

[Manuals.plus](#) /

› [Eastwood](#) /

› Eastwood 1.3mm HVLP Gravity Feed Paint Spray Gun Instruction Manual

Eastwood 614853aa-3daa-4bb7-a7dd-4f74ddceeccd

Eastwood 1.3mm HVLP Gravity Feed Paint Spray Gun Instruction Manual

Model: 614853aa-3daa-4bb7-a7dd-4f74ddceeccd

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Eastwood 1.3mm HVLP Gravity Feed Paint Spray Gun. Please read these instructions thoroughly before operation to ensure proper setup, usage, and maintenance. Retain this manual for future reference.

2. SAFETY INFORMATION

WARNING: Always wear protective eyewear and gloves when using this product. Use in a well-ventilated area. Keep away from flames and sparks. Read and understand the product manual before use.

- Ensure adequate ventilation to prevent inhalation of paint fumes.
- Wear appropriate personal protective equipment (PPE), including a respirator, safety glasses, and chemical-resistant gloves.
- Never point the spray gun at yourself or others.
- Disconnect the air supply before cleaning, adjusting, or performing maintenance.
- Keep the work area clean and free of obstructions.
- Store the spray gun and paint materials in a safe, dry place away from children and ignition sources.

3. PRODUCT COMPONENTS

The Eastwood 1.3mm HVLP Gravity Feed Paint Spray Gun includes the following components:

- HVLP Spray Gun with 1.3mm Nozzle
- 600cc Plastic Paint Cup
- Paint Wrench
- Cup Filter
- Tube Brush
- Flat Brush



Figure 1: Eastwood HVLP Spray Gun with accessories.

The spray gun is designed for professional quality painting from a home compressor, offering great atomization and a wide spray pattern. It requires just 4 CFM at 30 PSI and is compatible with all types of coatings.

4. SETUP

1. **Unpack Components:** Carefully remove all items from the packaging and inspect for any damage.
2. **Attach Paint Cup:** Securely screw the 600cc plastic paint cup onto the top of the spray gun. Ensure a tight seal to prevent leaks.
3. **Connect Air Supply:** Attach your air compressor hose to the air inlet at the bottom of the spray gun handle. Ensure the air pressure regulator is set to the recommended 30 PSI.
4. **Initial Cleaning:** Before first use, clean the spray gun thoroughly with an appropriate cleaning solvent to remove any manufacturing residues. Refer to the Maintenance section for detailed cleaning instructions.



Figure 2: Spray gun with paint cup attached.

5. OPERATING INSTRUCTIONS

1. **Prepare Paint:** Mix your paint or coating according to the manufacturer's instructions. Use the included cup filter when pouring paint into the gravity feed cup to prevent clogs.
2. **Adjust Air Pressure:** Set your air compressor regulator to 30 PSI. The spray gun requires a minimum of 4 CFM for optimal performance.
3. **Adjust Controls:** The spray gun features three main adjustment knobs:
 - **Fluid Control Knob:** Located at the back of the gun, this controls the amount of paint released. Turn clockwise to decrease fluid, counter-clockwise to increase.
 - **Fan Pattern Control Knob:** Located on the side, this adjusts the spray pattern from round to wide fan. Turn clockwise for a rounder pattern, counter-clockwise for a wider fan.
 - **Air Flow Control Knob:** Located at the bottom of the handle, this regulates the air flow through the gun.
4. **Test Spray:** Before applying to your workpiece, perform a test spray on a scrap piece of material to fine-tune your settings and ensure an even pattern.
5. **Spraying Technique:** Maintain a consistent distance (typically 6-8 inches) from the surface. Use smooth, overlapping passes. Release the trigger at the end of each pass.



Figure 3: Detail of spray gun adjustment knobs.

6. MAINTENANCE

Proper cleaning and maintenance are crucial for the longevity and performance of your spray gun.

- 1. **Immediate Cleaning:** Clean the spray gun immediately after each use. Do not allow paint to dry inside the gun.
- 2. **Empty Paint Cup:** Empty any remaining paint from the cup.
- 3. **Flush with Solvent:** Pour a small amount of appropriate cleaning solvent into the cup and spray it through the gun until clear solvent emerges.
- 4. **Disassemble and Clean:** Disconnect the air supply. Unscrew the air cap, fluid nozzle, and needle. Use the included tube brush and flat brush with solvent to clean all internal and external parts. Pay close attention to the air passages and fluid tip.
- 5. **Inspect and Lubricate:** Inspect all parts for wear or damage. Apply a small amount of spray gun lubricant to the needle packing and air valve packing.
- 6. **Reassemble:** Carefully reassemble the spray gun, ensuring all parts are correctly seated and tightened. Do not overtighten.
- 7. **Storage:** Store the clean and dry spray gun in a protective case or hang it in a dry, dust-free environment.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Uneven spray pattern	Clogged air cap or fluid tip; incorrect air pressure; improper paint viscosity.	Clean air cap and fluid tip; adjust air pressure to 30 PSI; thin paint as per manufacturer's instructions.
Paint drips or runs	Too much fluid; gun too close to surface; paint too thin.	Reduce fluid control; increase distance from surface; adjust paint viscosity.
No paint flow	Clogged fluid tip or filter; empty paint cup; fluid needle stuck.	Clean fluid tip and filter; refill paint cup; lubricate and free fluid needle.
Air leaks	Loose connections; worn O-rings or seals.	Tighten connections; replace worn O-rings or seals.

8. SPECIFICATIONS

Feature	Specification
Brand	Eastwood
Model Number	614853aa-3daa-4bb7-a7dd-4f74ddceeccd
Nozzle Size	1.3 mm
Paint Cup Volume	600 Cubic Centimeters
Power Source	Air Powered
Maximum Pressure	30 PSI (Pound per Square Inch)
Air Consumption	4 CFM (Cubic Feet per Minute)
Material	Iron (Gun Body)
Item Weight	3.1 Pounds

Feature	Specification
UPC	607174125418

9. WARRANTY INFORMATION

Specific warranty details for this product are not provided in this manual. For information regarding warranty coverage, terms, and conditions, please refer to the official Eastwood website or contact Eastwood customer support directly.

10. CUSTOMER SUPPORT

If you have any questions, require technical assistance, or need to order replacement parts, please contact Eastwood customer support. You can find contact information and additional resources on the official Eastwood website: [Eastwood Official Store](#)