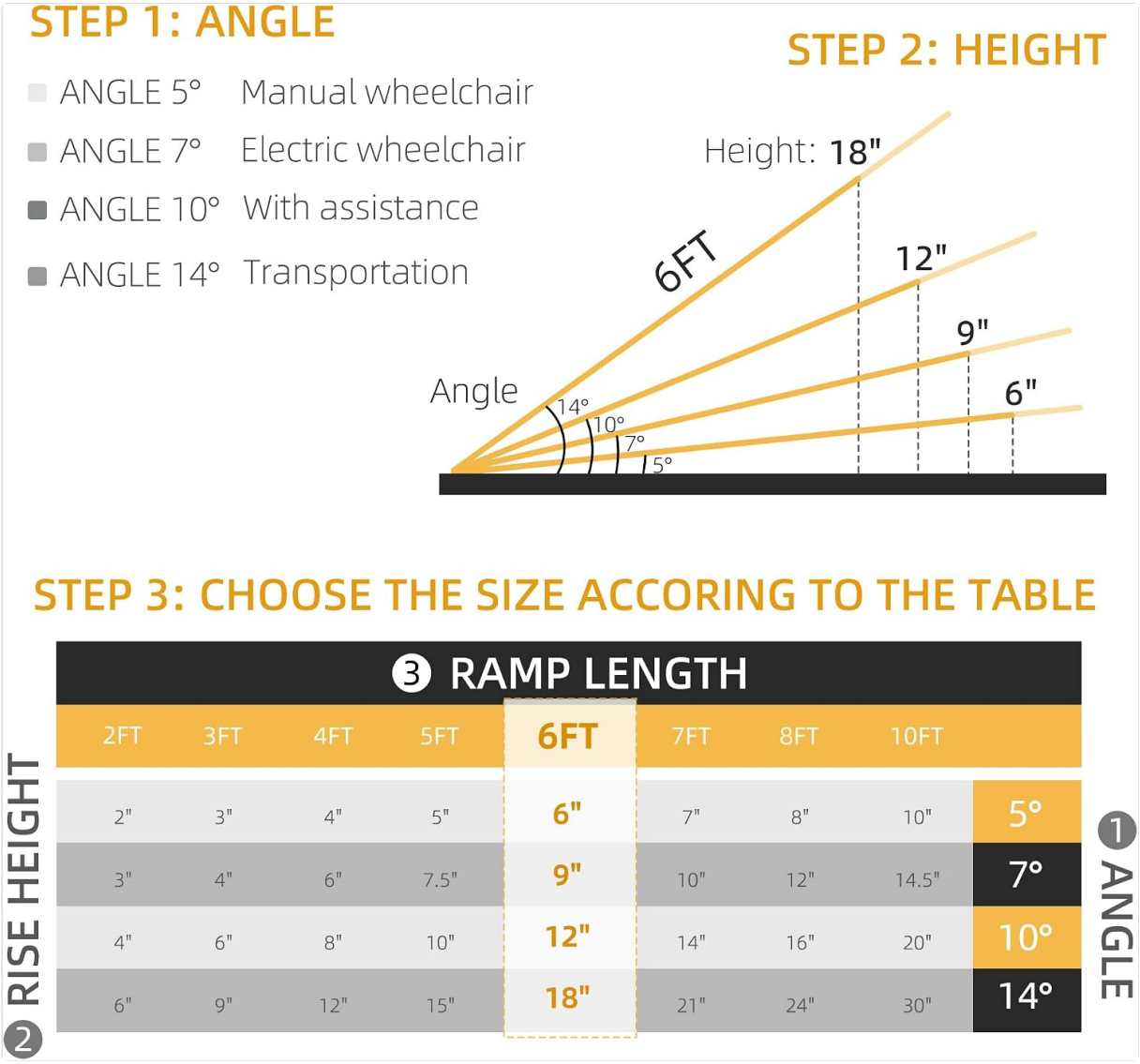


Image: Guide for selecting the correct ramp length based on rise height and desired angle for various mobility needs.

