



## Accessories for DeVilbiss HVLP and Conventional Air Spray Guns

*Spray Guns • Air Caps • Fluid Tips and Needles • Paint Cups  
Air Control Accessories • Air and Fluid Filters • QD's • Parts Kits*

**DEVILBISS**  
The Right Way To Finish™



# Maximum Performer HVLP Technology

*The finest, most consistent atomization you can get.*

## Maximum Performer

## Classic Series

## Conventional Series

## Accessories



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NOTE: DeVilbiss HVLP spray guns are protected by one or more of the following patents:  
 Patent # 5,209,405  
 Patent # 5,090,623  
 Patent # 5,344,078

## Maximum Performer Features and Benefits

The DeVilbiss Maximum Performer™ spray guns deliver the finest, most consistent atomization, no matter what materials you spray – from low VOC enamels and polyurethanes to waterborne furniture and other topcoats.

Maximum Performer HVLP spray guns meet the legislated VOC requirements of the California South Coast Air Quality Management District.



- 5 Redesigned trigger strike pad makes trigger action smoother and extends air valve life.
  - Cartridge-type air valve is designed for positive sealing and quick triggering action.
  - All gun components have been life cycle tested to ensure reliability in production environments.

### Performance

- 6 GoldMax™ air caps and special fluid tip, needle and baffle combinations provide unparalleled atomization.
  - Collectively, DeVilbiss Maximum Performer spray guns can handle more than 90% of the materials and coatings being applied today, including higher solids materials and higher fluid flows.

- 7 Long-life needle packings require fewer adjustments.

### Easy to Use

- 8 Light trigger action for easy operation and comfort.
- 9 Knurled knobs for easy adjustment of pattern and fluid flow.
- 10 1/4" air inlet connects to any standard compressor system.

### Reduce Operating Costs. Enhance Productivity.

High-volume low-pressure (HVLP) atomization uses a low-velocity air stream to deliver a more controlled spray pattern. As a result, there's improved transfer efficiency, less overspray and bounceback. It also means decreased paint consumption, which reduces spray booth maintenance, filter replacement, waste disposal and material costs.

The high transfer efficiency of HVLP also enhances productivity and finish quality. Because more paint is applied on each pass, fewer passes may be required by the operator.

### Durability

- 1 300-grade stainless steel fluid passages offer waterborne compatibility, corrosion resistance and protection from harsh, self-etching primers.
  - Dual-seal fluid inlet assures a positive seal.
- 2 Drop forged aluminum standard size gun bodies are strong, durable and lightweight.
- 3 Lightweight and precision-balanced for operator comfort.
  - Maximum Performer spray guns are sized to fit both the operator and the application, with standard-size, mid-size, detail/touch-up and automatic models available.

### Maintenance

- 4 Replaceable anodized aluminum baffle with air cap retaining ring threads eliminates the need to replace the gun body should threads become damaged.
  - Simple, straightforward design for easy care and maintenance.
  - Economical replacement parts are available and easy to install.

# Classic Series HVLP Features and Benefits

## Durability

- 1 300-grade stainless steel fluid passages offer waterborne compatibility, corrosion resistance and protection from harsh, self-etching primers.
  - Dual-seal fluid inlet assures a positive seal.
- 2 Drop forged aluminum gun bodies are strong, durable and lightweight.

## Maintenance

- 3 Replaceable baffle with anodized aluminum air cap retaining ring threads eliminates the need to replace the gun body, should threads become damaged.
  - Simple, straightforward design for easy care and maintenance.
  - Economical replacement parts are the same as those for the popular JGA gun.

- 4 Redesigned trigger strike pad makes trigger action smoother and extends air valve life.
  - Cartridge-type air valve is designed for positive sealing and quick trigger action.
  - All gun components have been life cycle tested to ensure reliability in production environments.

## Performance

Lightweight and precision-balanced for operator comfort.

- Classic Series spray guns are sized to fit both the operator and the application, in standard-size and mid-size models.

- 6 Long-life needle packings.

