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› Backyard Discovery Evanston 16'x10' Galvanized Steel Wall-Mounted Louvered Pergola Kit Instruction Manual

Backyard Discovery Evanston 16x10 Wall Mount

Backyard Discovery Evanston 16'x10' Wall-Mounted Louvered Pergola Kit

Instruction Manual

1. PRODUCT OVERVIEW

The Backyard Discovery Evanston Wall-Mounted Louvered Pergola is designed to provide an adjustable outdoor living space. This structure attaches directly to your house, offering a seamless transition between indoor and outdoor areas. It features a louvered roof for adjustable shade and rain protection, a built-in drainage system, and a PowerPort for electrical access.

Key Features:

- **Adjustable Louvered Roof:** Allows control over sunlight and provides rain protection.
- **Galvanized Steel Construction:** Powder-coated for durability, rust, and corrosion resistance.
- **Integrated Drainage System:** Channels rainwater through downspouts within the posts.
- **PowerPort:** Includes 3 electrical outlets and 3 USB ports for outdoor power needs.
- **High-Wind and Snow Load Rating:** Engineered to withstand significant weather conditions.
- **Wall-Mounted Design:** Attaches to an existing structure for stability.



Figure 1: The Backyard Discovery Evanston 16'x10' Wall-Mounted Louvered Pergola.

2. SETUP AND INSTALLATION

This pergola kit is designed for ready-to-assemble installation. It is crucial to follow all instructions carefully to ensure proper assembly and structural integrity. Professional installation is recommended, and local building codes and Homeowners Association (HOA) regulations should be confirmed prior to purchase and installation.

Pre-Installation Steps:

1. **Site Preparation:** Select a level area for your pergola. Ensure adequate space and clearance around the intended installation site.
2. **Delivery Inspection:** Upon delivery, inspect all packages for damage. Report any issues immediately.
3. **Inventory Check:** Before beginning assembly, identify and organize all parts against the provided parts list.
4. **Tool Gathering:** Gather all necessary tools as specified in the assembly guide. A helper is recommended for assembly.

For detailed, interactive 3D instructions, utilize the BILT app, which provides step-by-step guidance for assembly.



Figure 2: Preparation steps for assembling your pergola. Note: This pergola is metal, so sealant application is not required.

Dimensional Information:

The 16x10 Evanston pergola has specific dimensions for wall-mounted installation. Refer to the diagram below for detailed measurements.

