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Graco 288048

Graco 288048 AL Automatic Airless Auto Gun User Manual

Model: 288048

Brand: Graco

1. PRODUCT OVERVIEW

The Graco 288048 AL Automatic Airless Auto Gun is engineered for high-speed production environments, offering a lightweight and compact design. Constructed from durable stainless steel, it is built to handle the toughest materials, ensuring reliability and a long service life. Its design minimizes the number of parts, contributing to a lower overall cost of repair. This gun is compatible with a wide range of tips, allowing for versatility across various applications.

Key Features:

- Small and lightweight rounded gun profile
- Durable and reliable design
- Capable of high speed productions
- Made in USA



Figure 1.1: Front view of the Graco 288048 AL Automatic Airless Auto Gun, showcasing its compact and robust design.

2. IMPORTANT SAFETY INFORMATION

Always read and understand all safety warnings and instructions before operating the Graco 288048 AL Automatic Airless Auto Gun. Failure to follow these warnings can result in serious bodily injury, fire, or explosion.

General Safety Precautions:

- **High Pressure Fluid:** This equipment operates at extremely high pressure. Fluid injection into the skin can cause severe injury. Never point the gun at yourself or others. Always engage the trigger lock when not spraying.
- **Fire and Explosion Hazard:** Many coatings and solvents are flammable. Ensure adequate ventilation to prevent the accumulation of flammable vapors. Do not spray near open flames, pilot lights, or other ignition sources.
- **Personal Protective Equipment (PPE):** Always wear appropriate PPE, including safety glasses, gloves, and a respirator, to protect against chemical exposure and overspray.
- **Grounding:** Ensure all equipment is properly grounded to prevent static electricity discharge, which can ignite flammable vapors.
- **Pressure Relief:** Always relieve pressure in the system before cleaning, checking, or servicing any part of the equipment.



Figure 2.1: The automatic airless gun showing critical warning labels regarding fluid injection and fire/explosion hazards.

3. SETUP INSTRUCTIONS

Proper setup is crucial for safe and efficient operation of your Graco 288048 AL Automatic Airless Auto Gun.

3.1 Unpacking and Inspection:

- Carefully remove all components from the packaging.
- Inspect the gun for any signs of damage that may have occurred during shipping. Do not use if damaged.
- Verify all components listed in the packing list are present.

3.2 Connecting to Airless Sprayer System:

- Ensure the airless sprayer pump is turned off and pressure is relieved.
- Connect the high-pressure fluid hose from your airless sprayer to the inlet fitting on the gun. Ensure connections are tight to prevent leaks.
- If applicable, connect the air supply line to the air inlet port for automatic operation.

3.3 Nozzle and Tip Installation:

- Select the appropriate spray tip for your material and application.
- Insert the tip into the tip guard and then thread the tip guard onto the gun. Hand-tighten securely.

- Ensure the tip is oriented correctly for the desired spray pattern.

