

Eastwood

DO THE JOB RIGHT.

Part #12776

EVOLUTION™
HVLP PAINT GUN
INSTRUCTIONS



This Eastwood Evolution HVLP Paint Gun is a precision engineered gun designed for use by the seasoned professional and the hobbyist. It is capable of producing the highest quality paint finish possible and will provide many years of trouble free service. The body is constructed of a highly durable and lightweight composite material with Stainless Steel internal components and is compatible with both solvent and water borne coatings. Convenient reference markings on the gun body and control knobs allow for accurate repeatability of gun settings.

INCLUDES

- 1.4 mm Air Cap, Stainless Steel Needle & Nozzle. (other sizes available)
- 600cc solvent resistant plastic cup.
- Lightweight, high-strength composite gun body for use with the latest water borne paints and solvent based coatings.
- Tool Kit.

SPECIFICATIONS

- 12 CFM @ 43 PSI max. working pressure at the air inlet, 10 PSI max. at the Air Cap.
- M16 x 1.5NPS cup attachment threads.
- 1/4" NPT Air Inlet threads.

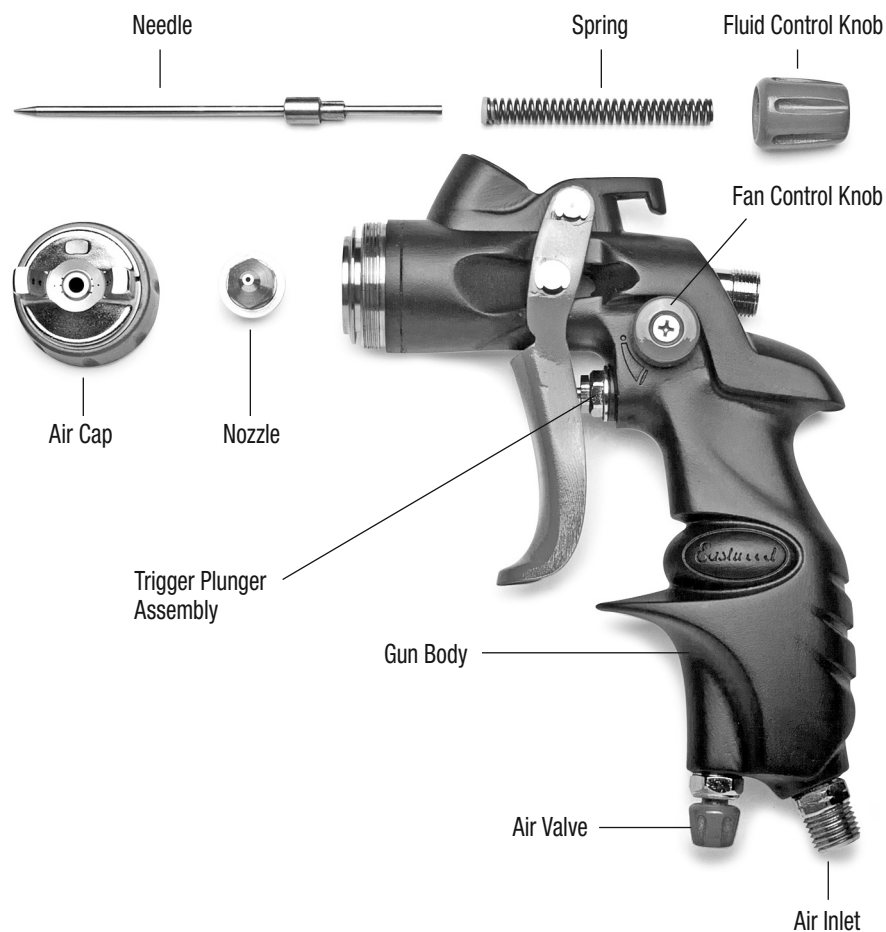
SET UP

1. A **5/16" I.D. minimum** air hose at a **25' maximum length** is recommended for best results. A smaller I.D. hose and greater length will reduce the performance of the gun and produce unsatisfactory results.
2. Depress trigger to check for smooth operation and become familiar with the "feel" of the gun.
3. Clean out cup and gun with solvent to remove any residual manufacturing impurities and dry thoroughly.

OPERATION

Please note that many variables affect the adjustment of a paint gun such as paint viscosity and type, atmospheric conditions and operator preference. The following are some guidelines to get started but some time spent acquiring the "feel" of the gun and test spraying on sheets of masking paper taped to a wall are recommended before applying paint to your project. This gun has been designed with convenient, graduated reference markings on the gun body and control knobs to help achieve repeatability of desired gun settings, however, always "tune" the gun before each use as prevailing conditions may not be the same as the previous use.

1. The Fan control knob (smaller blue knob at the top left of gun) is opened by turning in a counter-clockwise direction. This controls the size of the spray pattern or "fan" and the droplet size. Out with the knob = larger pattern/larger droplet size, in = smaller pattern/smaller droplet size.
2. The Fluid control knob (larger blue knob at the top rear of gun) is opened by turning in a counter-clockwise direction. This controls the amount of paint flow to the nozzle. Out with the knob = more paint flow, in = less paint.
3. The Air Valve control knob (small blue knob at the bottom of the gun near the air inlet) is opened by turning in a counter-clockwise direction. This is a "fine tuning" for air flow in the gun. You generally want to start out fully open and decrease air as needed.
4. With practice you will quickly acquire a "feel" for the gun and will be producing professional results.
5. When you have achieved your optimal knob settings, note their positions with the indicators on the gun body and knobs. This will assist in quickly "tuning" the gun in future uses.



GUN MAINTENANCE AND CLEANING

Note: It is extremely important that the gun be disassembled and cleaned after every use!

1. Pour out then wipe out any remaining paint in the cup, fill the cup with water (for water borne paints) or solvent (for solvent based paints) and spray in a safe area until the spray is clear.
2. Remove the Cup.
3. Remove the Fluid control knob (smaller blue knob at the top rear of gun) fully by turning in a counter-clockwise direction.
4. Remove the spring with the Fluid control knob and pull the Needle out from the rear of the gun.
5. Remove the Air Cap.
6. Remove the Nozzle by unthreading it with the included #13 hex wrench.
7. Inspect the internal passages of the gun for any remaining traces of paint and using the included brush and water (for water borne paints) or solvent (for solvent based paints), clean out the passages and rinse.
8. Blow out any remaining water or solvent and reassemble the gun in the following order:
9. Thread the Nozzle into its bore and snug in place with the included #13 hex wrench.
10. Slide the needle back into place.
11. Slide the spring over the end of needle and thread the Fluid Control knob on.
12. Lastly, thread the Air Cap onto the end of the gun keeping the air horns in the horizontal plane.

OPTIONAL ACCESSORIES

- #12776E 1.2 Cap, Needle & Nozzle Set
- #12776B 1.4 Cap, Needle & Nozzle Set
- #12776C 1.7 Cap, Needle & Nozzle Set
- #12776D 2.0 Cap, Needle & Nozzle Set
- #50207 DeVillbiss DeKups Adapter
- #11549 M16 x 1.5NPS 3M PPS Adapter
- #51550A 600cc Plastic Cup
- #51550A 600cc Aluminum Cup with internal Teflon coated surface
- #51559 Digital Regulator for gun air inlet
- #12846Z Aerosol Injected Gun Cleaner

If you have any questions about the use of this product, please contact

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