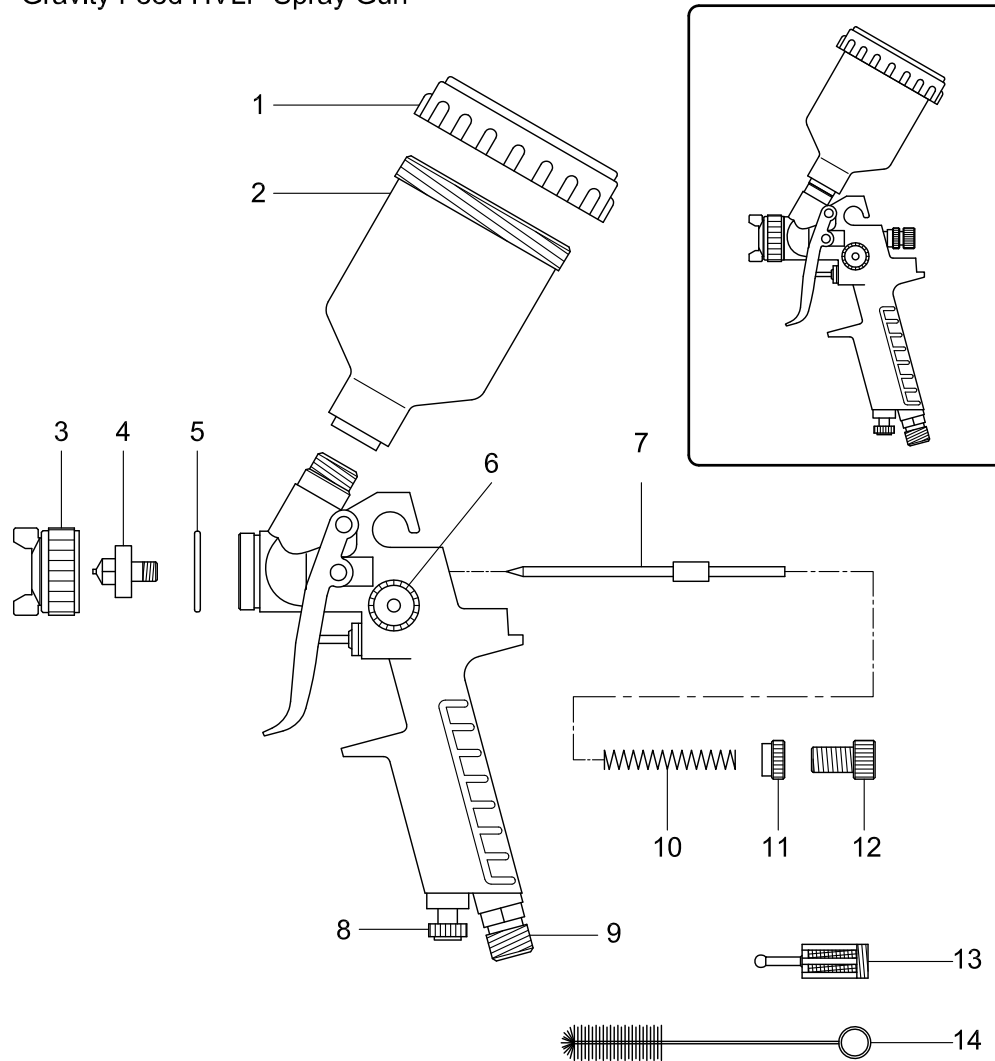


● PART LIST

Gravity Feed HVLP Spray Gun



NOTE: See www.SPARMAXair.com for other airbrush models.

OPTIONAL (Nozzle size: a: 0.5mm / b: 0.8 mm)

INDEX	DESCRIPTION	INDEX	DESCRIPTION	INDEX	DESCRIPTION
1	Cup cover	6	Pattern adjusting screw	11	Fluid control locking nut
2	Plastic cup	7	Fluid needle	12	Fluid control knob
3	Air cap	8	Air adjusting valve	13	Optional filter
4	Fluid nozzle	9	Airline connector (PS 1/4")	14	Brush
5	O-ring	10	Needle spring		

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1) Performance and equipment

Acid, various media solutions or paint can be applied to the Spray Gun. Due to a special design on the needle cap, over-spraying problem and particle size can be well controlled. The Spray Gun provides quality on particle size control and is suitable to quality demanding work under well ventilated workplace. The quality of the spray particle and the nozzle compares to that of a conventional high-pressure model.

The model applies an adjustable fan control with variable fan widths. A flow control node can be used to attain accurate amount of paint.

2) HVLP Spray Gun Requirement

Warning:

Never aim spray guns at yourself, people or animals. Solvents and thinners can cause injury. Prior to any repair work the unit must always be disconnected from all circuit. During painting, no open fire, lit cigarettes, non explosion proof bulbs etc. may exist since combustible fumes are present. During painting, breathing masks conforming to regulations must be worn for health protection.

1. Starting

Prior to any operation, especially repair work, the seating of screws must be checked and tightened as required. When repairing, always disconnect the gun from the air pressure circuit and release all pressure.

- Mount the nozzle set tightly (use universal wrench for the fluid nozzle), align the air nozzle so that the number stamped into it can be read from the front right way round.
- Before assembly, the air hose should be blown out. The air hose must be solvent-resistant able to stand a pressure of minimum 5 bars (75 psi) and show a total electric resistance 100 million Ohm.
- Prior to shipment, this gun was treated with an anticorrosive agent. Before using the gun, make sure that it is carefully solvent.
- When pulling the trigger, adjust the required atomization pressure. Make a spray pattern on paper to ensure that you use the right pressure and if it is necessary to change pressure accordingly.

2. Adjustment of fan width

To adjust fan width, rotate the pattern adjusting screw. The spray pattern can be altered from flat to round as required.

3. Reduction of material flow

Needle stroke and therefore material flow is infinitely reducible by turning the needle adjusting screw (unscrew needle adjusting nut, adjust and tighten the nut).

4. Regulating air flow with a micrometer

The air should be regulated extremely fine to suit all operational conditions. The air micrometer is located parallel to the spraying nozzle body. To adjust the air micrometer clockwise will diminish the airflow of fan, and vis-a-vis.

5. Exchange of self-tensioning packing

To replace fluid needle packing, disassemble needle cap and fluid nozzle before hand.

6. Cleaning and gun care

- After each use, flush the gun thoroughly with cleaning solvent.
- Clean fluid nozzle with brush provided. Do not immerse the gun in cleaning solvent.
- Blocked artifices should never be cleaned with improper objects; the smallest amount of damage will badly influence the spray pattern.
- To ensure maximum sealing the edge of cup must always be kept clean.
- Apply special grease to remove parts if necessary.