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› Chemical Guys ACC503 Mr. Sprayer Full Function Pressure Atomizer & Pump Sprayer User Manual

## Chemical Guys ACC503

# Chemical Guys ACC503 Mr. Sprayer User Manual

Full Function Pressure Atomizer & Pump Sprayer

## 1. INTRODUCTION

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This manual provides instructions for the safe and effective use of the Chemical Guys ACC503 Mr. Sprayer. This device is designed for applying detailing liquids, waterless washes, and other non-corrosive cleaning solutions without the need for external water hoses, buckets, or power cords.

Please read this manual thoroughly before operating the product and retain it for future reference.

## 2. SAFETY INFORMATION

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**Important:** Always follow these safety guidelines to prevent injury or damage to the product.

- Do not use the Mr. Sprayer with degreasers or acidic products. These chemicals can damage the internal seals and components of the sprayer.
- Use only with non-corrosive detailing chemicals, such as quick detail sprays, waterless washes, and window cleaners.
- Always wear appropriate personal protective equipment (PPE) such as gloves and eye protection when handling chemicals and operating the sprayer.
- Keep out of reach of children and pets.
- Do not point the nozzle at people or animals.
- Ensure the cap is securely tightened before pressurizing the sprayer.
- Store the sprayer in a cool, dry place away from direct sunlight and extreme temperatures.

## 3. PRODUCT COMPONENTS

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The Chemical Guys ACC503 Mr. Sprayer consists of the following main parts:

- **Pump Handle/Knob:** Large, easy-to-grasp knob for quick and effortless pumping to build pressure.
- **Trigger with Locking Feature:** Allows for continuous spray without holding the trigger.
- **Adjustable Nozzle:** Provides control over spray pattern, from fine mist to jet stream.

- **Comfortable Grip Handle:** For optimal control during operation.
- **Heavy-Duty 50 oz Bottle:** UV resistant plastic bottle with pre-labeled measuring marks.
- **O-Ring Gasket:** Ensures an airtight seal for high-pressure operation.



**Ideal to use with**  
**EcoSmart**  
 \*\*\*  
**WATERLESS**  
**WASH & WAX**

**for a full**  
**waterless wash**

**Image Description:** A diagram illustrating the labeled components of the Chemical Guys Mr. Sprayer. Key components include the pump handle, trigger, adjustable nozzle, and the 50 oz bottle.

1. Large, easy to grasp knob for quick and effortless pumping
2. O-Ring gasket creates airtight seal for high pressure detailing
3. Locking trigger for an endless stream of product
4. Fully adjustable nozzle ranges from fine mist to jet stream
5. Comfortable grip handle for optimal control while working
6. Removable nozzle for easy cleaning
7. Heavy-duty 50oz UV resistant plastic bottle

## 4. SETUP

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1. **Unpack:** Carefully remove all components from the packaging.
2. **Fill the Bottle:** Unscrew the pump assembly from the 50 oz bottle. Fill the bottle with your desired non-corrosive detailing liquid. Use the pre-labeled measuring marks on the side for accurate dilution if necessary. Do not overfill.
3. **Secure Pump Assembly:** Screw the pump assembly back onto the bottle, ensuring it is tightly sealed to prevent leaks and allow for proper pressurization.

# Chemical Guys

We're as passionate about sharing our **detailing know-how** as we are about making **innovative car care** products.

Whether you're a beginner, an enthusiast, or somewhere in between, we've got the **tools, knowledge, and community** to help your ride achieve its best shine—with solutions for just about any car care question and a library of online tutorials to help you every step of the way.

At Chemical Guys, we believe in car care products that make the journey as awesome as the results!

