## VANPET 6 Nozzle ATV Sprayer Boom Kit

# VANPET 6 Nozzle ATV Sprayer Boom Wand Kit Instruction Manual

Model: 6 Nozzle ATV Sprayer Boom Kit

## 1. Introduction

This manual provides instructions for the assembly, operation, maintenance, and troubleshooting of your VANPET 6 Nozzle ATV Sprayer Boom Wand Kit. Please read this manual thoroughly before use to ensure safe and efficient operation.

The VANPET 6 Nozzle ATV Sprayer Boom Wand Kit is designed to provide wide spray coverage for ATV and UTV sprayers, suitable for row crops, pastures, and large-area farm operations. It features a folding design for easy transport and storage, and individual nozzle controls for precise application.

## 2. Safety Information

**WARNING: Always wear appropriate personal protective equipment (PPE) including eye protection, gloves, and protective clothing when handling chemicals and operating the sprayer.**

- Read and understand all chemical labels before mixing or spraying.
- Ensure all connections are secure before operating to prevent leaks.
- Do not operate the sprayer near open flames or ignition sources.
- Keep children and pets away from the spraying area.
- Always clean the sprayer thoroughly after each use to prevent chemical residue buildup.
- Do not exceed the maximum pressure rating of 853 PSI (60 kg/cm²).

## 3. Package Contents

Verify that all components are present and undamaged before assembly.

