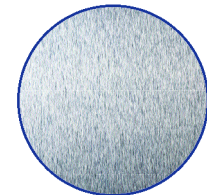
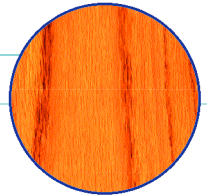
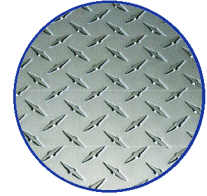
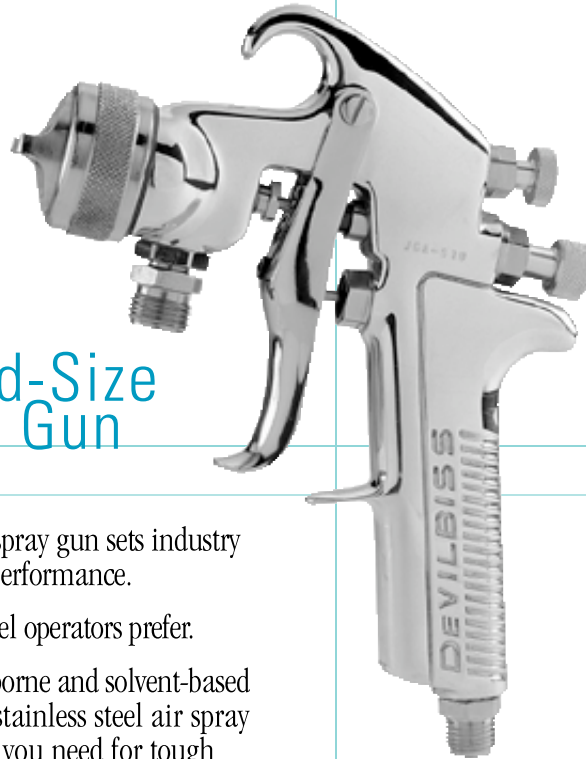


JGA Standard-Size Manual Spray Gun



- The JGA standard-size manual spray gun sets industry standards for high-production performance.
- Offers the comfortable fit and feel operators prefer.
- An economical option for waterborne and solvent-based material applications, the JGA stainless steel air spray gun delivers the quality results you need for tough applications.
- 300-grade stainless steel fluid passages offer waterborne compatibility, corrosion resistance and protection from harsh self-etching primers.

Ordering Informations.

The JGA standard-size spray gun is available with the following air cap and fluid tip set-ups, factory-assembled for immediate delivery. These are only the most popular set-ups.

These guns with fluid tip and needle can be ordered without air cap and retaining ring.

Part No.		Part No.	
JGA-510-30EX	JGA-510-765E	JGA-510-D	JGA-510-FF
JGA-510-64HDD	JGA-510-765FF	JGA-510-E	JGA-510-FW
JGA-510-704E	JGA-510-765FX	JGA-510-EX	JGA-510-FX
JGA-510-704FF	JGA-510-797FF		
JGA-510-704EX	JGA-510-80EX		
	JGA-510-797FX		

Technical Specifications:

Bty: Drop forged aluminum
 Weight: 21.6 oz. (613 gr) with air cap and ring
 Air Inlet: 100 psi (7 bar) max, 1/4" NPS (M)
 Fluid Inlet: 150 psi (10 bar) max, 3/8" NPS (M)
 Fluid Passages: 300-grade stainless steel
 Feed Type: Pressure feed
 (Material Supply) Suction feed (EX)
 Service Bulletin: **SB-2-252**
 Gun Repair Kit: **KK-4987-2**

JGA Standard-Size Manual Spray Gun

Chart 1 Fluid Tip (Nozzle), Air Cap and Needle Combinations

Air Cap Sizes Order From Chart 2	Fluid Tip and Needle Size Order From Chart 3								
	AC	D	E	EE	EX	FF	FX	FW	GX
Tip Orifice in./mm	.110 2.8	.086 2.2	.070 1.8	.070 1.8	.070 1.8	.055 1.4	.042 1.1	.063 1.6	.034 .9
24			P			P	P		
30			P		S	S	S	S	
58					S	P	P		P
62HD	P								
64HD		P							
67HD				P					
69HD		P							
80					S	S	S	S	
704			P			P	P		
765			P			P	P		
777			P			P			
797			P			P			
9000					S	S		S	S

P = Pressure Feed Combination S = Suction Feed Combinations



Refer to
Service Bulletin:
SB-2-246

JGHV™ Standard-Size Maximum Performer Manual HVLP Spray Gun

- A standard-size manual spray gun designed to maintain the comfortable fit and feel operators prefer.
- The high transfer efficiency enhances productivity and finish quality. Because more paint is applied on each pass, fewer passes may be required by the operator.
- Maximum Performer HVLP spray guns also meet the legislated VOC requirements of the California South Coast Air Quality Management District.
- 300-grade stainless steel fluid passages for waterborne compatibility.

Ordering Information

The JGHV Standard-Size Maximum Performer manual spray gun is available with the following air cap and fluid tip set-ups, factory assembled for immediate delivery.

Order No.	Air Usage
JGHV-531-33FF	18.5 CFM
JGHV-531-33FX	18.5 CFM
JGHV-531-46FF	22.5 CFM
JGHV-531-46FX	22.5 CFM
JGHV-531-83D	26 CFM
JGHV-531-83E	26 CFM

Air Caps—Patterns & Applications

Air Cap #	Typical Pattern Size & Shape*	Typical Application
33A	9" long, tapered ends similar to #30 air cap	Most common finishing materials up to 12 oz./min.
46MP	11" long, straight-sided similar to #704 air cap	Low VOC material 12 to 16 oz./min.
83MP	13" long, straight-sided similar to #765 air cap	Low VOC material 17 oz./min. & above

*Actual pattern length dependent upon fluid tip ID, fluid flow rate, viscosity, air pressure and fan pressure.

DEVILBISS®

JGHV-531 Manual HVLP Spray Gun
JGA-HVLP Classic Series Spray Guns

JGA-HVLP Classic Series Spray Guns Pressure Feed & Suction Feed

- 300-grade stainless steel fluid passages offer waterborne compatibility, corrosion resistance and protection from harsh self-etching primers.



Refer to
Service Bulletins:
Pressure Feed SB-2-187
Siphon Feed SB-2-248

Application Guide

- Maximum 8 oz./min. fluid flow.
- Lower solids coatings.
- Medium to high V.O.C. coatings (4.0-5.0 lbs./gal.)
- Smaller compressors – 3 h.p. is usually sufficient.
- Requires only 11 CFM at 10 PSI air cap pressure.
- Class "B" finish quality requirements.

Ordering Information

Pressure Feed: JGA-510-98FX

Siphon Feed*: JGA-510-57DE or JGA-510-57D

*Cup not included; order separately

Air Caps—Patterns & Applications

Air Cap #	Pattern Size*	Typical Application•	Feed Type
57	10 – 11" (22 cfm)	Low Solids: Enamels, Lacquers, Stains, Sealers, Primers	Suction Feed D (.086) DE (.070)
98	11-1/2" (11 cfm)	Low Solids: Enamels, Lacquers, Stains, Sealers, Primers	Pressure Feed FX (.042)

*Spray pattern size dependent upon type of feed, material viscosity and air cap pressure.

• Up to 24 seconds, #4 Ford Cup.

DEVILBISS®

DeVilbiss
195 Internationale Blvd.
Glendale Heights, IL 60139
630-237-5000
Toll-Free Customer Service
and Support: 800-992-4657
www.DeVilbiss.com

