Windhager 04504

Windhager Basic Window Mosquito Screen Instruction Manual

Model: 04504 (100x120cm, White)

1. Introduction

The Windhager Basic Window Mosquito Screen provides reliable protection against insects, ensuring a comfortable and insect-free living space. This DIY kit features a stable aluminum frame, durable fiberglass mesh, and a sealing brush for comprehensive protection. Designed for easy, drill-free installation, it is ideal for various window types, including rental properties.

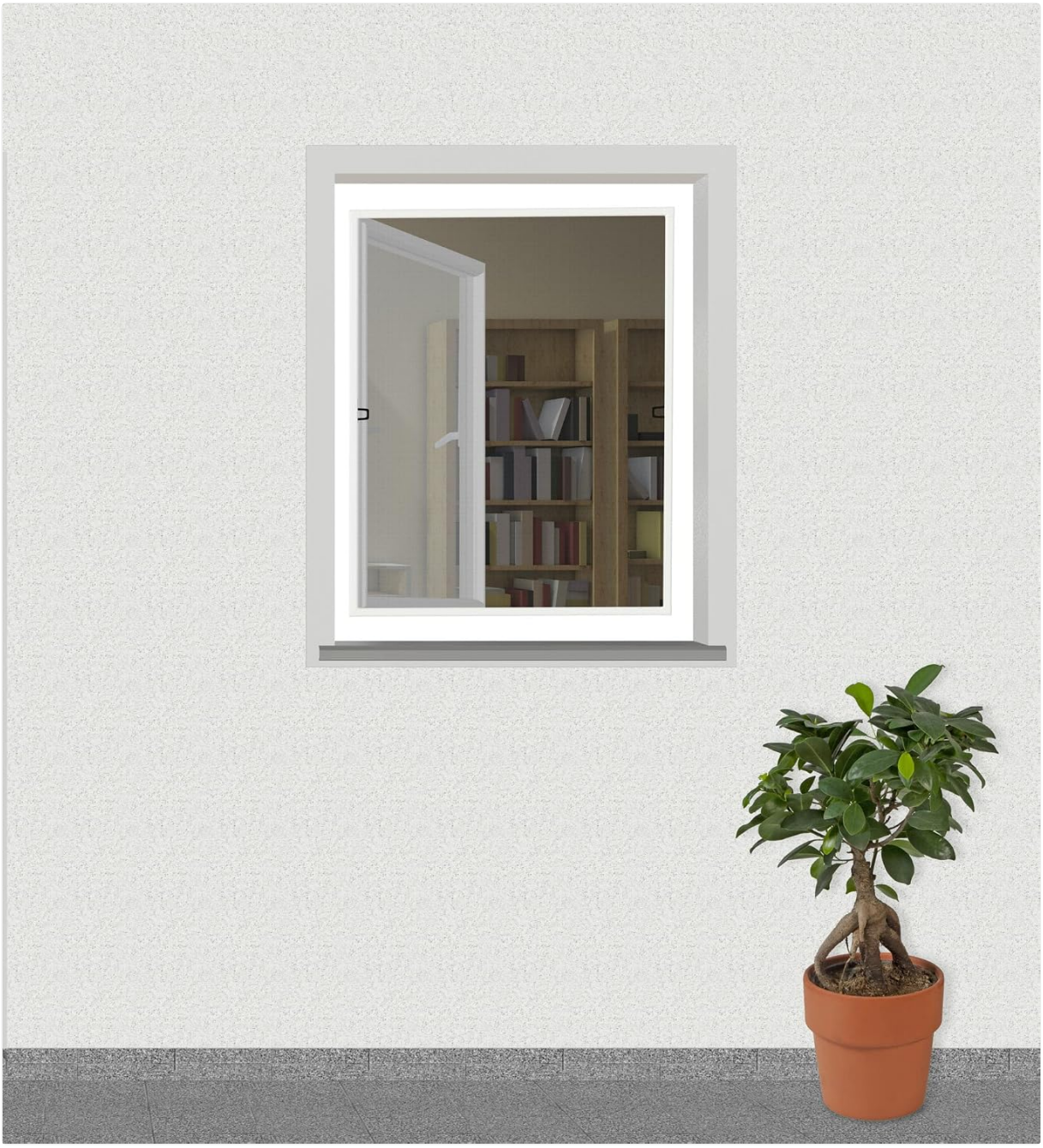


Image 1.1: The Windhager Basic Window Mosquito Screen installed, providing a clear view while keeping insects out.



Image 1.2: Benefits of using the mosquito screen, including avoiding mosquito bites, peaceful sleep, and tranquil cooking and ventilation.

