

# DEVILBISS JGA

**Conventional  
Suction Feed  
Air Atomising  
Spray Gun**



- RENOWNED DEVILBISS ATOMISATION QUALITY
- GENUINELY FAST APPLICATION RATES
- STANDARD SETTING FIT, FEEL AND BALANCE.
- PRECISION ENGINEERED GUN BODY AND FITTINGS
- PRECISE AIR FLOW CONTROL AT THE GUN
- FORGED ALUMINIUM GUN BODY FOR LONG SERVICE LIFE
- REMOVEABLE AIR CAP RETAINING BAFFLE
- LIGHT SMOOTH TRIGGER ACTION TO REDUCE FATIGUE
- EXTENSIVE RANGE OF AIR CAPS, FLUID TIPS & NEEDLES

● The Devilbiss JGA is a manual high performance, conventional air atomising gun suitable for most liquid spray finishing and surface coating applications. A extensive range of Air Cap, Fluid Tip and Needle combinations is available (see table overleaf) to enable the gun to be used with virtually all industrial or refinish paints, coatings, lubricants, dyes, stains, varnishes lacquers and adhesives.

When the quantities of material being handled do not justify a remote supply then suction feed provides the ideal uncomplicated solution. The cup capacity is a generous 1 litre sufficient for most Refinishing or small scale Industrial applications.

The JGA has long been regarded around the world as the spray operators first choice and it has earned an enviable reputation for quality, performance, durability and precision control.



**DEVILBISS JGA**



BALL / CONE SEATING ENSURES CONCENTRICITY OF THE AIR CAP TO THE FLUID TIP



A REMOVEABLE AIR CAP BAFFLE EXTENDS THE GUN BODY SERVICE LIFE



AN AIR INLET FLOW VALVE ALLOWS AT-THE-GUN ADJUSTMENTS



THE TRIGGER HAS A LIGHT SENSITIVE MOVEMENT FOR MAXIMUM OPERATOR CONTROL

**JGA SUCTION FEED AIR CAP, FLUID TIP & NEEDLE SET UPS**

Air Cap		30	30	43	43	80	186	880	186
Fluid Tip mm		EX 1.8	FF 1.4	EX 1.8	FF 1.4	EX 1.8	FW 1.6	D 2.2	FF 1.4
Air Flow* 1/min (cfm)		275 (9.7)	275 (9.7)	345 (12.2)	345 (12.2)	334 (11.8)	331 (11.7)	345 (12.2)	331 (11.7)
Fluid Flow cc/min		380	330	290	250	420	220	450	180
Viscosity Din.4 cup seconds.		25-30	22-25	25-30	22-25	25-30	16-22	30+	16-22
Max Pattern size mm		215x63	215x63	241x51	241x51	279x51	254x51	305x63	254x51

\* Air Flows @ 3.5 bar (50 psi)

**Part No: JGA-694**  
 Finishers Gun & Cup Kit  
 or  
**JGA-614** Refinishers Gun & Cup Kit  
 Followed by fluid tip & set up.  
 eg: JGA-694EXL-186B

Built to withstand continuous production line duty the JGA gun body is produced in drop forged aluminium and the replaceable air cap retaining baffle eliminates the need to replace the gun body should the threads become worn or damaged. Devilbiss Air Caps, Fluid Tips and needles are made to exacting tolerances and the JGA produces finely atomised patterns with first class material distribution throughout the spray pattern .

Spray pattern and fluid flow adjustments are precise, easy to use and for maximum control of the spraying operation at the gun the JGA incorporates a precision air flow valve adjacent to the air inlet connection. This valve provides fingertip adjustment to achieve the correct balance of air and fluid flow. It can also be used to restrict pressure for touch-in or delicate operations.

Suction feed JGA guns are available in ready-to-spray 'Finishers' or 'Refinishers Kits' complete with accessory items and your choice of Air Cap, Fluid Tip and Needle. These kits include a 1 litre suction cup complete with a drip-free diaphragm.

A DEVILBISS SERVICE KIT PROVIDES ALL THE COMPONENT PARTS AND CLEANING/LUBRICATION ITEMS TO KEEP YOUR JGA GUN IN FIRST CLASS WORKING ORDER. REPLACEMENT FLUID TIPS AND NEEDLES ARE INCLUDED SO YOUR CHOICE OF SET UP MUST BE SPECIFIED.



**JGA SUCTION FEED SPRAY GUN**

Air Inlet Connector 1/4 BSP (M) or 1/4 NPS (M)  
 Fluid Inlet Connector 3/8" BSP (M) or 3/8" NPS (M)  
 Net weight 1153 grams  
 Air Consumption See Air Cap table



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