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Lyromix ATLD-02

Lyromix Aluminum Attic Ladder Instruction Manual

Model: ATLD-02 | Brand: Lyromix

INTRODUCTION

This manual provides detailed instructions for the safe installation, operation, and maintenance of your Lyromix Aluminum Attic Ladder. Please read all instructions carefully before beginning installation or use to ensure proper function and safety. Retain this manual for future reference.

Lyromix

Aluminum Attic Ladder

Unlock Your Space,
Elevate Your Home



Pine wood



350LBS



Side handrail



Image: Lyromix Aluminum Attic Ladder in an open position, extending from a ceiling opening into a room.

SAFETY GUIDELINES

Your safety is paramount. Adhere to the following guidelines:

- **Load Capacity:** Do not exceed the maximum load capacity of 350 lbs (158 kg). This includes the user and

any items being carried.

- **Proper Installation:** Ensure the ladder is installed correctly according to the instructions. Improper installation can lead to instability and injury.
- **Inspection:** Before each use, inspect the ladder for any damage, loose fasteners, or wear. Do not use a damaged ladder.
- **Stable Surface:** Ensure the floor beneath the ladder is level and stable. The non-slip feet must be in full contact with the ground.
- **Clear Area:** Keep the area around the ladder clear of obstructions during operation.
- **One Person at a Time:** Only one person should be on the ladder at any given time.
- **Face the Ladder:** Always face the ladder when ascending or descending. Maintain three points of contact.
- **ANSI Standards:** This ladder exceeds ANSI 14.9 standards for safety and durability.



Image: The Lyromix Aluminum Attic Ladder shown with an overlay indicating a 350 lbs load capacity.

SETUP AND INSTALLATION

Proper installation is critical for the safe and reliable operation of your attic ladder. Professional installation is recommended.

Required Opening Dimensions

The attic ladder is designed for a rough ceiling opening of **22.5 inches (width) x 54 inches (length)**.