## Easy to Use

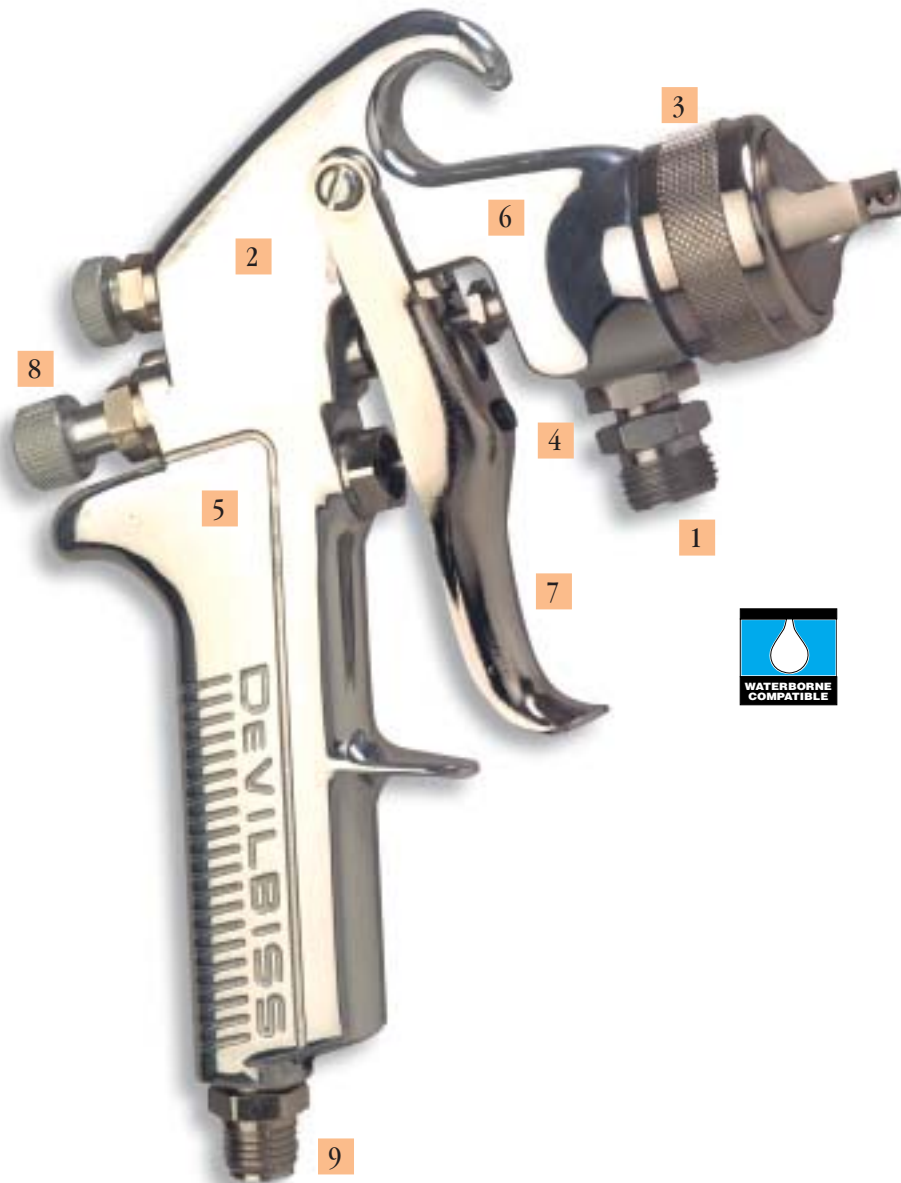
- 7 Light trigger action for easy operation and comfort.
- 8 Knurled knobs for easy adjustment of pattern and fluid flow.
- 9 1/4" air inlet connects to any standard compressor system.

## Reduce Operating Costs.

### Enhance Productivity.

High-volume low-pressure (HVLP) atomization uses a low-velocity air stream to deliver a more controlled spray pattern. As a result, there's improved transfer efficiency, less overspray and bounceback. It also means decreased paint consumption, which reduces spray booth maintenance, filter replacement, waste disposal and material costs.

The high transfer efficiency of HVLP also enhances productivity and finish quality. Because more paint is applied on each pass, fewer passes may be required by the operator.





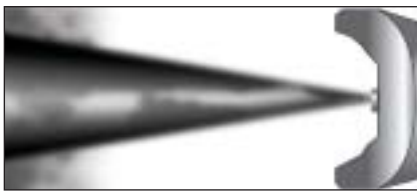
# Classic Series HVLP Technology

*Increase productivity and quality as you cut operating costs.*

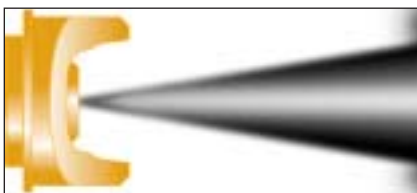
High-volume low-pressure (HVLP) atomization uses a low-velocity air stream to deliver a more controlled spray pattern.

The result? Improved transfer efficiency, less overspray and reduced bounceback – and that means a cleaner environment for the operator, with greater visibility and reduced operator error. It also means decreased paint consumption, which reduces spray booth maintenance, filter replacement, waste disposal and materials costs.

