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> [Graco 288489 Contractor Airless Paint Spray Gun and Hose Kit User Manual](#)

Graco 288489

Graco 288489 Contractor Airless Paint Spray Gun and Hose Kit User Manual

1. PRODUCT OVERVIEW

The Graco 288489 Contractor Airless Paint Spray Gun and Hose Kit is designed as an accessory package for a complete airless paint spray unit. This kit provides essential components for efficient and professional paint application.

It includes a high-quality spray gun, an airless hose, a built-in swivel on the handle for improved maneuverability, an in-line filter to prevent clogs, and a whip hose for added flexibility during operation.



Image 1.1: Components of the Graco 288489 Contractor Airless Paint Spray Gun and Hose Kit. This image displays the airless spray gun, the long airless hose, and a smaller whip hose, along with a spray tip, illustrating the complete kit contents.

2. SAFETY INFORMATION

WARNING: Read and understand all safety warnings and instructions before operating this equipment. Failure to follow warnings and instructions may result in electric shock, fire, serious injury, or death.

- **High Pressure Hazard:** Airless spray equipment operates at extremely high pressures. Paint can inject into the skin and cause severe injury. Never point the gun at yourself or others. Always engage the trigger lock when not spraying.
- **Flammable Materials:** Many paints and solvents are flammable. Operate in a well-ventilated area, away from ignition sources such as pilot lights, open flames, and sparks. Do not smoke while spraying.
- **Personal Protective Equipment (PPE):** Always wear appropriate PPE, including safety glasses or goggles, gloves, and a respirator or mask suitable for paint fumes.
- **Electrical Safety:** Ensure the sprayer unit (not included in this kit) is properly grounded. Do not operate in wet conditions.
- **Hose Integrity:** Regularly inspect hoses for cuts, bulges, or damage. Never use damaged hoses.
- **Pressure Relief:** Always relieve pressure in the system before cleaning, checking, or servicing any part of the equipment.

3. PACKAGE CONTENTS

Verify that all items are present in your kit:

- Graco Contractor Airless Spray Gun
- RAC X 517 Reversible Spray Tip
- 50-foot Airless Paint Hose
- Built-in Swivel on Gun Handle
- In-line Gun Filter
- Whip Hose

4. SETUP INSTRUCTIONS

This kit is an accessory for an existing airless paint sprayer. Ensure your sprayer unit is off and depressurized before beginning assembly.

1. **Connect Main Airless Hose:** Securely attach one end of the 50-foot airless paint hose to the high-pressure outlet of your airless sprayer unit. Use appropriate wrenches to ensure a tight, leak-free connection.
2. **Connect Whip Hose (Optional):** If using the whip hose for added flexibility, connect one end to the free end of the 50-foot airless hose.
3. **Connect Spray Gun:** Attach the Graco Contractor Airless Spray Gun to the free end of the whip hose (if used) or directly to the 50-foot airless hose. Ensure the connection is secure and leak-free. The built-in swivel on the gun handle allows for easier movement.
4. **Install In-line Filter:** The in-line filter is typically pre-installed in the gun handle. Verify it is clean and properly seated. This filter helps prevent tip clogs.
5. **Install RAC X Spray Tip:** Insert the RAC X 517 reversible spray tip into the tip guard on the front of the spray gun. Secure the tip guard by rotating it until it locks into place. Ensure the tip is oriented correctly for spraying.

(not in the unclogging position).

6. **Prepare Sprayer Unit:** Follow your airless sprayer unit's instructions for filling with paint and priming the system. Ensure all air is purged from the system before spraying.

5. OPERATING INSTRUCTIONS

Once the system is primed and ready, follow these guidelines for effective spraying:

- **Test Spray:** Always perform a test spray on a piece of cardboard or scrap material to check the spray pattern and adjust pressure as needed.
- **Maintain Distance:** Hold the spray gun approximately 10-12 inches (25-30 cm) from the surface. Maintain a consistent distance for an even finish.
- **Consistent Movement:** Move your entire arm, not just your wrist, to keep the gun perpendicular to the surface. Overlap each pass by about 50% to ensure full coverage.
- **Trigger Control:** Begin moving the gun before pulling the trigger and release the trigger before stopping movement. This prevents paint buildup at the start and end of each pass.
- **Pressure Adjustment:** Adjust the pressure on your airless sprayer unit to achieve a soft, feathered spray pattern without tails (uneven edges). Too low pressure will result in tails; too high pressure wastes paint and increases overspray.
- **Trigger Lock:** Always engage the trigger lock when pausing or moving the gun to prevent accidental discharge.

6. MAINTENANCE

Proper maintenance extends the life of your equipment and ensures optimal performance.

- **Clean After Each Use:** Immediately after spraying, flush the system with the appropriate cleaning solution (water for latex, mineral spirits for oil-based paints). Follow your sprayer unit's cleaning instructions.
- **Gun Cleaning:** Disassemble the gun (remove tip, tip guard, and filter) and clean all components thoroughly. The totally enclosed needle design helps eliminate exposure to fluid and extends needle life.
- **Tip Maintenance:** If the spray tip clogs during use, reverse the tip to clear the obstruction, then return it to the spray position. Clean the tip thoroughly after each use.
- **Filter Cleaning:** Remove and clean the in-line gun filter. Replace if damaged or excessively clogged.
- **Hose Care:** Flush the hose thoroughly. Store the hose coiled neatly, avoiding kinks or sharp bends.
- **Storage:** Store the gun and hose in a clean, dry place, protected from freezing temperatures if using water-based materials.

7. TROUBLESHOOTING

Here are common issues and their solutions:

Problem	Possible Cause	Solution
Poor Spray Pattern / Tails	Pressure too low; Worn or clogged tip; Material too thick.	Increase pressure; Reverse and clear tip, or replace tip; Thin material if recommended by manufacturer.

Problem	Possible Cause	Solution
Gun Clogging	Dirty material; Clogged filter; Worn tip.	Filter paint; Clean or replace in-line filter; Replace tip.
Leaking from Gun or Hose	Loose connections; Damaged seals/O-rings; Damaged hose.	Tighten connections; Replace seals/O-rings; Replace damaged hose.
Gun Spitting	Air in system; Loose tip guard; Worn needle packing.	Re-prime system to remove air; Tighten tip guard; Consult a service technician for needle packing replacement.

For issues not listed, refer to your main airless sprayer unit's manual or contact Graco customer support.

8. SPECIFICATIONS

- **Brand:** Graco
- **Model Number:** 288489
- **Material:** Plastic, Stainless Steel
- **Color:** Multicolor
- **Item Weight:** 5.8 Pounds (approx. 2.63 kg)
- **Maximum Pressure:** 3300 PSI (Pound per Square Inch)
- **Item Length (Hose):** 50 Feet (approx. 15.24 meters)
- **UPC:** 633955215498
- **Special Features:** Airless, Totally enclosed needle design, Built-in swivel on handle

9. WARRANTY AND SUPPORT

For specific warranty information regarding your Graco 288489 Contractor Airless Paint Spray Gun and Hose Kit, please refer to the documentation provided with your purchase or visit the official Graco website. Warranty terms typically cover manufacturing defects for a specified period.

For technical support, parts, or service inquiries, please contact Graco customer service directly. You can usually find contact information on the Graco website or in the original product packaging.

Graco Official Website: www.graco.com