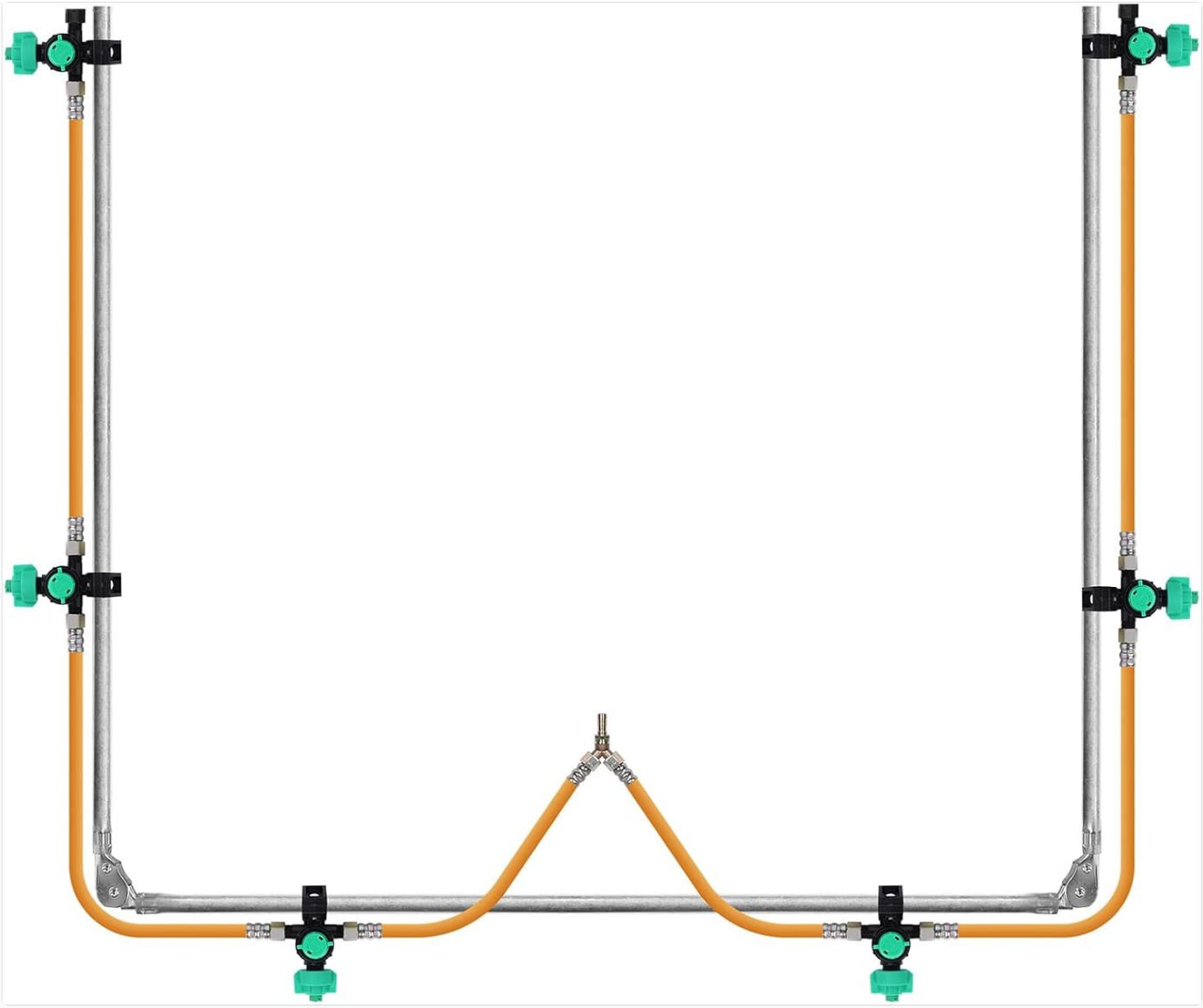


Image: All components of the VANPET 6 Nozzle ATV Sprayer Boom Wand Kit, including the main boom frame, six nozzles, hoses, and connectors.

- Main Boom Frame (folding steel frame)
- 6 Nozzles with individual shut-offs
- High-Pressure Reinforced Hoses
- Connectors and Fittings (including washers)
- Y-connector (for main hose connection)

## 4. Setup and Assembly

Follow these steps to assemble your sprayer boom kit.

### 4.1 Unfolding the Boom Frame

The boom frame is designed to fold for compact storage. Carefully unfold the frame until it is fully extended. The hinged brackets allow for 180-degree deployment.




Image: Close-up of the adjustable hinged bracket, illustrating its ability to lock at various angles from 0° to 180° for deployment or storage.

### 4.2 Attaching Nozzles and Hoses

1. Attach each of the six nozzles to the designated points on the boom frame. Ensure they are securely fastened.
2. Connect the reinforced hoses between the nozzles and the main water supply line.
3. **Important:** For a secure, high-pressure seal, ensure a washer is present at every connection point.