Ramp Length and Angle Guide (Rise Height in Inches)

Angle	User Type	2FT	3FT	4FT	5FT	6FT	7FT	8FT	10FT
5°	Manual Wheelchair	2"	3"	4"	5"	6"	7"	8"	10"
7°	Electric Wheelchair	3"	4"	6"	7.5"	9"	10"	12"	14.5"
10°	With Assistance	4"	6"	8"	10"	12"	14"	16"	20"
14°	Transportation	6"	9"	12"	15"	18"	21"	24"	30"

Note: The values in the table indicate the maximum rise height achievable for a given ramp length at a specific angle. For your 6FT (72-inch) ramp, the corresponding maximum rise heights for each angle are highlighted. Always choose the longest possible ramp for the lowest and safest incline.

Using the Ramp:

- **Approach:** Approach the ramp squarely and slowly.
- **Ascending/Descending:** For manual wheelchairs, an assistant should always push from behind when ascending and control the descent from the front. For electric wheelchairs, proceed slowly and steadily.
- **Smooth Transition:** The ramp is designed with a smooth transition plate to bridge the gap between the ramp and the ground, ensuring effortless access.



Image: Detail of the smooth transition feature, ensuring easy access for mobility devices.

- **Non-Slip Surface:** The ribbed surface provides traction. Ensure it is free from debris, water, or ice before use.



Image: Features including the non-slip surface, smooth transition, and safety pin.

Maintenance

- **Cleaning:** Clean the ramp regularly with mild soap and water. Rinse thoroughly and allow to dry completely before storage or next use. Avoid abrasive cleaners that could damage the aluminum or non-slip surface.
- **Inspection:** Periodically check all hinges, pins, and the ramp surface for any signs of wear, corrosion, or damage. Ensure all connections are secure. Replace any damaged parts immediately.
- **Storage:** When not in use, fold the ramp and store it in a dry, protected area. The foldable design allows for compact storage in a car trunk or garage.



Image: The ramp's foldable design allows for convenient storage in a vehicle.

Troubleshooting

- **Ramp feels unstable:**
  - Ensure the ramp is fully unfolded and locked into position.
  - Verify that the top lip is resting securely and flat on the upper surface.
  - Confirm that the safety pins/chains are properly engaged.
  - Check that the ground surface beneath the ramp is firm and level.
  - Ensure the ramp is not exceeding its maximum weight capacity.
- **Difficulty moving mobility device up/down:**
  - Re-evaluate the ramp's angle of incline. A steeper angle requires more effort and can be unsafe. Refer to the 'Ramp Angle and Height Guide'.
  - Ensure the non-slip surface is clean and dry.
  - Confirm that an appropriate assistant is providing support for manual wheelchairs.
- **Ramp appears damaged:**
  - Immediately cease use.
  - Inspect for cracks, bends, or loose components.

- Contact customer support for assistance or replacement. Do not attempt to repair structural damage yourself.

Specifications

Brand	HOMCOM
Model Number	713-003
Material	Aluminum
Color	Silver
Item Weight	33 Pounds (15 kg)
Product Dimensions (Unfolded)	72" L x 28.25" W x 2" H (182.88 cm L x 71.76 cm W x 5.08 cm H)
Load Capacity	600 Pounds (272 kg)
Foldable	Yes
UPC	799932992162



Image: Detailed dimensions and weight of the HOMCOM 6FT Wheelchair Ramp.

Warranty and Support

For warranty information, returns, or replacement parts, please refer to your purchase documentation or contact the retailer directly. For product support, you may contact the manufacturer, Aosom Direct.

- **Manufacturer:** Aosom Direct
- **Return Policy:** Typically 30 days for refund/replacement. Please check with your retailer for specific terms.