The high transfer efficiency of HVLP also enhances productivity and finish quality – because more material is applied on each pass, fewer passes are required by the operator.



*High Pressure Spray (Conventional Air Spray)*



*Low Pressure Spray (HVLP)*

*NOTE: DeVilbiss HVLP spray guns are protected by one or more of the following patents:*

*Patent # 5,209,405*

*Patent # 5,090,623*

*Patent # 5,344,078*

## Classic Series HVLP Spray Guns

The DeVilbiss line of Classic Series spray guns provides HVLP performance in four widely used gun models:

- *A pressure feed spray gun designed to maintain the comfortable fit and feel operators prefer.*
- *A model that combines the advantages of gravity feed fluid flow with the quality and performance of HVLP.*
- *An all-purpose suction feed HVLP spray gun.*

Ideal for low to medium flow rates, Classic Series HVLP spray guns are designed to handle most common lower solids coatings, such as stains, sealers, primers, enamels, and lacquers.

# HVLP Air Cap Test Kits\*



\* Air cap test kits may be required by some air quality agencies. These kits are supplied with a special air cap and test gauge to demonstrate actual pressure being used at the cap since it will vary depending on hose length between the air regulator and gun.

This kit can be used as a quality control device for consistent spraying each day. The cap kit should not be used when finishes are being applied.

- **KK-5033-33A** Air Cap Test Kit – Includes air cap and gauge, for use with #33A air caps only.
- **KK-5033-46MP** Air Cap Test Kit – Includes air cap and gauge, for use with #46MP air caps only.
- **KK-5033-83MP** Air Cap Test Kit – Includes air cap and gauge, for use with #83MP air caps only.
- **KK-5033-90HV** Air Cap Test Kit – Includes air cap, gauge and ring, for use with #90HV air caps only.
- **KK-5043** Air Cap Test Kit – Includes air cap and gauge, for use with #397HV air caps only.

- **KK-5033-98** Air Cap Test Kit – Includes air cap and gauge, for use with JGA-HVLP spray gun using #98 air cap.
- **KK-5033-57** Air Cap Test Kit – Includes air cap and gauge, for use with JGA-HVLP suction feed spray guns using #57 air caps.

# HVLP Fluid Tips and Needles

## Maximum Performer

NUMBER ON FLUID TIP	ORDER TIP AND NEEDLE SET
<i>For JGHV and MSV</i>	
AV-2115-FE, FX	JGA-4040-FE, FX <sup>(1)</sup>
AV-2120-D, E, FE, FX	JGA-4045-D, E, FE, FX <sup>(1)</sup>
AV-4915-D, E, FE, FX, G	JGA-4056-D, E, FE, FX, G <sup>(2)</sup>
AV-4920-D, E, FE, FX	JGA-4051-D, E, FE, FX <sup>(2)</sup>
<i>For AGXV</i>	
AV-2115-FE, FX	AGX-4402-FE, FX <sup>(1)</sup>
AV-2120-D, E	AGX-4483-D,E <sup>(1)</sup>
AV-2120-FE, FX	AGX-4600-FE, FX <sup>(1)</sup>
AV-4915-E, FE, FX	AGX-4300-E, FE, FX <sup>(2)</sup>
AV-4920-D, E, FE, FX	AGX-4613-D, E, FE, FX <sup>(2)</sup>
<i>For EGHV</i>	
EGA-60-E,F	EGA-4000-E, F <sup>(1)</sup>
<i>For TGHV</i>	
CV-30-F-HV	TGHV-4000-F <sup>(5)</sup> TGHV-4001-F <sup>(3)</sup>


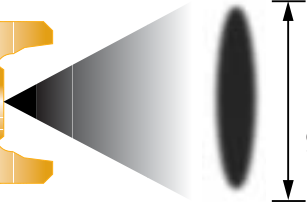

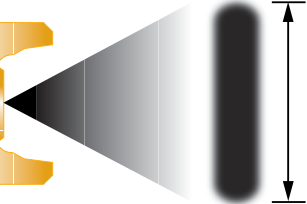

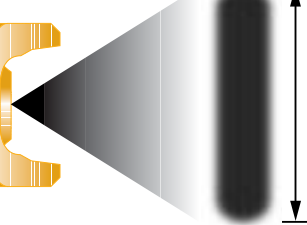
## Classic Series

NUMBER ON FLUID TIP	ORDER TIP AND NEEDLE SET
<i>For JGA-HVLP (Pressure)</i>	
AV-2115-FX	JGA-4040-FX <sup>(1)</sup>
AV-4915	JGA-4056-FX <sup>(2)</sup>
<i>For GFG-HVLP</i>	
AV-2125-DFE	JGA-4046-14 <sup>(6)</sup>
AV-2125-DFW	JGA-4046-16 <sup>(6)</sup>
AV-2125-DE	JGA-4046-18 <sup>(6)</sup>
<i>For JGA-HVLP (Suction)</i>	
AV-2125-DE	JGA-4046-18 <sup>(6)</sup>
AV-2125-D	JGA-4046-22 <sup>(6)</sup>