Rough Ceiling Opening Dimensions

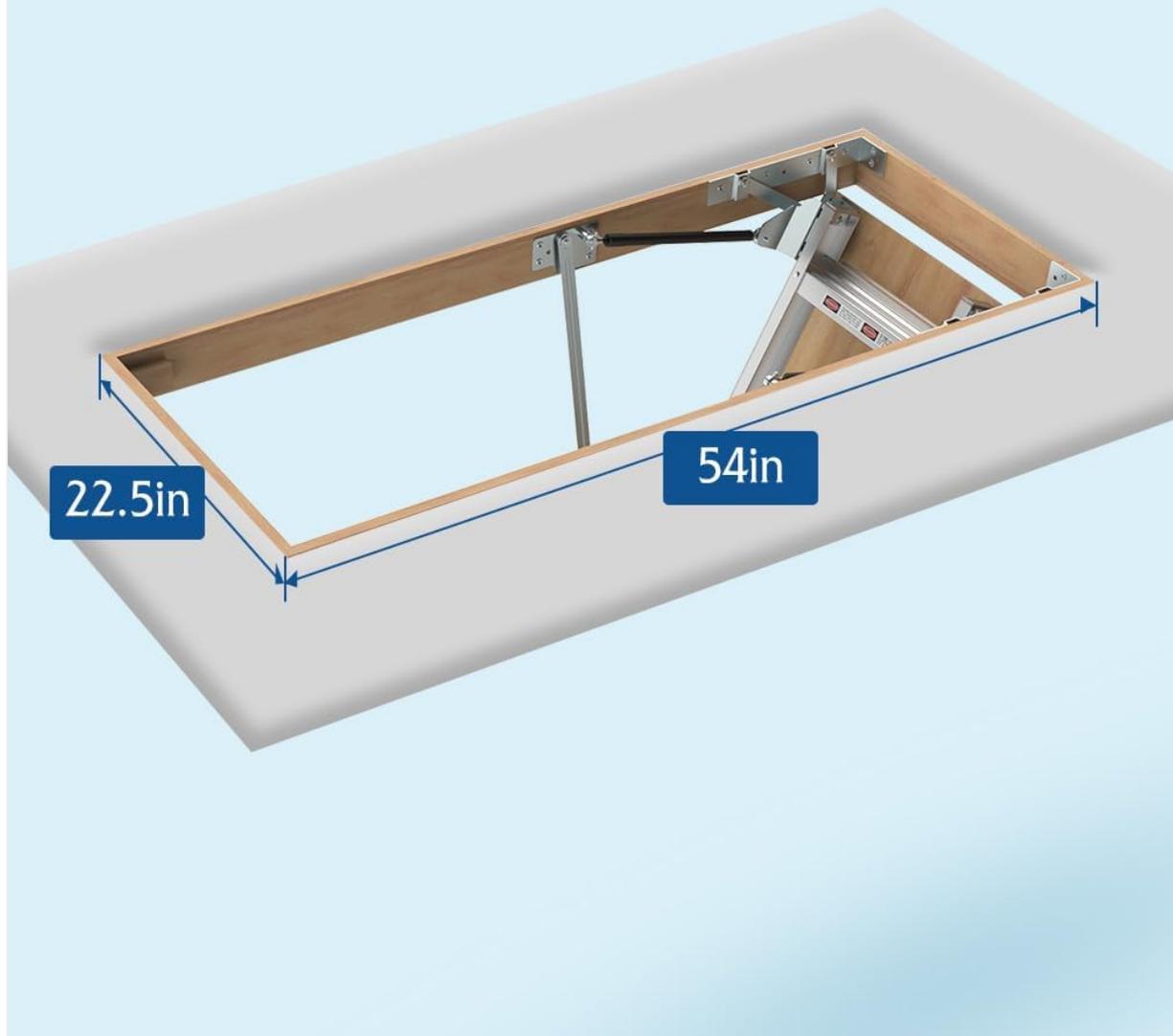


Image: A diagram illustrating the required rough ceiling opening dimensions for installation.

Ceiling Height Compatibility

This ladder is suitable for ceiling heights ranging from **7 feet 8 inches to 10 feet 3 inches**.



Image: A visual representation of the attic ladder extending from the ceiling to the floor, indicating the compatible ceiling height range.

Installation Steps (Summary)

1. Prepare the rough opening in the ceiling according to the specified dimensions.
2. Carefully lift the ladder assembly into the opening.
3. Secure the frame to the ceiling joists using appropriate fasteners (not included). Ensure the frame is level and square.
4. Adjust the ladder length to match your specific ceiling height, ensuring the feet rest firmly on the floor when fully extended.
5. Test the ladder's operation to confirm smooth extension and retraction.

OPERATING INSTRUCTIONS

The Lyromix Aluminum Attic Ladder features damping levers for smooth and controlled operation.

Extending the Ladder

1. Using a suitable pole or hook, gently pull down the attic door panel.
2. As the door opens, the ladder will begin to unfold. Guide it downwards until it fully extends and the feet are firmly on the floor.
3. Ensure all sections are locked into place before climbing.

Retracting the Ladder

1. Ensure no one is on the ladder and the area beneath is clear.
2. Carefully lift the bottom section of the ladder, allowing it to fold upwards. The damping levers will assist in a controlled retraction.
3. Continue folding the ladder sections until it is fully stowed within the attic opening.
4. Gently push the attic door panel closed until it latches securely.

Gas Damper Rod



Image: A detailed view of the gas damper rod, which ensures smooth and controlled ladder operation.

MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your attic ladder.

- **Periodic Inspection:** Annually, or more frequently with heavy use, inspect all moving parts, hinges, and fasteners for wear, damage, or looseness.
- **Lubrication:** Apply a silicone-based lubricant to hinges and pivot points as needed to maintain smooth operation.
- **Cleaning:** Keep the ladder steps and frame clean and free of debris. Use a damp cloth for cleaning; avoid

harsh chemicals.

- **Foot Pads:** Check the non-slip foot pads for wear or damage. Replace if necessary to ensure proper grip.
- **Gas Damper Rods:** Inspect the gas damper rods for any signs of leakage or reduced performance. Contact support if issues are observed.

TROUBLESHOOTING

If you encounter issues with your Lyromix Aluminum Attic Ladder, refer to the following common solutions:

- **Ladder does not extend/retract smoothly:** Check for obstructions in the mechanism. Ensure all hinges are clean and lubricated. Verify the gas damper rods are functioning correctly.
- **Ladder feels wobbly:** Re-check all installation fasteners to ensure they are tight and secure. Confirm the ladder frame is square and level within the rough opening. Ensure the ladder feet are fully on the ground.
- **Attic door does not close securely:** Inspect the latch mechanism for damage or misalignment. Clear any debris that may prevent full closure.

For issues not resolved by these steps, please contact Lyromix customer support.

SPECIFICATIONS

Key technical specifications for the Lyromix Aluminum Attic Ladder:

Feature	Detail
Model Number	ATLD-02
Material	Aluminum (ladder), Pine Wood (frame)
Rough Opening Dimensions	22.5" W x 54" L
Ceiling Height Range	7'8" - 10'3"
Load Capacity	350 LBS
Number of Steps	3 (sections)
Step Width	3 inches (anti-slip)
Product Dimensions (Extended)	22.5" W x 111.6" H (approximate, depends on ceiling height adjustment)
Item Weight	23.8 pounds
Special Feature	Foldable, Damping Levers, Non-slip Feet
Safety Certification	Exceeds ANSI 14.9 standards

