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## HFT ha47712

# HFT 8 FT. x 6 FT. GREENHOUSE User Manual

Model: ha47712

## INTRODUCTION

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This manual provides essential information for the assembly, operation, maintenance, and troubleshooting of your HFT 8 FT. x 6 FT. Greenhouse. Please read this manual thoroughly before beginning assembly or operation to ensure safe and efficient use of the product.

The HFT 8 FT. x 6 FT. Greenhouse is designed for casual gardeners and flower enthusiasts, offering a protected environment for plants. It features a durable, all-weather aluminum frame and a sliding door for convenient access.

## IMPORTANT SAFETY INFORMATION

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For your safety and to prevent damage to the product, observe the following precautions:

- Always use appropriate safety gear when handling sharp edges and heavy components during assembly and maintenance.
- Ensure the greenhouse is properly anchored to prevent tipping, especially in windy conditions.
- Avoid prolonged exposure to UV-coated panels to minimize skin irritation.
- Always follow assembly instructions carefully to prevent injury and ensure structural integrity.

## SETUP AND ASSEMBLY

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Assembly of the HFT 8 FT. x 6 FT. Greenhouse requires careful attention to detail. It is recommended to have at least two people for assembly due to the size and weight of components.

### Pre-Assembly Checklist:

- Verify all parts are present according to the packing list.
- Ensure you have the necessary tools: a wrench (included), and potentially a 10mm ratchet for easier tightening.
- Choose a level and stable location for the greenhouse, away from overhead obstructions.

### Assembly Steps:

1. **Base Construction:** Assemble the base frame first. The base dimensions are approximately 74 inches. Ensure the

base plates meet at the inner corners and do not overlap.

2. **Frame Erection:** Attach the vertical and horizontal frame components. Pay close attention to the orientation of each piece.
3. **Panel Installation:** Carefully slide the UV-coated polycarbonate panels into the frame channels. Use the provided panel clips. For enhanced stability and weather resistance, consider applying clear silicone caulk around the panels from the outside after they are in place.
4. **Door and Vent Installation:** Install the sliding door and the roof vent according to the diagrams.
5. **Anchoring:** Securely anchor the greenhouse to the ground using appropriate methods for your chosen location to prevent movement or tipping in high winds.

*Note:* Some users have found that supplementing the panel clips with clear silicone caulk significantly improves the greenhouse's structural integrity and weather sealing. The small wrenches included are crucial for tightening bolts in tight spaces.



Figure 1: Fully assembled HFT 8 FT. x 6 FT. Greenhouse, showcasing its aluminum frame and polycarbonate panels. A person is shown inside, demonstrating the spacious interior.

## OPERATING INSTRUCTIONS

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### Access and Ventilation:

- **Sliding Door:** The greenhouse features a sliding door for easy entry and exit. Ensure the track is clear of debris for smooth operation.
- **Roof Vent:** The roof vent allows for climate control and air circulation. Open the vent to release excess heat and humidity, and close it to retain warmth.

### Environmental Control:

- **Sunlight Diffusion:** The UV-coated polycarbonate panels are designed to diffuse sunlight, protecting plants from direct harsh rays while allowing beneficial light to pass through.
- **Temperature Management:** Monitor the internal temperature. On hot days, ensure adequate ventilation by opening the door and roof vent. During colder periods, close all openings to retain heat. Supplemental heating may be required in extreme cold.

## MAINTENANCE

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Regular maintenance will extend the lifespan and performance of your greenhouse.

- **Cleaning:** Periodically clean the polycarbonate panels with mild soap and water to remove dirt and algae buildup, which can reduce light transmission. Avoid abrasive cleaners.
- **Frame Inspection:** Inspect the aluminum frame for any signs of corrosion or damage. Tighten any loose bolts or fasteners.
- **Panel Integrity:** Check panels for cracks or dislodgement, especially after strong winds. Re-secure or replace damaged panels as needed.
- **Door and Vent Tracks:** Keep the sliding door and roof vent tracks clean and free of debris to ensure smooth operation. Lubricate if necessary.
- **Anchoring System:** Regularly check the anchoring system to ensure the greenhouse remains securely fastened to the ground.



Figure 2: Exterior view of the HFT 8 FT. x 6 FT. Greenhouse, highlighting the roof vent and the design of the sliding door.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Panels blow out in wind	Insufficient panel securing; inadequate anchoring.	Ensure all panel clips are properly installed. Consider using clear silicone caulk to seal panels. Verify greenhouse is securely anchored to the ground.
Sliding door sticks or is difficult to open/close	Debris in track; misaligned track; damaged rollers.	Clean the door track thoroughly. Check for proper alignment of the track and door frame. Inspect rollers for damage.
Water leaks into greenhouse	Improperly sealed panels; gaps in frame.	Apply clear silicone caulk around all panel edges and frame joints where water ingress is observed.

Problem	Possible Cause	Solution
Greenhouse feels unstable	Loose fasteners; insufficient anchoring.	Tighten all bolts and fasteners. Re-evaluate and reinforce the anchoring system.

## SPECIFICATIONS

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Feature	Detail
Product Dimensions	96"L x 72"W x 72"H (8 FT. x 6 FT.)
Item Weight	750 pounds (Note: This weight seems unusually high for a greenhouse of this size and material. Please verify actual weight upon receipt.)
Frame Material	Durable, all-weather Aluminum
Cover Material	UV-coated Polycarbonate (PC) panels
Number of Doors	1 (Sliding Door)
Number of Vents	1 (Roof Vent)
Color	White
Model Number	ha47712

## WARRANTY AND SUPPORT

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For information regarding product warranty, returns, or technical support, please refer to the documentation provided at the point of purchase or contact the retailer directly. Specific warranty terms may vary.

For general inquiries or assistance, please contact HFT customer service through their official channels.