- (1) 400-grade stainless steel, Fluid Tip, 303-grade S.S. Needle (matched set)
- (2) 300-grade stainless steel with U.H.M.W. polyethylene seat in fluid tip (matched set).
- (3) Acetal and 300 stainless tip.
- (4) Composite sprayhead, 400-grade stainless steel needle with U.H.M.W. polyethylene tip.
- (5) 300-grade stainless steel (matched set).
- (6) 400-grade stainless steel Fluid Tip, 303 grade S.S. Needle (matched set).

# HVLP Air Cap & Tip Selection Chart

*JGHV, MSV and AGXV*

TYPICAL COATINGS USED WITH	TYPICAL SOLIDS BY VOLUME VISCOSITIES*	AIR CAP MODEL NO. PART NO.	AIR VOLUME (AT 10 psi AIR CAP PRESSURE)	TYPICAL FLUID FLOW RATES	PATTERN SIZE**	RECOMMENDED FLUID TIPS
Low solids automotive finishes, enamels, lacquers, stains, sealers, etc.	Low solids up to 25% solids by volume  Up to 24 seconds, #4 Ford cup	#33A JGHV-101-33A	 18.75 CFM	Up To 12 oz./min.	 9"	FF (.055") or FX (.042")
Medium solids enamels, urethanes, solvent and waterborne furniture topcoats, waterborne automotive OEM finishes, corrosion protective coatings, leather stains, acrylics, epoxies, etc.	Low-medium solids, up to 50% solids by volume  Up to 28 seconds, #4 Ford cup	#46 MP JGHV-101-46MP	 22.5 CFM	12-16 oz./min	 11"	FF (.055") or FX (.042")
Medium-high solids enamels, urethanes, low VOC waterborne furniture topcoats, porcelain enamel, corrosion protective coatings, acrylics, epoxies, etc., architectural and industrial maintenance coatings.	Medium-high solids, up to 72% solids by volume  Over 28 seconds, #4 Ford cup	#83 MP JGHV-101-83 MP	 26.0 CFM	Over 16 oz./min.	 13"	E (.070") or D (.086")

\* Viscosity Cup Reference

18 Seconds #4 Ford = 22 Seconds ZAHN #2

22 Seconds #4 Ford = 24 Seconds ZAHN #2

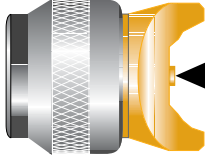
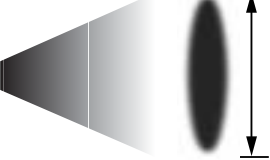
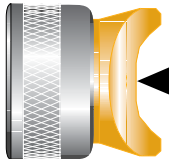
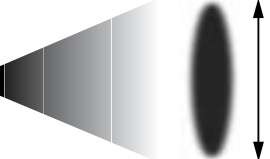
28 Seconds #4 Ford = 30 Seconds ZAHN #2

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


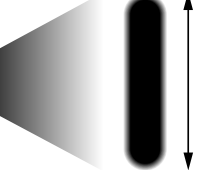

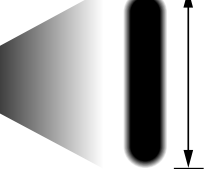
Note: MBC-368 Retaining ring must be ordered separately.

# HVLP Air Cap & Tip Selection Chart

## EGHV and TGHV

TYPICAL COATINGS USED WITH	TYPICAL SOLIDS BY VOLUME VISCOSITIES*	AIR CAP MODEL NO. PART NO.	AIR VOLUME (AT 10 psi AIR CAP PRESSURE)	TYPICAL FLUID FLOW RATES	PATTERN SIZE**	RECOMMENDED FLUID TIPS
Detail, touch-up enamels, lacquers, etc.	Low solids, up to 25% solids by volume  Up to 24 seconds, #4 Ford cup	#397HV EGHV-439-397HV	 8.8 CFM	Up to 6 oz./min.	 Up to 6"	E (.070")
Detail, touch-up enamels, lacquers, etc.	Low solids, up to 25% solids by volume  Up to 24 seconds, #4 Ford cup	#90HV CV-39-90HV	 6.7 CFM	Up to 4 oz./min.	 Up to 5"	F (.041")

