

Multifunctional Garden Arch Installation Guide

Thank you for choosing our multifunctional garden arch. With its exquisite design, this arch showcases unique charm, whether used for special events like weddings and parties or to decorate your garden and courtyard. To ensure a smooth installation and maximize the arch's potential, please read this guide carefully.

1. Pre-installation Preparations

(1) Tool Preparation

1. **Tape Measure:** Accurately measure the installation area to ensure the arch fits proportionally and is positioned correctly.
2. **Drill:** Used to create holes in the ground or other surfaces for securing arch components.
3. **Screwdriver:** Tighten screws to connect various parts of the arch.
4. **Level:** Ensure the arch is perfectly vertical and horizontal, avoiding any tilting that could affect its appearance and stability.
5. **Hammer:** May be needed to gently tap components into place during installation.
6. **Gloves:** Protect your hands from potential injuries during the installation process.

(2) Site Preparation

1. **Select the Installation Location:** Choose an open, flat area with good drainage. Avoid low - lying areas prone to water accumulation to prevent rust or damage from prolonged exposure to moisture. When installing in a garden, consider its harmony with surrounding plants and landscapes; for event decorations, ensure the location doesn't obstruct pedestrian flow and serves as a visual centerpiece.
2. **Clear the Site:** Remove debris, weeds, stones, and other obstructions from the installation area. If the ground is uneven, use a shovel or hoe to level it, providing a solid foundation for the arch.

(3) Component Inspection and Organization

1. **Component Inventory:** Open the package and carefully check all components against the product list to ensure nothing is missing. This garden arch typically includes two columns, two crossbeams, and related connectors, screws, etc.
2. **Component Inspection:** Examine each component for damage or deformation. If any issues are found, contact the supplier immediately for replacement to avoid installation and usage problems.
3. **Component Sorting:** Arrange the inspected components according to the installation sequence for easy access, improving installation

efficiency. For example, place columns and crossbeams separately and group small parts like connectors and screws together with clear labels.

2. Installation Steps

(1) Column Installation

1. **Determine Column Positions:** Use a tape measure to mark the locations of the two columns on the installation site. The distance between the columns should match the length of the arch's crossbeam (approximately 55 inches). Mark the positions with chalk or other markers.
2. **Punching and Fixing (for hard surfaces like concrete or stone):**
 1. Use a drill to create holes at the marked positions. The hole depth and diameter should match the specifications of the expansion bolts, usually 5 - 8 cm deep and slightly larger than the bolt's outer diameter.
 2. Insert the expansion bolts into the holes and gently tap them in with a hammer until fully seated.
 3. Align the installation holes at the bottom of the columns with the expansion bolts, slide them over, and tighten the nuts with a wrench to firmly secure the columns to the ground.

3. **Digging and Embedding (for soft surfaces like soil or grass):**

1. Use a shovel to dig two holes at the marked positions. The hole depth is generally 60 - 80 cm, and the diameter should be 10 - 15 cm larger than the column's diameter.
2. Lay a 10 - 15 cm layer of gravel or crushed stone at the bottom of each hole for drainage and stability.
3. Place the columns into the holes and use a level to check their verticality. Adjust by adding or removing gravel around the columns if necessary.
4. Pour concrete into the holes, stirring with a rebar or stick to ensure even filling. Stop pouring when the concrete is 10 - 15 cm from the ground surface. Wait 1 - 2 days for the concrete to set, avoiding any impact on the columns during this period.

(2) Crossbeam Installation

1. **Lift the Crossbeam:** Once the columns are firmly fixed, two people should lift the crossbeam together and align the connection holes at both ends with the top of the columns. Keep the crossbeam horizontal during lifting and avoid colliding with the installed columns.
2. **Connect and Secure:** Use a screwdriver or electric screwdriver to insert pre - prepared screws through the connection holes of the crossbeam

and columns, tightening them to ensure a secure connection. For larger or heavier arches, additional connectors like angle brackets may be needed for enhanced stability. When installing angle brackets, first fix one end to the connection between the crossbeam and column with screws, then connect and tighten the other end to the corresponding part.

(3) Overall Reinforcement and Inspection

1. **Reinforce Connection Points:** After installing the crossbeam, re - check and tighten all screws at the connection points. For critical junctions, such as where columns meet crossbeams, use a wrench to further reinforce and ensure the overall structure is stable.
2. **Check Overall Stability:** Gently shake the arch after installation to check its firmness. If any wobbling or instability is detected, carefully inspect all connections, identify the problem, and make repairs. This may involve re - tightening loose screws or reinforcing the foundation if necessary.
3. **Adjust Horizontal and Vertical Alignment:** Use a level to re - check the arch's horizontal and vertical alignment, ensuring it is correctly positioned in all directions. For hard - surface installations, adjust by fine - tuning the nuts at the bottom of the columns; for soft - surface

installations, make adjustments by adding or removing filler around the columns.

3. Decoration and Subsequent Use

(1) Decoration Tips

1. **Flower Decoration:** Select seasonal blooms like roses, lilies, or carnations. Secure them to the arch with thin wire or floral tape. Distribute them evenly along the crossbeam and columns or create a focal point at the top. Replace the flowers regularly to maintain freshness and beauty.
2. **Tulle Decoration:** Choose light, flowing tulle in soft colors such as white, pink, or light blue. Drape the tulle from the top of the arch, winding it along the crossbeam and columns to create a romantic, dreamy atmosphere. Adjust the length according to the desired effect, like floor-length tulle for added ceremony.
3. **Balloon Decoration:** Pick vibrant balloons in colors like red, gold, or silver, coordinating with the event theme. Inflate the balloons with a pump and tie them to the arch using ribbons or fishing lines. Arrange them in strings along the arch's outline or create clusters at key positions, such as the top and sides.

4. **Foliage Decoration:** Gather fresh greenery like ivy, ferns, or willow branches. Fix them to the arch with thin wire or string. Let the foliage hang naturally for a fresh, natural look that complements the garden setting.
5. **Light Decoration:** For a glowing effect at night, choose string lights or LED strips. Wind the lights along the arch's contour, ensuring wires are concealed for safety. Select colors and flashing modes according to the event atmosphere, like warm yellow for cozy occasions or multicolored flashing for lively parties.

(2) Daily Maintenance and Precautions

1. **Regular Inspections:** Periodically check all components of the arch for looseness or damage, especially after severe weather like strong winds or heavy rain. Promptly repair any damaged parts to ensure safety and stability.
2. **Cleaning and Maintenance:** Wipe the arch's surface with a clean, damp cloth to remove dust and stains. For stubborn dirt, use a mild cleaner, avoiding corrosive substances that could damage the surface coating or material. If the arch is made of metal, apply anti - rust paint regularly.

3. **Avoid Overloading:** Despite its sturdy structure, do not hang overly heavy items on the arch to prevent deformation or damage. Choose decorations carefully, considering their weight and quantity.
4. **Seasonal Maintenance:** In winter, remove snow from the arch promptly to prevent excessive pressure. In summer, protect the arch from prolonged sun exposure to avoid material aging, using sunshades if needed.