ROCKWOOD®

Item #16293

10PC HVLP PAINT GUN SET

INSTRUCTIONS

This **10 PIECE HVLP PAINT GUN SET** provides a comprehensive array of paint guns and equipment required to do a complete paint job from primer, sealer, base coat through to clear coat. The precision detail gun allows for precise application of paint to door jambs, trunk areas, spot repairs and more.

CONTENTS

- **(1)** HVLP Paint Gun with 1.4mm needle/nozzle set
- **(1)** HVLP Paint Gun with 1.7mm needle/nozzle set
- **(1)** HVLP Detail Paint Gun with 0.8mm needle/nozzle set
- **(2)** 500ml Nylon Paint Cups
- **(1)** 100ml Nylon Paint Cup
- **(1)** Replacement 100 Micron Gun Cup Paint Filter
- **(1)** Regulator/Gauge
- **(1)** Paint Gun Wrench
- **(1)** Paint Gun Cleaning Brush

SPECIFICATIONS

1.4/1.7 Needle/Nozzle Gun:	30-43 PSI (2-3 Bar)
0.8 Needle/Nozzle Detail Gun:	20-30 PSI (1.4-2 Bar)
Air Inlet:	1/4" male NPT
Paint Cup Thread Size:	M14 x 1.0 (Eastwood #50207 DeKups DPC-11 compatible)

SAFETY INFORMATION

The following explanations are displayed in this manual, on the labeling, and on all other information provided with this product:

⚠ DANGER

DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.

⚠ WARNING

WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.

⚠ CAUTION

CAUTION used with the safety alert symbol, indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

⚠ NOTICE

NOTICE is used to address practices not related to personal injury.

SAFETY INFORMATION







⚠ READ INSTRUCTIONS

- Thoroughly read and understand these product instructions before using this equipment. Failure to follow all warnings can result in tool damage or serious physical injury.
- Keep these product instructions for future reference.

⚠ WARNING FIRE AND EXPLOSION HAZARD!

- Do Not use near sparks, open flame or other potential ignition source. Solvents and paints are highly combustible and may ignite or explode. Keep at least 25' away from any non-explosion proof compressors, motors, switches etc.

⚠ WARNING HEALTH HAZARD!

- Avoid breathing vapors produced by Spray Gun. Always wear appropriate NIOSH approved breathing apparatus and use in a well ventilated area.
- Wear appropriate ANSI standard Z87.1 eye protection.
- Wear solvent-resistant gloves.
- Do not allow unprotected persons or pets in the spray area.

⚠ CAUTION BURSTING HAZARD!

- Do not exceed 60 psi (4.1 bar) of tool inlet pressure. Permanent tool damage and/or bursting could occur and cause personal injury.

⚠ CAUTION INJURY HAZARD!

- This Paint Gun can quickly spray when handling while connected to an air supply causing serious personal injury. Always disconnect the Paint Gun from the air supply before adding paint, changing nozzles, removing clogs or other maintenance.

⚠ NOTICE

- Use only Eastwood Aerosol Injected Cleaner, acetone or lacquer thinner to clean guns. Use of chlorinated or halogenated hydrocarbon solvents can corrode aluminum gun components or emit hazardous reactive gasses.
- Use for spraying paint products only. Do not use for spraying pesticides, fertilizer, acids or other corrosive materials and solvents.

SET-UP

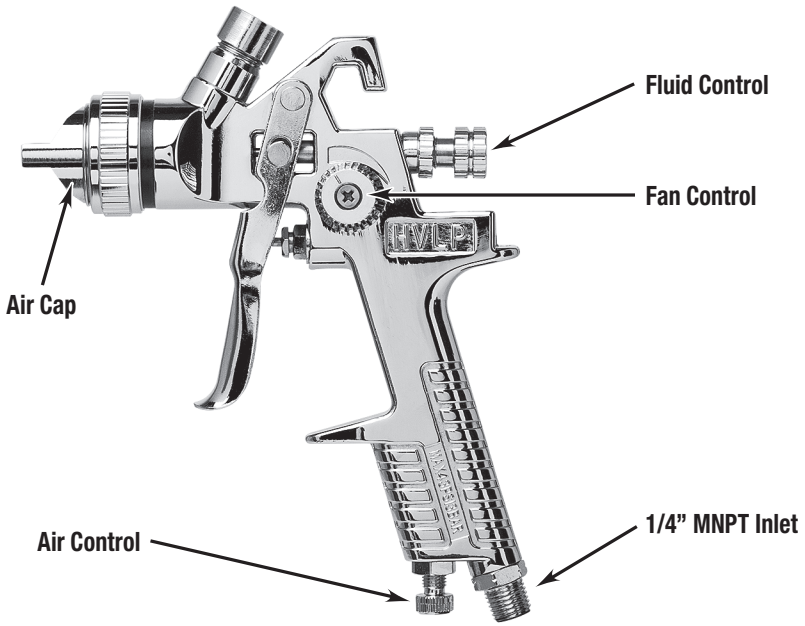
- Remove all components, identify them and become familiar with their purpose.
- **BEFORE FIRST USE** – Following Gun Cleaning Procedure, clean out the paint cup, nozzle, as well as, the paint gun internal air and paint passages with a solvent such as Eastwood PRE or Aerosol Injected Cleaner to remove any residual manufacturing impurities or lubricants that may be present. Dry thoroughly.
- A 3/8" I.D. ***minimum*** air hose at a 25' ***maximum*** length is strongly recommended for best results. Smaller I.D. hose and greater length may produce unsatisfactory results.
- A clean, dry, regulated air supply is required.
- Attach the included "on the gun" regulator to accurately control gun pressure while painting.