2. Safety Information

- Always handle tools with care. Sharp objects like utility knives or hacksaws should be used cautiously.
- Keep small parts and packaging materials out of reach of children to prevent choking hazards.
- Ensure the work area is clean and well-lit during assembly.
- Wear appropriate personal protective equipment, such as gloves, if necessary during cutting or assembly.

3. Package Contents

Before beginning assembly, please verify that all components are present:

- PVC frame profiles
- Fiberglass mesh fabric
- Set of corner connectors

- Small parts and handles
- Sealing brush
- Instruction manual

4. Setup and Installation

This mosquito screen is a DIY kit designed for straightforward assembly and installation. Follow these steps carefully for optimal results.

4.1. Required Tools

- Tape measure
- Pen or marker
- Utility knife or scissors
- Rubber mallet
- Pliers
- *Optional for cutting profiles:* Hacksaw, metal file, miter box

4.2. Important Dimensions

For the 100 x 120 cm mosquito screen:

- **Assembled screen size:** Maximum 100 x 120 cm
- **Window opening size (light dimensions):** Maximum 94 x 114 cm
- **Window frame thickness:** 5 to 35 mm



Image 4.1: Proper measurement of the window reveal (light dimension) and a close-up of the sealing brush for insect protection.

4.3. Step-by-Step Assembly

1. **Measure the Window Opening:** Carefully measure the exact dimensions of your window opening where the screen will be installed.
2. **Cut Profiles and Mesh:** Based on your measurements, cut the aluminum profiles, strips, brush seal, and fiberglass mesh to the required size. Ensure precise cuts for a snug fit.
3. **Assemble the Frame:** Connect the cut aluminum profiles using the corner connectors. Use a rubber mallet to gently tap the profiles into place, ensuring a secure and square frame.
4. **Install the Mesh:** Lay the fiberglass mesh over the assembled frame. Secure it tightly using the provided spline and roller tool (if included) or by carefully pressing it into the profile groove. Trim any excess mesh.
5. **Attach Sealing Brush and Handles:** Install the sealing brush around the perimeter of the frame. Attach the small handles to the side tabs for easy handling.
6. **Prepare Mounting Brackets:** Bend the four stainless steel mounting brackets to match the thickness of your window frame (5 to 35 mm).
7. **Hang the Mosquito Screen:** Carefully hang the assembled mosquito screen onto your window frame using the prepared mounting brackets. The drill-free design ensures your window frame

remains intact.



Image 4.2: Visual guide for simple and quick fixing: 1. Measurement, 2. Shortening profiles, 3. Assembly, 4. Hanging the screen.

4.4. Window Compatibility

The mosquito screen is designed with a slim 9 mm installation depth, making it compatible with various window types:

- **Flush Windows:** Windows where the frame and sash align from the exterior, creating no protrusion.
- **Offset Windows:** Windows where the frame and sash do not align from the exterior, forming a step or protrusion.
- **Windows without Weatherstripping:** Windows that lack a beveled element typically used for rainwater drainage.
- **Windows with Fixed Sun Protection:** Compatible with roller blinds, Roman blinds, or external blinds. Always consider the installation depth.



Image 4.3: The space-saving design with a reduced installation depth of only 9 mm, allowing external installation without drilling and keeping the window frame intact.

5. Operating Instructions

Once installed, the Windhager Basic Window Mosquito Screen provides continuous insect protection. To remove or re-hang the screen, simply use the side handle tabs. This allows for easy removal when not needed or for cleaning.

