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VANPET Replacement Sprayer Wand

VANPET 36-Inch 2-Nozzle Boom Wand Instruction Manual

Model: Replacement Sprayer Wand

Introduction

This manual provides essential information for the proper setup, operation, and maintenance of your VANPET 36-Inch 2-Nozzle Boom Wand. Please read this manual thoroughly before use to ensure safe and efficient operation.
The VANPET 36-inch (3-foot) 2-nozzle boom wand is designed for efficient and even coverage, ideal for integration with tractor or ATV-mounted spray systems. Its robust poly construction ensures durability and resistance to rust.

Product Overview



Figure 1: Assembled VANPET 36-Inch 2-Nozzle Boom Wand. This image displays the full length of the boom wand with its central connection point and two end nozzles.

The VANPET 36-Inch 2-Nozzle Boom Wand is a specialized accessory for agricultural and lawn care spraying applications. It features two spray nozzles positioned at the ends of a 36-inch boom, designed to provide wide and uniform coverage.

Key Features:

- **36-Inch (3-Foot) Length:** Provides broad coverage for efficient spraying.
- **2-Nozzle Design:** Ensures even spray distribution across the coverage area.
- **Direct 3/8" Hose Connection:** Features a built-in 3/8" brass barbed fitting for easy connection to standard hoses.
- **Superior Durability:** Constructed from high-quality poly materials, making it rust-proof and lightweight for heavy-duty use.

Components and Accessories



Figure 2: Exploded view of the VANPET 36-Inch 2-Nozzle Boom Wand components. This image shows the central brass barbed fitting, two boom arms, two elbow nozzle connectors, and a sealing O-ring.

Before assembly, ensure all components are present and undamaged. The package typically includes:

- Central T-connector with 3/8" brass barbed fitting (1)
- Boom arms (2)
- Elbow nozzle connectors with integrated nozzles (2)
- Sealing O-ring (1)



Figure 3: Detailed view of the nozzle assembly. This image illustrates the internal components of the nozzle, including the filter screen and nozzle cap, and shows two assembled elbow nozzle connectors.

Each nozzle assembly consists of an elbow connector, a filter screen, and a nozzle cap. These components are designed for easy maintenance and replacement.

Setup and Assembly

The VANPET 36-Inch 2-Nozzle Boom Wand is designed for easy assembly. Follow these steps:

1. **Attach Boom Arms:** Screw each boom arm securely into the threaded outlets on either side of the central T-connector. Ensure they are hand-tight to prevent leaks.
2. **Install Elbow Nozzle Connectors:** Screw an elbow nozzle connector onto the end of each boom arm. Make sure the integrated nozzles are facing the desired spray direction (typically downwards).
3. **Connect Hose:** Attach your standard 3/8" water hose to the brass barbed fitting on the central T-connector. Secure with a hose clamp if necessary to prevent disconnections under pressure.
4. **Mounting:** Securely mount the assembled boom wand to your tractor or ATV spray system. Ensure it is stable and

positioned to provide optimal spray coverage. Consider the 36-inch width for proper placement.



Figure 4: Product dimensions. This image shows the overall length of the assembled boom wand is 36 inches.

Operating Instructions

Once the boom wand is assembled and connected to your spray system, follow these guidelines for operation:

1. **Fill Sprayer Tank:** Ensure your tractor or ATV sprayer tank is filled with the desired liquid (e.g., herbicide, fertilizer, water).
2. **Check Connections:** Double-check all hose connections and fittings for tightness to prevent leaks.
3. **Start Pump:** Activate your sprayer's pump to begin flow to the boom wand.
4. **Monitor Spray Pattern:** Observe the spray pattern from both nozzles. The 2-nozzle design is intended for even coverage. Adjust vehicle speed or spray pressure as needed to achieve optimal distribution.
5. **Coverage Area:** The 36-inch width provides a significant coverage area per pass, reducing the number of passes required for large areas.



Figure 5: The boom wand attached to a tractor-mounted spray system during operation. This image demonstrates the boom wand's application in a field, showing the spray pattern from the nozzles.

Maintenance

Regular maintenance will extend the life of your VANPET Boom Wand and ensure consistent performance.

- **Rinse After Use:** After each use, thoroughly rinse the boom wand with clean water to remove any chemical residues. This prevents clogging and corrosion.
- **Check Nozzles:** Periodically inspect the nozzles for clogs or damage. If a nozzle is clogged, carefully remove it and clean it. Refer to Figure 3 for nozzle assembly details.
- **Inspect Hoses and Fittings:** Regularly check the 3/8" hose connection and other fittings for wear, cracks, or leaks. Replace any damaged components immediately.
- **Storage:** Store the boom wand in a clean, dry place, away from direct sunlight and extreme temperatures.

Troubleshooting

Problem	Possible Cause	Solution
Uneven spray pattern or reduced flow	Clogged nozzle(s) or filter screen	Remove and clean nozzles and internal filter screens. Ensure no debris is obstructing flow.
Leaks at connections	Loose fittings or damaged O-rings/threads	Tighten all connections. Inspect O-rings and threads for damage and replace if necessary. Ensure hose clamp is secure on the 3/8" connection.
No spray or very low pressure	Pump issue, hose kink, or severe clog	Check your sprayer's pump for proper operation. Inspect the hose for kinks. Thoroughly clean the entire boom wand for severe clogs.

Specifications

Model Number	Replacement Sprayer Wand
Brand	VANPET
Length	36 inches (3 feet)
Number of Nozzles	2
Hose Connection	3/8" Brass Barbed Fitting
Material	High-Quality Poly (Plastic)
Item Weight	5.3 ounces
ASIN	B0F8PYV26R
UPC	768825742207

Warranty and Support

Specific warranty details for the VANPET 36-Inch 2-Nozzle Boom Wand are typically provided at the point of purchase or on the product packaging. Please retain your proof of purchase for any warranty claims.
For technical support, replacement parts, or further inquiries, please contact VANPET customer service through the retailer where the product was purchased or visit the official VANPET brand store online.
Note: As of the date of this manual, detailed warranty terms are not publicly available. Please refer to your purchase documentation.

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