Product Dimensions

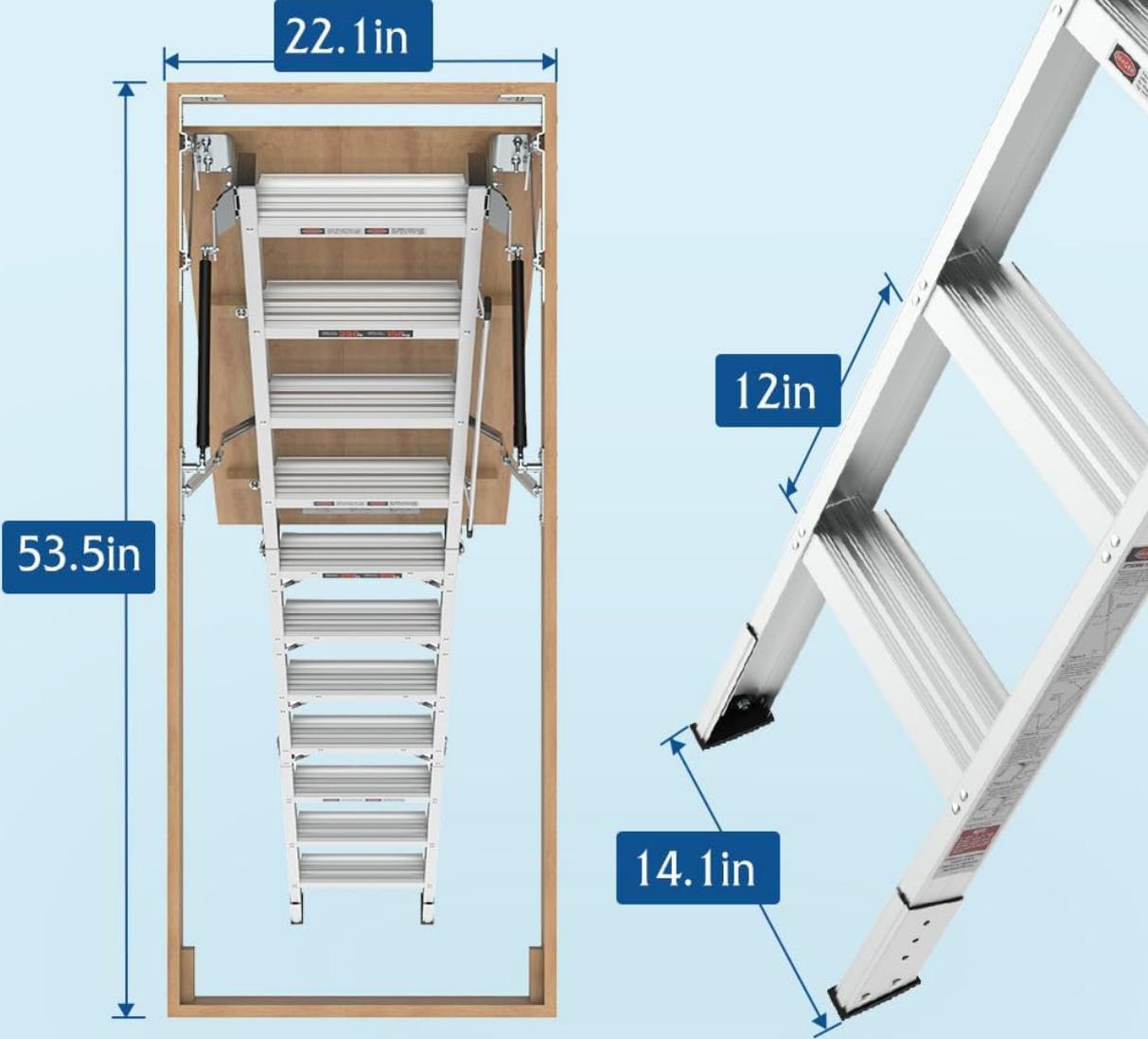


Image: Detailed product dimensions, including the width of the ladder and step measurements.



Image: A close-up view of the widened anti-slip steps, highlighting their 3-inch depth for secure footing.

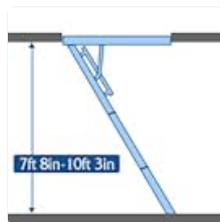


Image: An illustration detailing the construction materials, featuring aluminum for the ladder sections and pine wood for the frame.

WARRANTY INFORMATION

Lyromix products are manufactured to high-quality standards. For specific warranty details, including coverage period and terms, please refer to the warranty card included with your product or visit the official Lyromix website. Keep your proof of purchase for warranty claims.

CUSTOMER SUPPORT

If you have any questions, require assistance with installation, or need to report a problem, please contact Lyromix customer support:

- **Website:** Visit the official Lyromix website for FAQs and contact forms.
- **Email:** Refer to your product packaging or the Lyromix website for customer service email addresses.
- **Phone:** Contact numbers may be available on the Lyromix website or product documentation.

When contacting support, please have your model number (ATLD-02) and purchase information readily available.