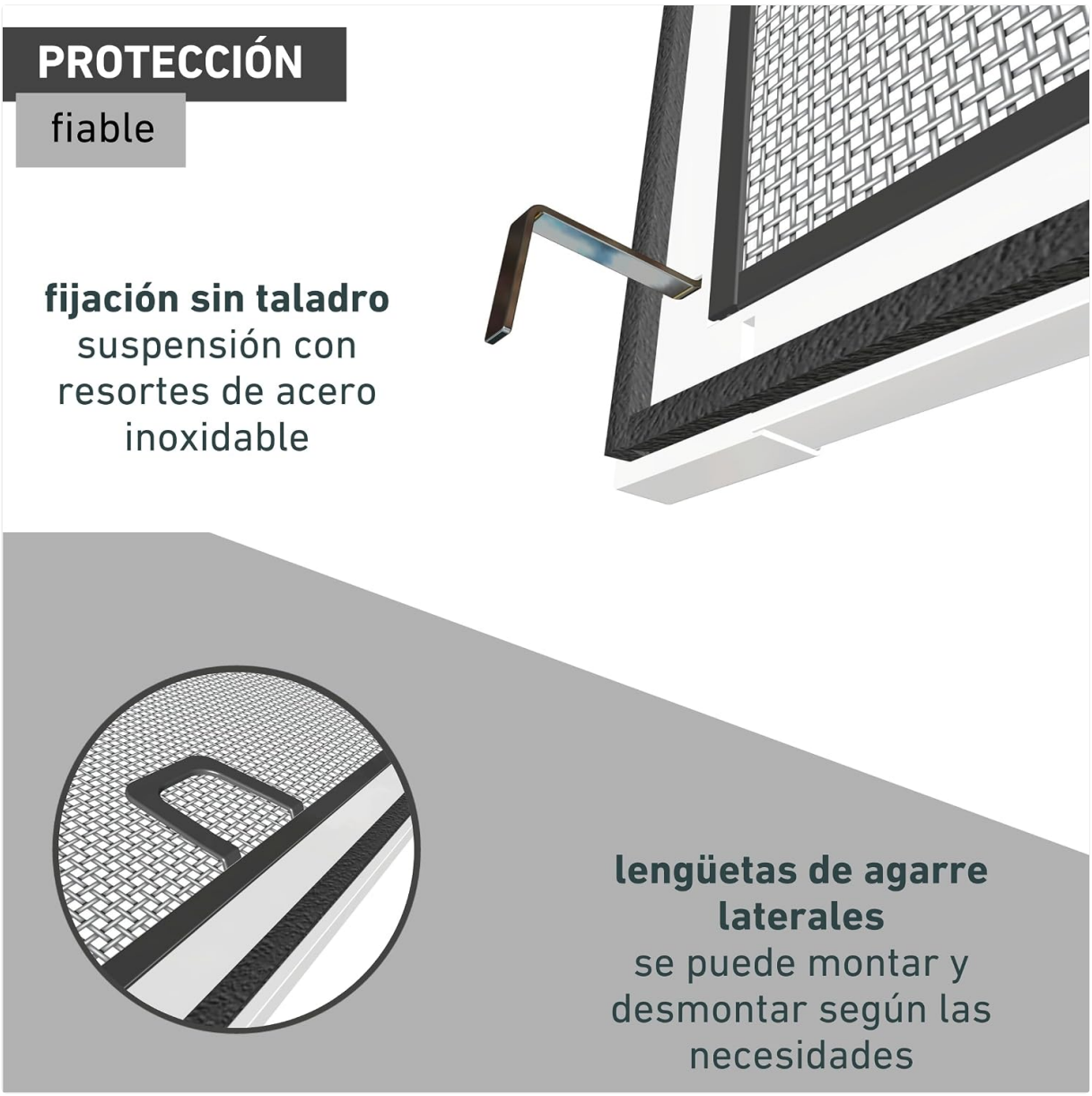


Image 5.1: Detail of the reliable, drill-free fixing with stainless steel springs and the side grip tabs for easy mounting and dismounting.

6. Maintenance

To ensure the longevity and effectiveness of your mosquito screen, regular maintenance is recommended:

- **Cleaning the Mesh:** Gently wipe the fiberglass mesh with a damp cloth to remove dust and debris. For stubborn dirt, a mild soap solution can be used. Rinse thoroughly with water and allow to air dry.
- **Cleaning the Frame:** Clean the aluminum frame with a damp cloth. Avoid abrasive cleaners that could damage the finish.
- **Inspection:** Periodically inspect the mesh for any tears or damage. Check the frame and corner connectors for stability.
- **Storage:** If removing the screen for the off-season, clean it thoroughly and store it in a dry, protected area to prevent damage.