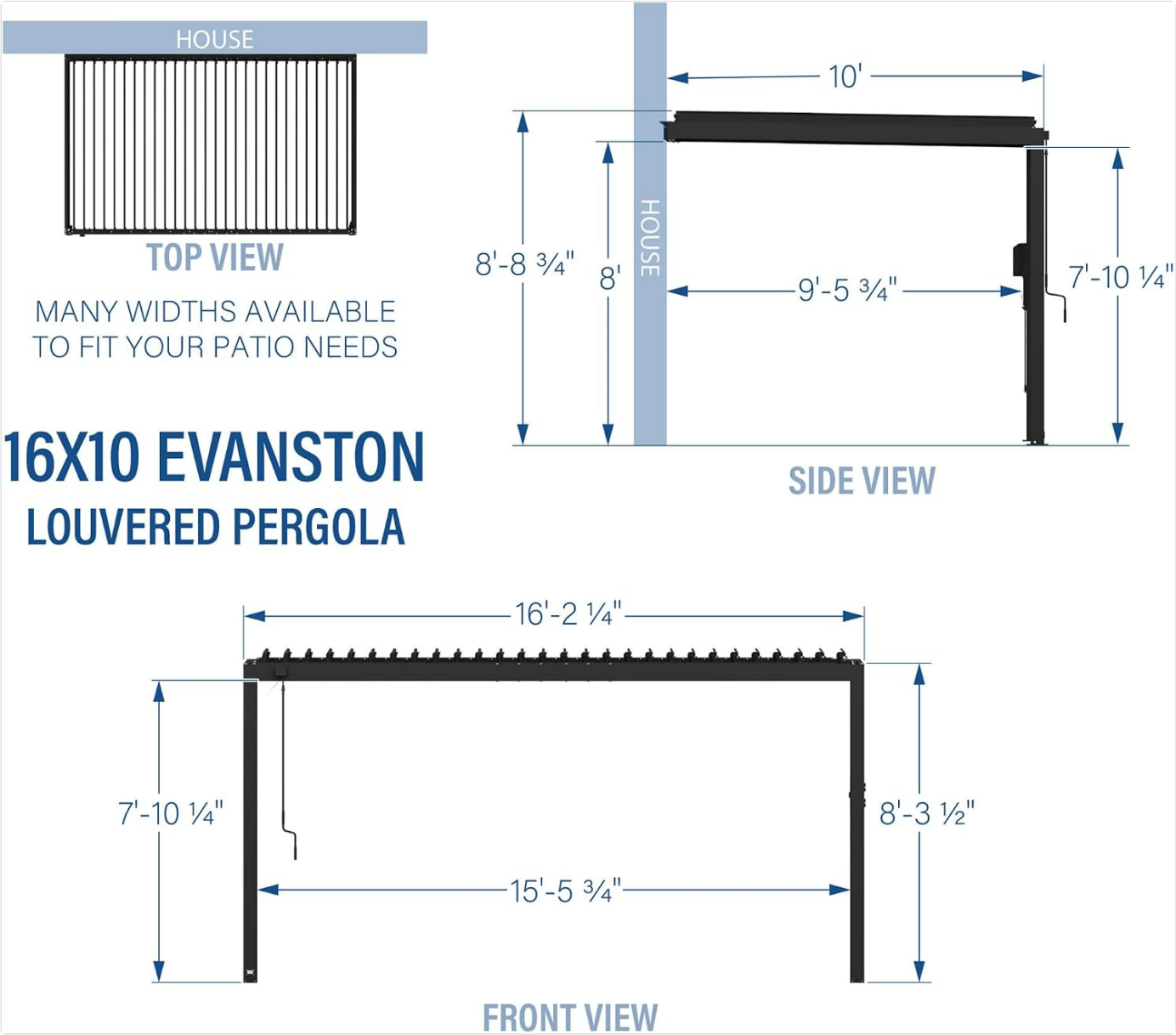


Figure 3: Dimensional diagram for the 16x10 Evanston Wall-Mounted Louvered Pergola.

3. OPERATION

Adjusting the Louvered Roof:

The pergola features an adjustable louvered roof system. Use the included wand to control the louver position. Rotate the wand to open the louvers for direct sunlight or close them completely for full shade and protection from rain.



Figure 4: The louver wand for adjusting the roof panels.



**CREATE SHADE OR
PROTECTION FROM RAIN**

Figure 5: Louvers closed for shade or rain protection.



Figure 6: Louvers open to enjoy sunlight.

Using the PowerPort:

The patented PowerPort provides convenient access to electrical outlets and USB ports. It can be mounted to any post on the structure. Ensure a power source is connected to the PowerPort for functionality. This feature allows you to power lighting, music, and other devices in your outdoor space.



Figure 7: The PowerPort for electrical and USB access.

4. MAINTENANCE

The pergola's powder-coated galvanized steel construction is designed for low maintenance and resistance to rust and corrosion. Regular cleaning and inspection will help maintain its appearance and functionality.

Cleaning:

- Clean the steel frame and louvers with mild soap and water. Avoid abrasive cleaners or harsh chemicals that could damage the finish.
- Regularly inspect and clear the integrated drainage system of any debris (leaves, dirt) to ensure proper water flow.



Figure 8: Built-in drainage system in a pergola post.

Weather Protection:

The pergola is Pro-Tect tested and proven to withstand up to 3,100 pounds of snow load (equivalent to 12 inches of snow) and winds up to 100 mph. While designed for durability, regular inspection for any signs of wear or damage after severe weather is recommended.



Figure 9: Pergola durability against snow load and high winds.

5. TROUBLESHOOTING

If you encounter any issues with your pergola, consider the following general troubleshooting steps:

- **Louver Malfunction:** Ensure the louver wand is properly engaged and free of obstructions. Check for any debris caught between the louver panels.
- **Water Drainage Issues:** Verify that the gutter system and downspouts are clear of leaves, dirt, or other blockages.
- **PowerPort Not Working:** Confirm that the PowerPort is correctly connected to an active external power source. Check for tripped circuit breakers if applicable.
- **Structural Instability:** Re-check all bolted connections to ensure they are tightened according to the assembly instructions. Ensure the anchoring plates are securely fastened to the mounting surface.

For persistent issues or concerns regarding structural integrity, contact Backyard Discovery customer support.

6. SPECIFICATIONS

Feature	Specification
Model	Evanston 16x10 Wall Mount
Dimensions (Size)	16x10 ft
Material	Galvanized Steel (Powder-Coated)
Color	Black
Item Weight	611.55 Pounds
Operation Mode	Manual (Louver Adjustment)
Assembly Required	Yes
Snow Load Rating	Up to 3,100 lbs (12 inches of snow)
Wind Rating	Up to 100 mph
PowerPort	3 Electrical Outlets, 3 USB Ports (Power source not included)
UPC	752113407107

7. WARRANTY AND SUPPORT

Warranty Information:

The Backyard Discovery Evanston Pergola comes with an industry-leading 5-year warranty. Please retain your proof of purchase for warranty claims.

Customer Support:

For assembly assistance, missing parts, or any product-related inquiries, please contact Backyard Discovery customer support. Refer to the contact information provided in your product packaging or on the official Backyard Discovery website.

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

Email

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