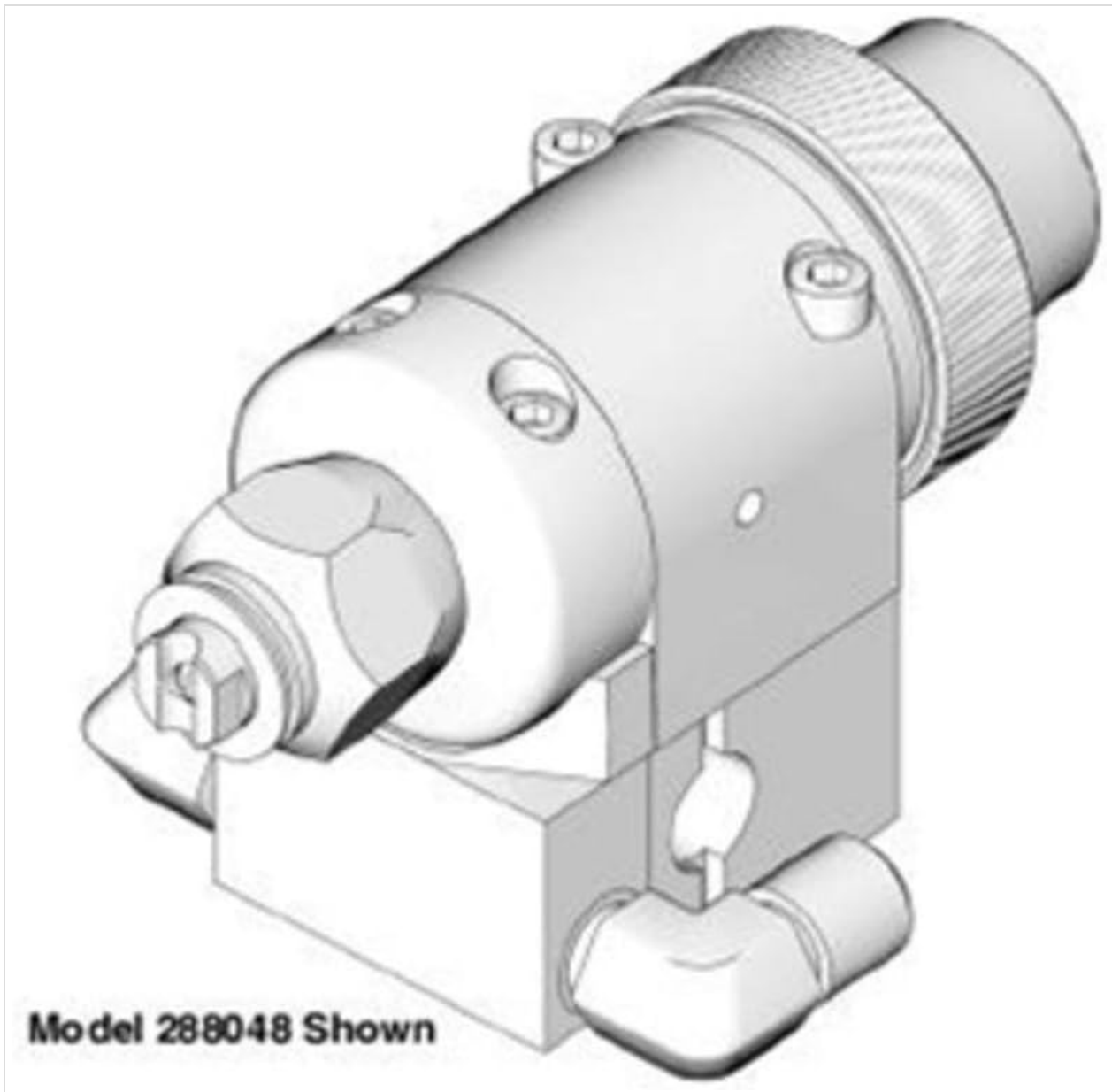


Figure 3.1: Schematic diagram of the Graco 288048 AL Automatic Airless Auto Gun, illustrating key components and connection points.

4. OPERATING PROCEDURES

Follow these steps for safe and effective operation of your automatic airless gun.

4.1 Priming the System:

- With the gun connected and the tip removed, place the gun over a waste container.
- Turn on the airless sprayer pump to a low-pressure setting.
- Engage the trigger (or activate the automatic trigger mechanism) to allow fluid to flow through the gun until all air is purged and a steady stream of fluid emerges.
- Release the trigger and turn off the pump. Reinstall the spray tip.

4.2 Spraying Technique:

- Set the airless sprayer pressure to the recommended setting for your material and tip.
- Maintain a consistent distance (typically 10-12 inches) from the surface being sprayed.

- Move the gun in smooth, even passes, overlapping each pass by approximately 50%.
- For automatic operation, ensure the automation system is correctly configured to trigger the gun at the desired intervals and durations.

4.3 Shutting Down:

- Turn off the airless sprayer pump.
- Relieve all pressure in the system by engaging the gun trigger into a waste container until fluid flow stops.
- Engage the trigger lock.

5. MAINTENANCE AND CARE

Regular maintenance ensures the longevity and optimal performance of your Graco 288048 AL Automatic Airless Auto Gun.

5.1 Cleaning After Use:

- Always relieve pressure before cleaning.
- Flush the system with an appropriate cleaning solvent (e.g., water for latex, mineral spirits for oil-based paints) until the fluid runs clear.
- Remove the spray tip and tip guard. Clean them thoroughly with a brush and solvent.
- Clean the exterior of the gun with a damp cloth. Do not immerse the gun in liquid.

5.2 Tip Maintenance:

- Inspect spray tips regularly for wear. A worn tip will produce a poor spray pattern and waste material.
- Replace tips as needed to maintain optimal performance.

5.3 Storage:

- Store the gun in a clean, dry place, away from extreme temperatures.
- Ensure all fluid is purged from the gun before long-term storage.

6. TROUBLESHOOTING GUIDE

This section provides solutions to common issues you may encounter.

Problem	Possible Cause	Solution
No spray or weak spray	Clogged tip; Insufficient pressure; Air in system	Clean or replace tip; Increase pump pressure; Prime the system to remove air
Inconsistent spray pattern	Worn tip; Material too thick; Incorrect pressure	Replace tip; Thin material as per manufacturer's instructions; Adjust pressure
Leaks from gun	Loose fittings; Damaged seals/O-rings	Tighten all connections; Inspect and replace worn seals/O-rings
Gun not triggering automatically	No air supply; Air pressure too low; Automation system malfunction	Check air supply and connections; Increase air pressure; Consult automation system manual or Graco support

If the problem persists after attempting these solutions, contact Graco customer support or a qualified service technician.

7. TECHNICAL SPECIFICATIONS

Detailed specifications for the Graco 288048 AL Automatic Airless Auto Gun.

Specification	Value
Manufacturer	Graco
Brand	Graco
Item Model Number	288048
Item Weight	1.45 pounds
Package Dimensions	7.1 x 5.5 x 4.2 inches
Material	Stainless Steel
Style	Compact
Special Features	Airless, Lightweight
UPC	633955193185
Date First Available	April 10, 2016

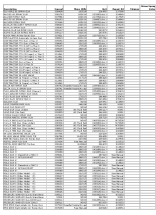
8. WARRANTY AND SUPPORT

For detailed warranty information and customer support, please refer to the official Graco website or contact Graco customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

- **Graco Official Website:** www.graco.com
- **Customer Support:** Refer to the contact section on the official Graco website for phone numbers and email support.

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Related Documents - 288048

	<p>Graco Guns: Repair and Replacement Parts Cross-Reference</p> <p>A comprehensive list of Graco spray guns, including their model numbers, manual references, included components, repair kit numbers, strainer information, and prime spray valve details. This document serves as a cross-reference for repair and replacement parts.</p>
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