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Bradas 29566

BRADAS ACQUA SPRAY AS1600 Backpack Sprayer

Model: AS1600 (29566) | Brand: Bradas

INTRODUCTION

The BRADAS ACQUA SPRAY AS1600 is a versatile 16-liter backpack sprayer designed for various applications in your garden and around your home. It is ideal for spraying water, detergents, fertilizers, herbicides, and pesticides. Its ergonomic design and durable construction ensure comfortable and effective use for a wide range of tasks.

SAFETY INFORMATION

Please read and understand all safety warnings before operating the sprayer. Failure to follow these instructions may result in injury or damage to the product.

- Keep away from children during use and storage.
- Wear protective clothing, such as gloves and glasses, during use to prevent exposure to chemicals.
- Ensure the pressure tap is closed when not in use and gradually release pressure before opening the tap.
- Do not point or spray the device towards yourself or other people.
- Handle with care to avoid injuries from falling or impacts.
- Store in a cool, dry place, away from heat sources or open flames.
- Carefully read and follow the product maintenance and care instructions to ensure safe and long-lasting operation.

PRODUCT OVERVIEW

The BRADAS ACQUA SPRAY AS1600 features a high-density PE tank, a lever handle, an adjustable jet lance, and an ergonomic design for comfortable carrying. The translucent tank with a graduated scale allows for easy monitoring of fluid levels.



Figure 1: Image of the BRADAS ACQUA SPRAY AS1600 backpack sprayer, showing its white tank, green cap, black straps, and the attached spray wand.



Figure 2: Image of the BRADAS ACQUA SPRAY AS1600 product box, displaying the brand logo, product name, and illustrations of its uses.



Figure 3: Image of the BRADAS ACQUA SPRAY AS1600 backpack sprayer placed on green grass next to a tree, demonstrating its outdoor use.

SETUP

Follow these steps to prepare your sprayer for first use:

1. **Unpack Components:** Carefully remove all parts from the packaging. Verify that all included components (main body, lance, hose, straps, etc.) are present as listed in the "Included Components" section.
2. **Attach Hose:** Connect the flexible hose to the sprayer tank outlet and to the lance handle. Ensure connections are secure to prevent leaks.
3. **Assemble Lance:** Attach the spray nozzle to the end of the lance. The nozzle can be adjusted for different spray patterns.
4. **Attach Straps:** Securely attach the adjustable shoulder straps to the designated points on the sprayer tank. Adjust the straps for comfortable carrying on your back.
5. **Initial Inspection:** Before filling, perform a visual inspection for any damage or loose parts.

OPERATING INSTRUCTIONS

Proper operation ensures efficient and safe use of your sprayer:

1. **Prepare Solution:** Open the wide funnel cap and pour your desired liquid (water, detergent, fertilizer, herbicide, or pesticide) into the tank. Do not exceed the maximum fill line. Use the graduated scale for accurate measurement.
2. **Secure Cap:** Tightly close the funnel cap to ensure an airtight seal.

3. **Pressurize Tank:** Use the lever handle to pump the sprayer. Continue pumping until sufficient pressure is built up. The pressure valve ensures safe operation.
4. **Adjust Spray:** Point the lance away from yourself and others. Adjust the nozzle at the end of the lance to achieve the desired spray pattern (e.g., fine mist, stream).
5. **Begin Spraying:** Press the trigger on the lance handle to begin spraying. The trigger can be locked for continuous spraying.
6. **Release Pressure:** After use, or before opening the tank, ensure to release any remaining pressure by activating the pressure release valve or by spraying until the pressure dissipates.

MAINTENANCE

Regular maintenance will extend the life of your sprayer:

- **Cleaning After Use:** After each use, especially when spraying chemicals, thoroughly rinse the tank, hose, and lance with clean water. Pump clean water through the system to flush out any residue.
- **Nozzle Cleaning:** If the nozzle becomes clogged, remove it and clean it with water. Do not use metal objects that could damage the nozzle.
- **Storage:** Store the sprayer in a cool, dry place, away from direct sunlight and freezing temperatures. Ensure the tank is empty and clean before storage.
- **Seal and Gasket Inspection:** Periodically inspect all seals and gaskets for wear or damage. Replace them if necessary to maintain proper pressure and prevent leaks.
- **Lubrication:** Occasionally lubricate the pump piston and other moving parts with silicone grease to ensure smooth operation.

TROUBLESHOOTING

Refer to this table for common issues and their solutions:

Problem	Possible Cause	Solution
No pressure or low pressure	Loose cap; Worn seals/gaskets; Clogged nozzle; Insufficient pumping.	Tighten cap; Inspect and replace seals/gaskets; Clean nozzle; Pump more vigorously.
Leaking from connections	Loose connections; Damaged O-rings/washers.	Tighten connections; Replace damaged O-rings/washers.
Uneven spray pattern	Partially clogged nozzle; Incorrect nozzle adjustment.	Clean nozzle thoroughly; Adjust nozzle for desired pattern.
Pump handle stiff or difficult to operate	Dry piston seal; Debris in pump mechanism.	Lubricate piston seal with silicone grease; Clean pump mechanism.

SPECIFICATIONS

Feature	Detail
Brand	Bradas
Manufacturer	Bradas
Product Dimensions	18 x 44 x 57 cm
Item Model Number	29566
Number of Items	1
Style	Ergonomic
Color	Green
Material	Polyethylene (PE)
Included Components	Main body plus accessories
Power Source Type	Manual operation
Batteries Required?	No
Item Weight	3.7 Kilograms (3700 Grams)
Recommended Uses	Garden
First Available Date	May 16, 2018

WARRANTY AND SUPPORT

Bradas products are manufactured with high-quality materials to ensure durability and proper functioning. For specific warranty information or technical support, please refer to the documentation included with your purchase or contact Bradas customer service directly. Contact details can typically be found on the manufacturer's official website or on the product packaging.

For further assistance, please visit the official Bradas website or contact their customer support line.

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This manual is for informational purposes only. Product specifications are subject to change without notice.