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> SOLO 211-HD Industrial Tank Sprayer 1-Gallon User Manual

SOLO 211-HD

SOLO 211-HD Industrial Tank Sprayer 1-Gallon User Manual

Model: 211-HD

IMPORTANT SAFETY INFORMATION

Warning: Compressed Air! Always use the pressure relief valve to release pressure in the tank before attempting to open or service the sprayer. **DO NOT** remove the pump assembly with pressure in the tank. Failure to do so can result in **SERIOUS INJURY**. Refer to the operator's manual for complete details. Do not spray flammable materials. Always wear appropriate eye protection when operating the sprayer.

PRODUCT OVERVIEW

The SOLO 211-HD Industrial Tank Sprayer is a 1-gallon capacity sprayer designed for various applications including industrial use, pest control, bleach solutions, cleaning, and disinfecting. It features a high-density polyethylene (HDPE) tank for durability and chemical resistance.





Solo[®]
Industrial



Image: The SOLO 211-HD Industrial Tank Sprayer, a 1-gallon capacity unit with a black pump handle and wand, and a white tank.

Key Features:

- High-density Polyethylene (HDPE) tank resists cracking and corrosion.
- Innovative design with an easy-to-fill funnel top and a large pump handle featuring a built-in wand retainer.
- High-performance piston pump boosts tank pressurization efficiency by up to 50% compared to competitors.
- Equipped with durable, chemical-resistant Viton seals and an automatic pressure relief valve for safety.
- Includes a 48-inch PVC hose for extended reach, a 24-inch poly wand with a professional shut-off valve, and a no-drip check valve to prevent nozzle drip.

SETUP AND ASSEMBLY

1. **Unpack Components:** Carefully remove all parts from the packaging. Ensure all components listed in the product manual are present.
2. **Attach Hose and Wand:** Connect the 48-inch PVC hose to the sprayer tank outlet and the 24-inch poly wand to the other end of the hose. Ensure all connections are secure to prevent leaks.
3. **Prepare Solution:** Unscrew the pump assembly from the tank. Fill the tank with the desired liquid solution, ensuring not to exceed the 1-gallon capacity mark. The funnel top design aids in easy filling.
4. **Secure Pump Assembly:** Reinsert the pump assembly into the tank and screw it down tightly to create an airtight seal.

OPERATING INSTRUCTIONS

1. **Pressurize the Tank:** Hold the sprayer firmly and pump the large handle up and down repeatedly. Continue pumping until resistance is felt and the tank is sufficiently pressurized. The high-performance piston pump is designed for efficient pressurization.
2. **Adjust Nozzle:** The nozzle on the poly wand can be adjusted to change the spray pattern from a fine mist to a solid stream. Turn the nozzle tip to achieve the desired spray.
3. **Begin Spraying:** Aim the wand at the target area. Squeeze the professional shut-off valve handle on the wand to begin spraying. Release the handle to stop spraying. The no-drip check valve prevents unwanted drips.
4. **Maintain Pressure:** If the spray pressure decreases during use, pump the handle a few more times to re-pressurize the tank.
5. **Release Pressure After Use:** After each use, or before opening the tank, **ALWAYS** activate the automatic pressure relief valve to safely release all internal pressure. This is a critical safety step.



Image: The SOLO 211-HD Sprayer positioned in a room with visible mold on the ceiling, demonstrating its use for cleaning or treatment applications.



Image: The SOLO 211-HD Sprayer placed in a commercial restroom, illustrating its suitability for disinfecting and cleaning tasks in public or industrial environments.

MAINTENANCE

1. **Clean After Each Use:** After each use, especially when using chemicals, thoroughly rinse the tank, pump, hose, and wand with clean water. Pump clean water through the nozzle to flush out any residue.
2. **Inspect Seals:** Regularly inspect the Viton seals for any signs of wear, cracking, or damage. Replace worn seals to maintain proper pressure and prevent leaks.
3. **Lubricate Moving Parts:** Periodically apply a silicone-based lubricant to the pump piston and O-rings to ensure smooth operation and extend their lifespan.
4. **Storage:** Store the sprayer in a clean, dry, and frost-free area. Release all pressure from the tank before storage. Avoid storing in direct sunlight or extreme temperatures.

TROUBLESHOOTING

- **No Pressure or Low Pressure:**

- Ensure the pump assembly is screwed on tightly.
- Check for leaks around the tank, hose, or wand connections. Tighten if loose.
- Inspect the pump piston and seals for wear or damage. Replace if necessary.
- Verify the pressure relief valve is fully closed.

- **Leaking from Nozzle:**

- Check the nozzle for blockages or damage. Clean or replace if needed.
- Ensure the shut-off valve is fully closed.
- Inspect the no-drip check valve for proper function.

- **Uneven Spray Pattern:**

- Clean the nozzle tip to remove any obstructions.
- Adjust the nozzle to achieve the desired spray pattern.

SPECIFICATIONS

Feature	Detail
Brand	SOLO
Model Name	211-HD
Tank Volume	1 Gallon
Material	High-density Polyethylene (HDPE) Plastic
Color	White
Hose Length	48 Inches
Wand Length	24 Inches (Poly Wand)
Power Source	Hand Powered
Maximum Pressure	45 PSI (Pound per Square Inch)
Item Weight	3 Pounds
Item Dimensions (W x H)	7.75"W x 17.5"H
Included Components	Nozzle, PVC Hose
UPC	720343211023

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the official SOLO website or contact their customer service department. Keep your purchase receipt as proof of purchase.

[Visit the SOLO Store on Amazon](#) for more products and information.