IMPORTANT NOTES BEFORE PAINTING:

1. A starting point Regulator setting for the Large HVLP Gun is 30-43 PSI [2-3 Bar].
   A starting point Regulator setting for the Small HVLP Detail Gun is 20-30 PSI [1.4-2 Bar].
   Please note that many variables affect the adjustment of a paint gun including paint viscosity and type, atmospheric conditions such as humidity, barometric pressure and temperature, as well as, air inlet pressure and operator preference. Always "tune" the gun before each use as prevailing conditions may not be the same as the previous use.
2. It is always best to test spray on sheets of cardboard or masking paper with the actual paint you will be applying while making your adjustments to become familiar with the gun and achieve the ideal Fluid Control Setting.
3. Remember that a small amount of product wasted at this point can avoid disappointment in your results and the need to re-do your work later.

GUN SETTINGS

- **AIR CAP** - Make sure the Air Cap is properly oriented in a horizontal plane to produce a vertical fan spray pattern by viewing the HVLP Paint Gun from the front. To adjust, loosen Retaining Ring by rotating counter-clockwise slightly, adjust Air Cap then re-tighten Retaining Ring.
- **FLUID CONTROL** – The Fluid Control knob (located at top rear of gun body) regulates the distance the Needle travels and the amount of paint flowing through the gun. **NOTE:** Generally, for higher viscosity coatings, a wider opening is desired while a closer opening is better suited for lower viscosity fluids. To adjust, rotate the Fluid Control Knob outward (counter-clockwise as viewed from the rear) to increase flow and turn inward to reduce flow.
- **FAN CONTROL** – The Fan Control knob (located at the upper left side of the paint gun body) controls the size and shape of the spray pattern of "fan". Rotating the knob counterclockwise will produce a larger and softer spray pattern while rotating the knob clockwise will result in a smaller, sharper pattern. For most painting conditions, a larger, softer fan is desired.
- **AIR CONTROL** – The Air Control knob (located at the bottom of the gun handle adjacent to the air inlet) is opened by rotating in a counter-clockwise direction (as viewed form the bottom of the gun). This is for "fine tuning" the airflow to the gun. You will generally want to set the inlet pressure at the regulator, start with the Air Control in the full open position, and decrease air as needed.
- With practice, you will quickly acquire a "feel" for the paint guns and will be producing professional results.
- 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.



CLEAN-UP

- Disconnect air supply to gun.
- Remove Paint Cup and pour unused coating into proper container.
- Wipe out any excess coating then thoroughly rinse the Paint Cup with a mild solvent compatible with the coating being used.
- Attach the Paint Cup to the Paint Gun. Then pour a small amount of a solvent compatible with the paint being used into the Paint Cup. Then reconnect air supply and spray solvent through HVLP Gun in a safe area until it flows clear. **NOTE:** as an alternative, #12846Z Eastwood Aerosol Injected Gun Cleaner is excellent for this purpose.
- Remove air supply from HVLP Gun.
- Pour out any unused solvent and remove paint cup.
- Allow solvent to dry completely from all components.

DISASSEMBLY FOR ADDITIONAL CLEANING

- Remove Air Cap by unthreading Retaining Ring.
- Remove Nozzle with wrench (included).
- Unthread and remove Fluid Control Knob from rear of Paint Gun body.
- Carefully remove Tension Coil Spring with Bushing and Needle by firmly gripping rear of Needle and pulling out through rear of Paint Gun body.
- Inspect and clean as required.
- Replace Needle by sliding into bore in rear of Paint Gun body until it seats.
- Slide Needle Tension Spring w/bushing over the rear of the Needle.
- Replace Nozzle by threading into front of Gun Body and tighten firmly with included wrench. **CAUTION:** do not-over tighten.
- Replace Air cap by threading onto Gun Body. Make sure the air horns of the Air Cap are oriented properly.

TROUBLESHOOTING

PROBLEM	CAUSE	CORRECTION
Gun Produces an Uneven Spray	Paint or Film Buildup on Air Cap Blocking Air Holes	Disconnect air supply and clean buildup from Air Cap.
Gun "Spits" or Sputters; Discharges Large Deposits	Paint or Film Buildup on Needle and Nozzle	Disconnect air supply and clean buildup from Needle and Nozzle. **NOTE:** Use of solvent may be helpful, removal of the Nozzle may be necessary.

ADDITIONAL ITEMS

#10041Z	Eastwood PRE Painting Prep, Aerosol
#12846ZEW	Aerosol Injected Cleaner
#14829	Gerson One-Step Respirator
#20405	Gen-Nex Painter's Coveralls, Large
#20406	Gen-Nex Painter's Coveralls, XLarge
#50207	Dekups #DPC-11 Adapter

If you have any questions about the use of this product, please contact
The Eastwood Technical Assistance Service Department: 800.343.9353 >> email: tech@eastwood.com
PDF version of this manual is available at eastwood.com
The Eastwood Company 263 Shoemaker Road, Pottstown, PA 19464, USA
800.343.9353 eastwood.com