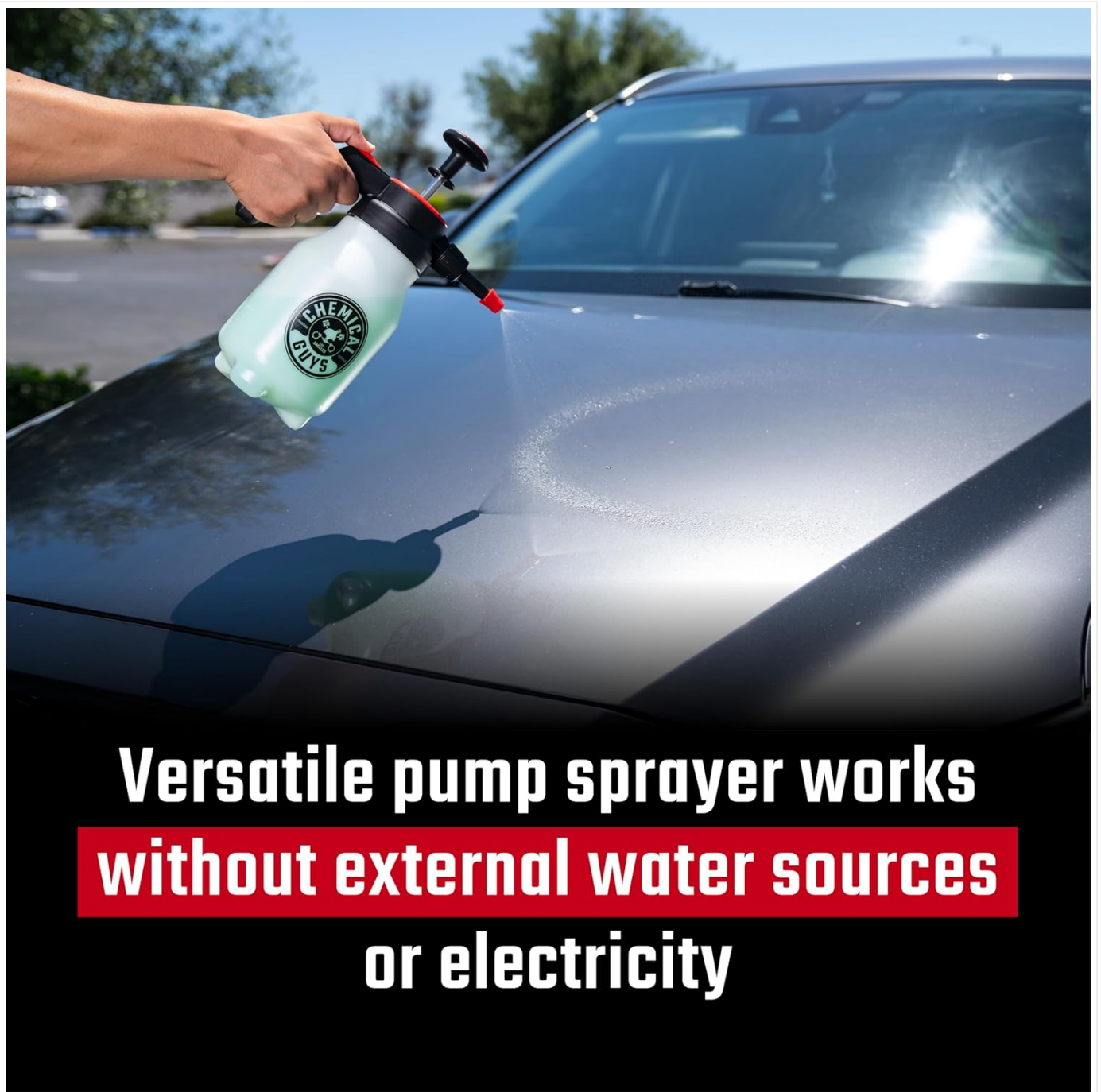


**Image Description:** A person is shown pouring a green liquid, labeled "EcoSmart Waterless Wash & Wax", into the clear 50 oz bottle of the Chemical Guys Mr. Sprayer. This demonstrates the filling process for the sprayer.

## 5. OPERATING INSTRUCTIONS

1. **Pressurize the Sprayer:** With the bottle filled and the pump assembly securely attached, pump the handle up and down repeatedly until resistance is felt and the bottle is pressurized. This typically requires several pumps.
2. **Adjust Nozzle:** Rotate the red nozzle tip to adjust the spray pattern. Turn clockwise for a fine mist and counter-clockwise for a jet stream.
3. **Spray:** Point the nozzle towards the target surface and press the trigger to begin spraying.

4. **Locking Feature:** For continuous spraying, press the trigger and then slide the locking mechanism forward to keep the trigger engaged without constant pressure. Release the lock to stop spraying.
5. **Re-pressurize:** If the spray pressure decreases, pump the handle again to re-pressurize the bottle.



**Versatile pump sprayer works  
without external water sources  
or electricity**

**Image Description:** A hand holds the Chemical Guys Mr. Sprayer, directing a fine mist of liquid onto the hood of a gray car. This illustrates the product in use for car detailing.



Fully adjustable  
nozzle for  
complete control  
over product  
application

**Image Description:** A person is shown actively pumping the handle of the Chemical Guys Mr. Sprayer to build pressure. The sprayer is placed on the ground next to a car, indicating preparation for use.

## 6. MAINTENANCE

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- **Cleaning After Use:** After each use, especially when using concentrated or sticky solutions, it is recommended to rinse the bottle and pump mechanism with clean water. Fill the bottle with clean water, pressurize, and spray until the water runs clear.
- **Nozzle Cleaning:** The nozzle is removable for easy cleaning. If the spray pattern becomes inconsistent or clogged, unscrew the nozzle and rinse it thoroughly under running water. Use a small brush or pin to clear any blockages if necessary.
- **Seal Inspection:** Periodically inspect the O-ring gasket and other seals for wear or damage. Replace any worn seals to maintain proper pressure and prevent leaks.
- **Storage:** Store the sprayer empty and clean in a cool, dry place. Release any remaining pressure before storing.

## 7. TROUBLESHOOTING

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Problem	Possible Cause	Solution
No spray or weak spray	Insufficient pressure Clogged nozzle Loose pump assembly Damaged O-ring/seal	Pump the handle more to build pressure. Clean the nozzle (see Maintenance section). Tighten the pump assembly securely. Inspect and replace O-ring/seal if damaged.
Leaking from pump assembly	Loose pump assembly Damaged O-ring/seal	Tighten the pump assembly securely. Inspect and replace O-ring/seal if damaged.
Trigger sticks or does not return	Residue buildup Internal mechanism issue	Rinse the trigger mechanism thoroughly with clean water. If problem persists, contact customer support.

## 8. SPECIFICATIONS

Feature	Detail
Brand	Chemical Guys
Model Name	Mr. Sprayer Full Function Atomizer and Pump Sprayer
Model Number	ACC503
Tank Volume	50 Fluid Ounces (approximately 1.47 Liters)
Material	Plastic (Heavy-duty, UV resistant bottle)
Color	Clear
Product Dimensions	Approximately 5"W x 7"H
Item Weight	Approximately 7.1 ounces (200 Grams)
Power Source	Manual Pump
Special Features	Adjustable Nozzle, Locking Trigger
Recommended Uses	Cleaning Solution (non-corrosive detailing liquids, waterless washes, glass cleaners)

## 9. WARRANTY AND SUPPORT

For warranty information or technical support regarding your Chemical Guys ACC503 Mr. Sprayer, please refer to the official Chemical Guys website or contact their customer service department directly.

**Official Website:** [www.chemicalguys.com](http://www.chemicalguys.com)

Please have your model number (ACC503) and purchase details available when contacting support.