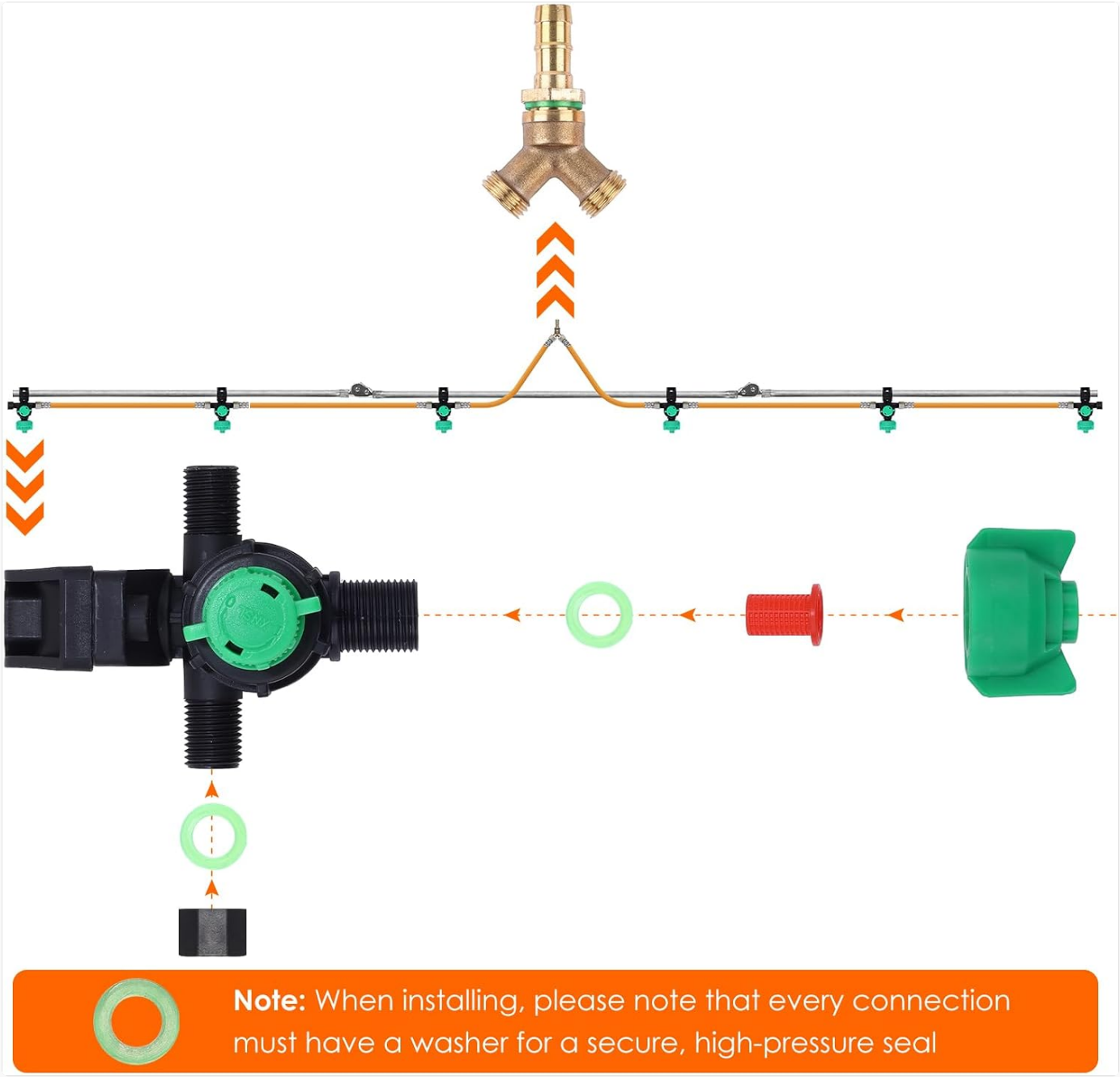



Image: Exploded view diagram of a nozzle assembly, highlighting the critical placement of a washer for a secure, high-pressure seal at each connection.




Image: Detailed view of a nozzle, showing the fan spray tip and the individual shut-off valve for precise control.

### 4.3 Connecting to ATV/UTV Sprayer

Connect the assembled boom kit to your ATV or UTV sprayer equipment. Ensure the main hose connection is tight and free of leaks. The Y-connector facilitates the main hose connection.




Image: An ATV equipped with the VANPET 6 Nozzle Sprayer Boom Kit, actively spraying a wide area, demonstrating its operational setup.

## 5. Operating Instructions

### 5.1 Pre-Operation Checklist

- Ensure all connections are secure and leak-free.
- Verify the spray tank contains the desired liquid and is properly mixed.
- Check that the boom is securely mounted to the ATV/UTV.

### 5.2 Spraying

1. Turn on your ATV/UTV sprayer pump.
2. Adjust the individual nozzle controls to achieve the desired spray pattern and flow rate. Each nozzle has an on/off

switch and adjustable flow.

3. Begin spraying at a consistent speed to ensure even coverage. The boom provides a wide 122-inch (over 10 feet) spray coverage.
4. Monitor spray patterns and adjust as needed for different crops or terrains.

### 5.3 Post-Operation

After spraying, turn off the sprayer pump and relieve any pressure in the system before disconnecting.

## 6. Maintenance

### 6.1 Cleaning

- Thoroughly rinse the entire boom kit, including nozzles and hoses, with clean water after each use.
- Remove and clean nozzles if they become clogged. Use a soft brush and water; avoid abrasive tools.

### 6.2 Storage

- Drain all liquid from the boom kit before storing.
- Fold the boom frame for compact storage.
- Store the kit in a dry, protected area, away from direct sunlight and extreme temperatures.
- Inspect hoses and connections periodically for wear or damage. Replace any worn components.

## 7. Troubleshooting

| Problem | Possible Cause | Solution |
|---|---|---|
| No spray or low pressure | Clogged nozzle; pump not operating; kinked hose; loose connection. | Clean nozzles; check pump power and operation; straighten hoses; tighten all connections. |
| Leaking connections | Loose fittings; missing or damaged washers; damaged hose. | Tighten fittings; ensure washers are present and undamaged; replace damaged hoses. |
| Uneven spray pattern | Partially clogged nozzle; incorrect nozzle adjustment. | Clean affected nozzle; adjust individual nozzle controls for desired pattern. |

