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YITAHOME 30x10x6.5ft

YITAHOME 30x10x6.5ft Large Heavy Duty Walk-in Tunnel Greenhouse

USER MANUAL

1. Introduction and Product Overview

This manual provides detailed instructions for the assembly, operation, and maintenance of your YITAHOME 30x10x6.5ft Large Heavy Duty Walk-in Tunnel Greenhouse. Designed for robust performance, this greenhouse features an upgraded galvanized steel frame, durable 140gPE fabric, and practical elements like zipper doors and multiple windows to create an optimal environment for plant growth.

The greenhouse is engineered to withstand various weather conditions, offering protection from UV rays, wind, and snow, while maintaining warmth and humidity for your plants.



Figure 1.1: Overview of the YITAHOME Walk-in Tunnel Greenhouse.

2. Safety Information

- **Adult Assembly Required:** Assembly of this large greenhouse requires at least two adults for safety and ease of installation.
- **Site Selection:** Choose a level, well-drained area for installation. Avoid locations prone to strong winds or water accumulation.
- **Secure Anchoring:** Always ensure the greenhouse is securely anchored to the ground using the provided ropes, ground pegs, and by placing heavy stones or sandbags on the extended bottom fabric. Failure to do so may result in structural damage or injury during high winds.
- **Weather Conditions:** In anticipation of severe weather (e.g., heavy snow, extreme winds), take additional precautions to secure the greenhouse or consider temporary disassembly if necessary.
- **Ventilation:** Ensure adequate ventilation, especially during hot periods, by utilizing the zipper doors and windows to prevent overheating of plants.
- **Sharp Edges:** Exercise caution during assembly as some metal components may have sharp edges. Wear appropriate protective gloves.

3. Components and Parts List

Before beginning assembly, verify that all components are present and undamaged. While a detailed part number list is not provided here, the main components include:

- **Galvanized Steel Frame:** Consists of various poles and connectors forming the arched structure.
- **140gPE Fabric Cover:** The main green polyethylene cover, designed for UV blocking, waterproofing, and snowproofing.
- **Zipper Doors:** Two large zippered entrances, one at each end.
- **Screen Windows:** Twelve double-screened windows (six on each side) for ventilation and insect protection.
- **Ropes and Ground Pegs:** For securing the greenhouse to the ground.
- **Crossbars:** Internal support bars, including seven crossbars for the roof structure and door fixing rods.

4. Setup and Assembly Instructions

Follow these steps carefully for proper assembly. It is highly recommended to have at least two people for this process.

1. **Site Preparation:** Select a flat, level area. For enhanced stability, it is advised to dig a shallow subgrade trench around the perimeter where the greenhouse base will sit.
2. **Frame Assembly:** Assemble the galvanized steel frame according to the included diagrams. Ensure all connections are secure. The upgraded galvanized frame provides superior support.
3. **Cover Installation:** Carefully drape the 140gPE fabric cover over the assembled frame. Ensure the cover is centered and aligned correctly with the frame structure.
4. **Securing the Base:** The bottom of the greenhouse cloth has an extension design. Place heavy stones or sandbags along this extension to weigh down the greenhouse and prevent lifting by wind.

5. **Anchoring with Ropes and Pegs:** Utilize the provided ropes and ground pegs to further secure the greenhouse. Attach ropes to designated points on the frame and anchor them firmly into the ground.
6. **Door and Window Setup:** Ensure the two zipper doors are functional and the door fixing rods are properly utilized to secure the doors against wind. The 12 double-screen windows can be rolled up and secured with safety buckles for ventilation.



Figure 4.1: Enhancing Greenhouse Stability.



Figure 4.2: Upgraded Galvanized Steel Frame.

5. Operating Instructions

- **Access:** The greenhouse features two zipper doors, allowing entry from either end. Use the zippers to open and close the doors.
- **Ventilation:** To regulate temperature and humidity, utilize the 12 double-screen windows. Roll up the window flaps and secure them with the safety buckles to allow air circulation while keeping pests out.
- **Temperature Control:** On sunny days, open doors and windows for cross-ventilation to prevent overheating. During colder periods, keep doors and windows closed to retain heat and humidity.
- **Plant Placement:** Arrange plants inside the greenhouse to optimize light exposure and air circulation.



Figure 5.1: Double Efficiently Windows and Zipper Door Details.



Figure 5.2: Two-Door Design for Flexible Access.

6. Maintenance

- **Regular Inspection:** Periodically inspect the frame for any signs of rust or damage. Check the integrity of the fabric cover for tears or wear.
- **Cleaning:** Clean the PE fabric cover with mild soap and water as needed to remove dirt and debris, ensuring maximum light penetration. Avoid harsh chemicals that could damage the material.
- **Zipper Care:** Keep zippers clean and lubricated to ensure smooth operation. Avoid forcing stuck zippers.
- **Anchoring Check:** Regularly verify that the ropes, ground pegs, and heavy stones are securely in place, especially after strong winds or heavy rainfall.
- **Snow Removal:** In areas with heavy snowfall, gently remove accumulated snow from the roof to prevent excessive weight and potential collapse.



Figure 6.1: Greenhouse Performance in Different Weather Conditions.



Figure 6.2: Heavy Duty 140GPE Fabric Features.

7. Troubleshooting

Problem	Possible Cause	Solution
Greenhouse unstable/moves in wind	Insufficient anchoring; uneven ground.	Ensure all ropes are taut and ground pegs are fully inserted. Place heavy stones/sandbags on the extended fabric. Verify ground is level.
Zipper stuck or misaligned	Dirt/debris in zipper; fabric caught.	Clean zipper teeth. Gently pull fabric away from zipper path. Apply a silicone-based lubricant if needed.
Water pooling on roof	Improper cover tension; structural sag.	Ensure cover is pulled taut and evenly distributed over the frame. Check frame connections for looseness.

Problem	Possible Cause	Solution
Excessive heat inside	Insufficient ventilation.	Open all zipper doors and roll up all 12 screen windows to maximize airflow.

8. Specifications

Feature	Detail
Brand	YITAHOME
Model Dimensions (Approx.)	30 ft (Length) x 10 ft (Width) x 6.5 ft (Height)
Color	Green
Material	Polyethylene (PE) Fabric, Alloy Steel (Galvanized)
Fabric Weight	140gPE
Doors	2 Zipper Doors
Windows	12 Double Screen Windows
Frame Type	Upgraded Galvanized Steel



Figure 8.1: Greenhouse Dimensions and Securing Details.

9. Warranty and Support

For specific warranty information regarding your YITAHOME Greenhouse, please refer to the documentation included with your purchase or contact YITAHOME customer support directly. Warranty terms typically cover manufacturing defects.

If you encounter any issues or require assistance with your product, please reach out to YITAHOME customer service through their official website or the contact information provided at the time of purchase. When contacting support, please have your product model number (30x10x6.5ft Greenhouse) and purchase details readily available.

YITAHOME Customer Support: Visit the YITAHOME Store on Amazon

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