## JGA-HVLP

TYPICAL COATINGS USED WITH	TYPICAL SOLIDS BY VOLUME VISCOSITIES*	AIR CAP MODEL NO. PART NO.	AIR VOLUME (AT 10 psi AIR CAP PRESSURE)	TYPICAL FLUID FLOW RATES	PATTERN SIZE**	RECOMMENDED FLUID TIPS
Most common low solids coatings, i.e. enamels, lacquers, stains, sealers, primers, waterbornes, etc.	Low solids, up to 30% solids by volume  Up to 24 sec., #4 Ford cup	#98 JGHV-101-98	 11 CFM	Up To 8 oz./min.	 11 1/2"	Pressure Feed • FX (.042")
Most common low solids coatings, i.e., automotive finish materials, enamels, lacquers, stains, sealers, primers, waterbornes, etc.	Low solids, up to 30% solids by volume  Up to 24 sec., #4 Ford cup	#57 JGHV-101-57	 22 CFM	Up to 12 oz./min. (gravity) 8 oz./min. (suction)	 10" - 11"	Suction Feed • D (.086") • DE (.070")

\* Viscosity Cup Reference: 18 Seconds #4 Ford = 22 Seconds ZAHN #2  
22 Seconds #4 Ford = 24 Seconds ZAHN #2  
28 Seconds #4 Ford = 30 Seconds ZAHN #2

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

# Conventional Series Features and Benefits

## Durability

- 1 300-grade stainless steel fluid passages offer waterborne compatibility, corrosion resistance and protection from harsh, self-etching primers.
- 2 Drop forged aluminum gun bodies are strong, durable and lightweight.
- 3 Trigger strike pad makes trigger action smooth and extends air valve life.
- 4 Trigger is designed with reinforced wear points.
- 5 All gun components have been life cycle tested to ensure reliability in production environments.
- 6 Long-life needle packings.

## Performance

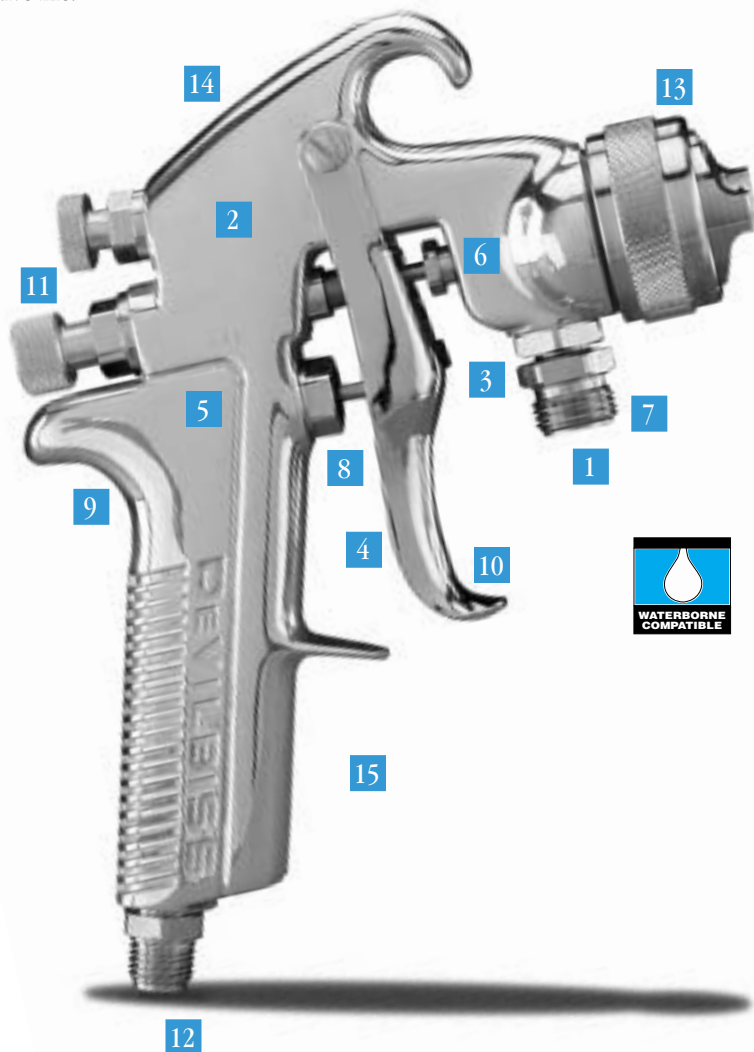
- 7 Dual-seal fluid inlet assures a positive seal.
- 8 Cartridge-type air valve is designed for positive sealing and quick trigger action.
- 9 Lightweight and precision-balanced for operator comfort.
  - Sized to fit both the operator and the application, in standard-size and mid-size models.