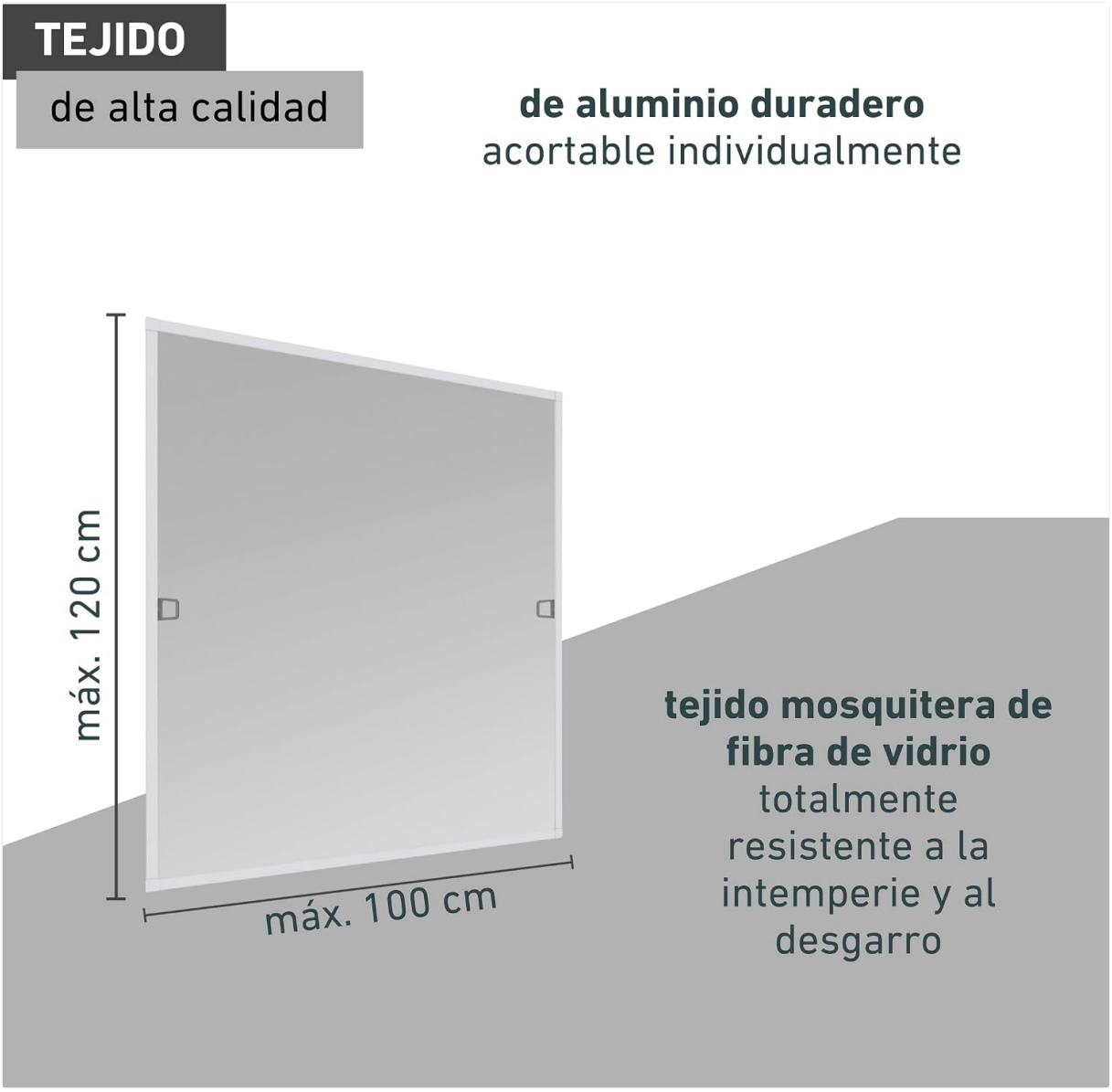


Image 6.1: High-quality, durable aluminum frame and weather-resistant, tear-proof fiberglass mesh, individually cuttable.

7. Troubleshooting

If you encounter any issues during assembly or use, consider the following:

- **Difficulty in Assembly** / **Frame Deformation:** Ensure all measurements are precise before cutting. When assembling the frame, apply even pressure and use a rubber mallet gently to avoid bending the profiles. If the mesh is too tight, it can deform the frame; ensure it is taut but not excessively stretched.
- **Screen Does Not Fit:** Double-check your window opening measurements against the cut profiles. Small adjustments may be possible, but significant discrepancies might require re-cutting profiles or mesh.
- **Insects Still Entering:** Verify that the sealing brush is properly installed around the entire perimeter of the screen and that there are no gaps between the screen and the window frame. Check the mesh for any unnoticed tears.

8. Specifications

Brand	Windhager

Model Number	04504
Color	White
Material	Aluminum (frame), Fiberglass (mesh)
Style	Basic
Assembled Dimensions (Max)	100 x 120 cm
Compatible Window Opening (Max)	94 x 114 cm
Compatible Frame Thickness	5 to 35 mm
Installation Depth	9 mm
Assembly Required	Yes
Smart Home Compatibility	No



Image 8.1: Stable corners provide support and conceal cut edges, ensuring durable quality for windows primarily used for ventilation.

9. Warranty

Windhager products are manufactured to high-quality standards. For specific warranty information regarding your Basic Window Mosquito Screen, please refer to the documentation included with your purchase or contact Windhager customer support directly.

10. Support

Should you require further assistance with assembly, operation, or troubleshooting, please contact Windhager customer support. You can find contact details on the official Windhager website or through the retailer where you purchased the product.
For more information about Windhager products, visit the official brand store:Windhager Home & Garden Store



Image 10.1: The Windhager Basic Window Mosquito Screen offers clean and lasting insect protection for all homes, free from chemicals, with drill-free installation ideal for rental apartments.