

RamPro 0829

RamPro 2-Liter (1/2 Gallon) Pump Pressure Sprayer User Manual

Model: 0829

1. INTRODUCTION

Thank you for choosing the RamPro 2-Liter (1/2 Gallon) Pump Pressure Sprayer. This manual provides essential information for the safe and effective use, setup, operation, and maintenance of your new sprayer. Please read these instructions carefully before first use and retain them for future reference.

2. PRODUCT OVERVIEW

Key Features

- **Easy Operation:** Simple to use with an internal pump for building air pressure and a trigger for spraying.
- **Durable Construction:** Made from thick PE plastic materials for long-lasting use.
- **Adjustable Nozzle:** Brass nozzle twists to switch between a gentle fine mist and an intense water column.
- **Safety Valve:** Automatically releases excess pressure to prevent over-pressurization.
- **Translucent Tank:** Graded tank allows for easy monitoring of liquid levels.
- **Ergonomic Design:** Non-slip, ergonomic grip handle and thumb spray button for comfortable use and reduced hand fatigue.
- **Versatile Application:** Suitable for gardening, cleaning cars, windows, and general household cleaning.

Components



ERGONOMIC GRIP
*With easy to use
thumb spray button*

Image 2.1: Labeled components of the RamPro Pump Pressure Sprayer. This diagram highlights the Trigger Lock, Pressure Bar, Ergonomic Handle, Pressure Release Valve, and the Translucent Bottle with water level indicators.

3. SETUP INSTRUCTIONS

Before using your RamPro sprayer for the first time, follow these steps:

1. **Unpack:** Carefully remove all components from the packaging.
2. **Inspect:** Check for any visible damage or missing parts. Ensure all seals and gaskets are properly seated.
3. **Assemble (if necessary):** The sprayer typically comes pre-assembled. If any parts like the nozzle or pump handle are detached, securely attach them.
4. **Initial Rinse:** Fill the tank with clean water and spray it out to flush any manufacturing residue.





2 LITER **1/2 GALLON**

GARDEN PUMP & SPRAY
PRESSURE SPRAYER

RAM PRO

#0829



75 oz
60 oz
45 oz
30 oz
15 oz

Image 3.1: The RamPro 2-Liter Pump Pressure Sprayer in its fully assembled state, ready for use.

4. OPERATING INSTRUCTIONS

4.1 Filling the Sprayer

1. **Unscrew Pump:** Twist the pump handle counter-clockwise to remove it from the tank.
2. **Fill Tank:** Pour the desired liquid (water, fertilizer, herbicide, cleaning solution) into the tank. Do not exceed the maximum fill line (2 Liters / 68 Ounces).
3. **Secure Pump:** Place the pump back into the tank and twist clockwise until it is securely closed and sealed. A good seal is crucial for building pressure.

4.2 Building Pressure

1. **Unlock Trigger:** Ensure the trigger lock (if engaged) is disengaged before pumping.
2. **Pump Handle:** Pump the handle up and down repeatedly. You will feel resistance as pressure builds inside the tank.
3. **Continue Pumping:** Continue pumping until sufficient pressure is achieved. The less liquid in the bottle, the more pumps may be required.

4.3 Spraying

1. **Activate Spray:** Press the thumb spray button to release the liquid.
2. **Continuous Spray:** For continuous spraying, slide the switch on top of the spray button to engage the trigger lock. This holds the button down without continuous thumb pressure. Remember to unlock this switch before pumping more air.



Image 4.1: A hand demonstrating the ergonomic grip and the easy-to-use thumb spray button on the RamPro sprayer.

4.4 Adjusting the Nozzle

The brass nozzle can be adjusted to change the spray pattern:

- **Fine Mist:** Twist the nozzle clockwise for a gentle, fine mist, ideal for delicate plants or even coverage.
- **Water Column:** Twist the nozzle counter-clockwise for an intense, direct water column, suitable for targeted application or cleaning.



Image 4.2: Illustration of the two adjustable spray modes: a gentle fine mist and a focused water column, achieved by twisting the brass nozzle.

5. MAINTENANCE

5.1 Cleaning

Regular cleaning ensures optimal performance and extends the life of your sprayer.

- **After Each Use:** If using chemicals, rinse the tank thoroughly with clean water and spray out the remaining water until the tank is empty. This prevents chemical residue buildup and nozzle clogging.
- **Nozzle Cleaning:** If the nozzle becomes clogged, unscrew it and rinse under running water. A small brush or pin can help clear stubborn blockages.
- **Exterior Cleaning:** Wipe the exterior of the sprayer with a damp cloth.

5.2 Storage

- **Empty and Clean:** Always empty and clean the sprayer before storing.
- **Release Pressure:** Ensure all pressure is released from the tank before storage.
- **Store Safely:** Store the sprayer in a cool, dry place, away from direct sunlight and freezing temperatures. Keep out of reach of children and pets.

6. TROUBLESHOOTING

If you encounter issues with your sprayer, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Sprayer does not build pressure.	<ul style="list-style-type: none">• Pump not securely closed/sealed.• Insufficient pumping.• Trigger lock engaged during pumping.• Worn seals/gaskets.	<ul style="list-style-type: none">• Ensure pump is twisted tightly and sealed.• Pump more vigorously; a less-filled bottle may take longer.• Disengage trigger lock before pumping.• Inspect and replace worn seals/gaskets (spare parts may be included).
No spray or weak spray.	<ul style="list-style-type: none">• Low pressure.• Nozzle clogged.• Tank empty.	<ul style="list-style-type: none">• Pump to build more pressure.• Clean the nozzle (refer to Maintenance section).• Refill the tank.
Liquid leaks from sprayer.	<ul style="list-style-type: none">• Loose connections.• Damaged seals/gaskets.	<ul style="list-style-type: none">• Tighten all connections, especially the pump to the tank.• Inspect and replace any damaged seals or gaskets.

Note for New Users: If you experience difficulty building pressure initially, continue to pump and spray a few times. The fresh suction pump may require a few minutes to establish a good grip and spray effectively. After this initial period, it should respond immediately.

7. SPECIFICATIONS

- **Brand:** RamPro
- **Model Number:** 0829
- **Tank Volume:** 2 Liters (approximately 0.5 Gallons / 68 Ounces)
- **Material:** PE Plastic, Brass Nozzle
- **Color:** White (with green accents)
- **Power Source:** Hand Powered
- **Dimensions:** Approximately 39.9 x 18.8 x 18.7 cm (15.7 x 7.4 x 7.4 inches)
- **Weight:** Approximately 390 g (0.86 lbs)
- **UPC:** 840195608298



Image 7.1: The RamPro sprayer with key dimensions (height 11.8 inches, width 5.5 inches) and an illustration of included spare parts (seals).

8. SAFETY INFORMATION

Please observe the following safety precautions:

- Always wear appropriate personal protective equipment (PPE) such as gloves and eye protection when handling chemicals.
- Do not use the sprayer with flammable liquids, strong acids, or highly corrosive substances.
- Never point the nozzle at people, animals, or electrical outlets.
- Keep the sprayer out of reach of children and pets.
- Do not over-pressurize the tank beyond its intended capacity. The safety valve will release excess pressure.
- Ensure the pump is securely fastened before building pressure.
- Store chemicals in their original containers and follow their specific safety instructions.

9. WARRANTY AND SUPPORT

For warranty information or product support, please contact RamPro customer service through the retailer where

the product was purchased or refer to the contact information provided on the product packaging. Please have your model number (0829) and proof of purchase available when contacting support.