## Easy to Use

- 10 Large “two-finger” trigger provides light trigger action for easy operation and comfort.
- 11 Knurled knobs for easy adjustment of pattern and fluid flow.
- 12 1/4" air inlet connects to any standard compressor system.

## Maintenance

- 13 Replaceable baffle with aluminum air cap retaining ring threads eliminates the need to replace the gun body, should threads become damaged.
- 14 Simple, straightforward design for easy care and maintenance.
- 15 Economical replacement parts are available and easy to install.





# Selecting the Air Cap, Fluid Tip and Needle

The air cap directs compressed air into the material stream to atomize the fluid and form the spray pattern. The fluid tip and needle meter direct the flow of material from the gun into the air stream.

Because they all affect the quality of the spray pattern, the air cap, fluid tip and needle are usually selected as a unit. Together, these three items are referred to as the nozzle combination.

## Types of Air Caps

Air caps are defined by their methods of delivering and mixing the spray finishing materials. Delivery methods include pressure feed, suction feed and gravity feed. *Chart 1 depicts flow rate range, fluid tip size and recommended air caps for a typical product finish. See page 28 for more air cap details.*

## Types of Fluid Tips

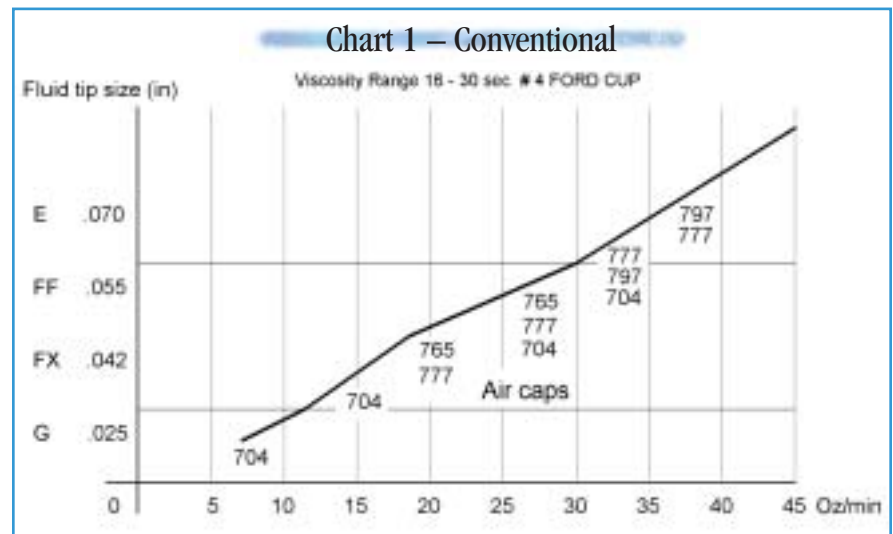
Fluid tips are made from a variety of metals. The application determines the type of fluid tip to use. Stainless steel tips are ideal for corrosive materials. The

standard tip on most DeVilbiss guns is 400-grade stainless steel; 300-grade “premium” fluid tips with U.H.M.W. polyethylene insert (needle seat) are also available. We also offer carbolloy fluid tips for extremely abrasive materials.

The amount of material discharged from a pressure feed gun depends on a number of factors: the material viscosity, the fluid tip inside diameter, the length and size of hose, and the pressure on the material. Generally, the larger the opening, the more material discharged.

However, if the fluid tip is too large, the operator will lose control over the material discharge. And if the fluid tip opening is too small, the discharge velocity will be too high. This means the air coming from the cap will not atomize the material properly, and the pattern will be distorted.

With a suction feed gun, the fluid flow in ounces per minute is relatively stable because it is determined by atmospheric pressure. It is also determined by the material viscosity and air cap pressure.



**Chart 2 – Flow Rates for Fluid Tips**

Fluid Tip	ID Size in (mm)	Flow Rate Or Material
<b>Pressure Feed</b>		
G	.028" (.70)	Up to 12 oz./min.
GX	.034" (.85)	Up to 16 oz./min.
F	.041" (1.0)	Up to 18 oz./min.
FX	.042" (1.1)	Up to 20 oz./min.
FF	.055" (1.4)	Up to 30 oz./min.
FW	.062" (1.6)	Up to 35 oz./min.
E	.070" (1.8)	40 oz./min. and over
EE	.070" (1.8)	Porcelain enamel
D	.086" (2.2)	Heavy-body materials
AC	.110" (2.8)	Heavy-body materials
<b>Suction Feed</b>		
EX	.070" (1.8)	Up to 12 oz./min.
<b>Gravity Feed</b>		
FF	.055" (1.4)	Up to 12 oz./min.
FW	.062" (1.6)	Up to 14 oz./min.