## 8. Specifications

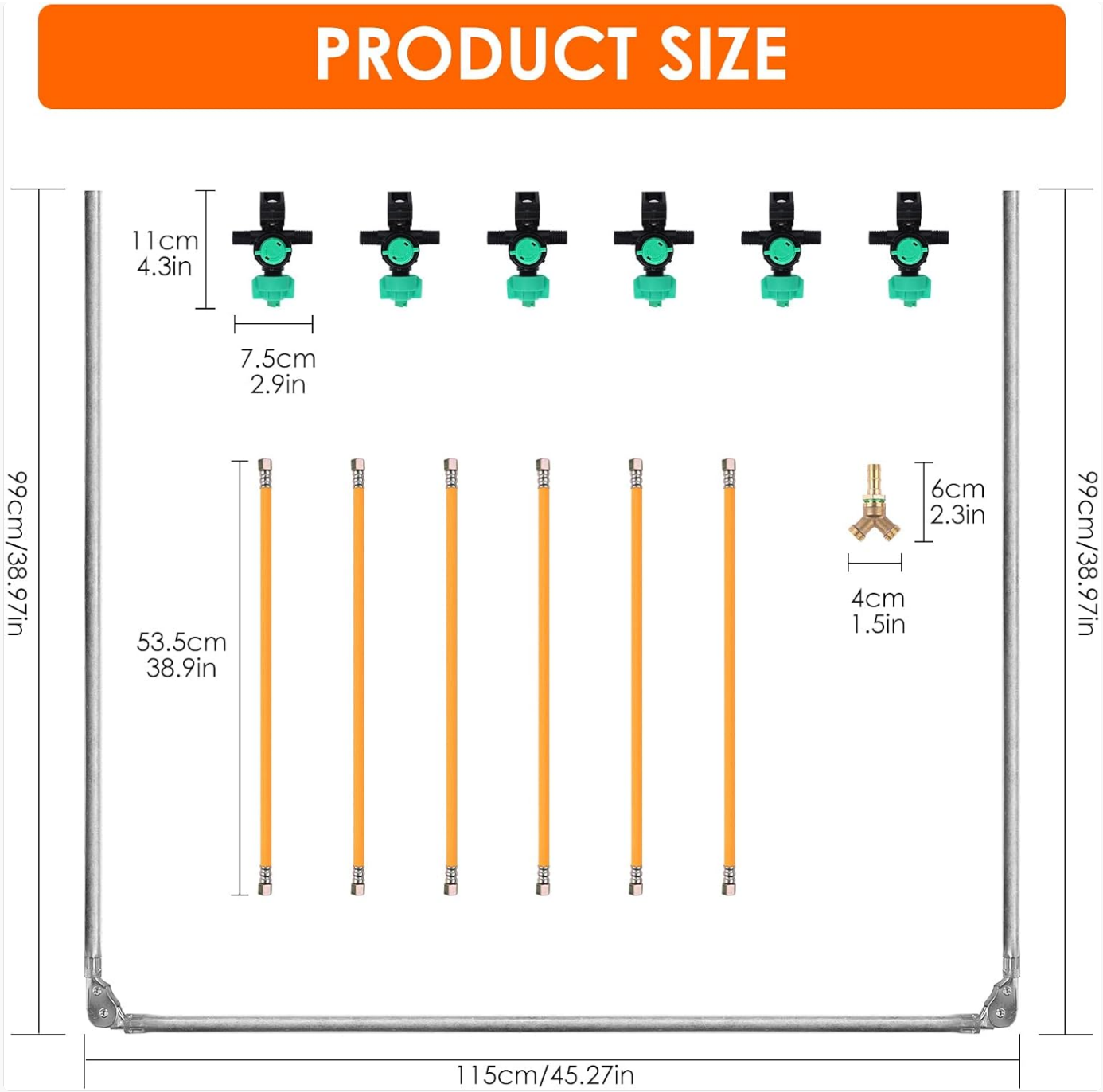



Image: Diagram illustrating the key dimensions of the sprayer boom kit, including overall length and height.

**Model:** 6 Nozzle ATV Sprayer Boom Kit

**Brand:** VANPET

**Spray Coverage:** 122 inches (approx. 10.17 feet)

**Nozzles:** 6, with individual controls and fan spray tips

**Frame Material:** Stainless Steel (folding design)

**Maximum Working Pressure:** 853 PSI (60 kg/cm²)

**Temperature Tolerance:** -5°C to 65°C (23°F to 149°F)

**Product Dimensions (L x W x H):** 122 x 2 x 2 inches (unfolded)

**Item Weight:** 6.39 pounds

**UPC:** 768795469944




Image: Visual representation of the high-pressure reinforced hose, detailing its working pressure of 853 PSI (60 kg/cm²) and temperature range of -5°C to 65°C (23°F to 149°F).

## 9. Warranty and Support

For warranty information or technical support, please refer to the product packaging or contact VANPET customer service directly. Keep your purchase receipt for warranty claims.

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**Question**

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**Details**

Model number, symptoms, what you tried, or the section of the manual you are using.

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