# Air Cap Selection Guide

TYPICAL MATERIALS	VISCOSITY RANGE <sup>(1)</sup>			AIR CAP MODEL NO.	AIR CAP PART NO.	OPERATING RANGE		TYPICAL PATTERN SIZE IN. (MM)	FLUID TIP NO. & SIZE IN. (MM)	TYPE OF FEED <sup>(2)</sup>
	LOW	MED	HIGH			PSI	SCFM			
Adhesives		•	•	24	AV-40-24 <sup>(3)</sup>	50	14	4-7 (100-175)	D .086 (2.2) E .070 (1.8) FF .055 (1.4)	P
Enamels, Lacquers, Metallics	•	•		30	MB-4039-30 <sup>(9)</sup>	50	12	8-10 (200-250)	EX .070 (1.8) FF .055 (1.4) FX .042 (1.1)	S
Gen. Purpose	•	•		35L	AV-1239-35L <sup>(4)</sup>	50	4.8	4-6 (100-150)	E .070 (1.8) FF .055 (1.4) FX .042 (1.1)	P, S
Gen. Purpose, Enamels, Lacquers	•			58	AV-439-58 <sup>(9)</sup>	40	6	9 (225)	E .070 (1.8) EX .070 (1.8) FF .055 (1.4) FX .042 (1.1)	P, S
Heavy Body			•	62HD	MB-4039-62HD <sup>(9)</sup>	80	19	8 (200)	AC .110 (2.8)	P
Porcelain Glazes			•	64HD	MB-4039-64HD <sup>(9)</sup>	80	22	13-14 (325-350)	D .086 (2.2)	P
Porcelain Glazes			•	67HD	MB-4039-67HD <sup>(9)</sup>	50	17	13 (325)	EE .070 (1.8)	P
Porcelain Glazes			•	69HD	MB-4039-69HD <sup>(9)</sup>	50	19	14 (350)	D .086 (2.2)	P
Gen. Purpose, Enamels, Lacquers	•	•		80	MB-4039-80 <sup>(9)</sup>	60	14	13 (325)	EX .070 (1.8) FW .062 (1.6) FF .055 (1.4)	S, G
Gen. Purpose, All Finishes		•		704	AV-1239-704 <sup>(3)</sup>	70	21	10-12 (250-300)	E .070 (1.8) FF .055 (1.4) FX .042 (1.1)	P
Metallics, High Solids		•	•	765	AV-1239-765 <sup>(3)</sup>	80	22	15 (375)	E .070 (1.8) FF .055 (1.4)	P
Automotive, High Solids, Base/Clear Coats, Urethanes		•	•	777	31767-777 <sup>(3)</sup>	70	23	13-14 (325-350)	E .070 (1.8) FF .055 (1.4)	P
Automotive, Metallics High Solids		•	•	797	AV-1239-797 <sup>(3)</sup>	70	21	17 (425)	E .070 (1.8) FF .055 (1.4)	P
Gen. Purpose, Automotive Finishes	•	•	•	9000	AV-440-9000 <sup>(9)</sup> AV-9000 <sup>(10)</sup>	45	12	10 (250)	FW .062 (1.6) FF .055 (1.4)	G, S
Gen. Purpose, Stains, Lacquer Sealers	•			90 <sup>(7)</sup>	CV-39-90 <sup>(5)</sup>	40	4	4.5 (112)	F .042 (1.1)	P, S
Heavy Body, Primers		•	•	92 <sup>(7)</sup>	CV-439-92 <sup>(9)</sup>	50	6	4.5 (112)	E .070 (1.8)	P, S
Detail, Touch-Up, Stains, Lacquer	•			390 <sup>(8)</sup> 395 <sup>(8)</sup>	EGA-40-390 <sup>(6)</sup> EGA-439-395 <sup>(9)</sup>	30 40	3 5	3 (75) 6 (150)	F .042 (1.1) E .070 (1.8)	P, S P, S

- (1) Viscosity Cup Reference: Low = Up to 23 Seconds ZAHN #2  
Medium = 23-28 Seconds ZAHN #2  
High = 28+ Seconds ZAHN #2
- (2) Type of Feed Reference: G = Gravity  
P = Pressure  
S = Suction
- (3) Retaining Ring Required: Part No. MBC-368 or MSA-1
- (4) Retaining Ring Required: Part No. MSA-1 or MBC-368
- (5) Retaining Ring Required: Part No. TGA-31
- (6) Retaining Ring Required: Part No. EGA-11
- (7) Used with AGF-506 Automatic Spray Gun
- (8) Used with EGA-503 Manual Spray Gun
- (9) Includes Retaining Ring
- (10) Retaining Ring Required: Part No. MBC-368 or MSA-1

## Conventional Air Spray Guns

	GUN MODEL	CONSTRUCTION USAGE/MATERIALS	FEED TYPE	BODY	WETTED PARTS
<i>Manual Spray High Production</i>	JGA-510, MSA-510•	General Purpose, Standard Finishes	Pressure Suction	Drop-Forged Aluminum	300, 400-Grade Stainless Steel
<i>Manual Spray Special Purpose</i>	EGA-503	Detail, Touch-Up, Standard Finishes	Pressure Suction	Drop-Forged Aluminum	300, 400-Grade Stainless Steel Aluminum
<i>Automatic Spray</i>	AGX-550	Most Common Materials	Pressure Circulating	Machined Aluminum	300, 400-Grade Stainless Steel Teflon®
	AGX-552	Abrasive Materials	Pressure Circulating	Machined Aluminum	300, 400-Grade Stainless Steel Carbolloy, Teflon®
	AGX-553*	Waterbornes, Mildly Abrasive/Corrosive Mtrls.	Pressure Circulating	Machined Aluminum	300-Grade Stainless Steel Teflon®
	AGF-506	Compact, Standard Finishes	Pressure	Cast Alloy (Aluminum)	400-Grade Stainless Steel, Aluminum

\* Models include "premium" fluid tip constructed of 300-grade stainless steel with U.H.M.W. polyethylene insert (needle seat) for extended service life.  
• Plated brass.

# Fluid Tip and Needle Selection Guide

GUN MODEL	FLUID TIP NO. & SIZE IN. (MM)	TIP PART NO. <sup>(1,2)</sup>	NEEDLE PART NO. <sup>(3)</sup>	MATCHED SET PART NO.
<b>400-Grade Stainless Steel Tips and 303-Grade Stainless Steel Needles</b>				
JGA-510	AC .110 (2.8)	AV-650-AC	JGA-402-C	JGA-4040-AC
MSA-510	D .086 (2.2)	AV-650-D	JGA-402-DEX	JGA-4040-D
	E .070 (1.8)	AV-650-E	JGA-402-E	JGA-4040-E
	EX .070 (1.8)	AV-650-EX	JGA-402-DEX	JGA-4040-EX
	FF .055 (1.4)	AV-650-FF	JGA-402-FF	JGA-4040-FF
	FW .062 (1.6)	AV-650-FW	JGA-402-FF	JGA-4040-FW
	FX .042 (1.1)	AV-650-FX	JGA-402-FX	JGA-4040-FX
	GX .027 (.7)	AV-650-GX	JGA-402-GX	JGA-4040-GX
MBC-510	AC .110 (2.8)	AV-650-AC	MBC-496-C	—
	D .086 (2.2)	AV-650-D	MBC-496-DEX	MBC-4395-D
	E .070 (1.8)	AV-650-E	MBC-444-E	MBC-4395-E
	EX .070 (1.8)	AV-650-EX	MBC-496-DEX	—
	FF .055 (1.4)	AV-650-FF	MBC-444-FF	MBC-4395-FF
	FX .042 (1.1)	AV-650-FX	MBC-444-FX	MBC-4395-FX
EGA-503	E .070 (1.8)	—	—	EGA-4000-E
	F .042 (1.1)	—	—	EGA-4000-F
AGX-550	AC .110 (2.8)	—	—	AGX-4402-AC
	D .086 (2.2)	—	—	AGX-4402-D
	E .070 (1.8)	—	—	AGX-4402-E
	FF .055 (1.4)	—	—	AGX-4402-FF
	FX .042 (1.1)	—	—	AGX-4402-FX
	G .027 (.7)	—	—	AGX-4402-G
AGF-506	E .070 (1.8)	CV-30-E	AGF-404-E	—
	F 0.42 (1.1)	CV-30-F	AGF-404-F	—
<b>300-Grade Stainless Steel Tips and Needles (Tip includes U.H.M.W. polyethylene insert)</b>				
JGA-510	D .086 (2.2)	—	JGA-402-DEX	JGA-4056-D
MSA-510	E .070 (1.8)	—	JGA-402-E	JGA-4056-E
	FF .055 (1.4)	—	JGA-402-FF	JGA-4056-FF
	FX .042 (1.1)	—	JGA-402-FX	JGA-4056-FX
	G .027 (.7)	—	JGA-421-G	JGA-4056-G
AGX-553	E .070 (1.8)	—	—	AGX-4300-E
	FF .055 (1.4)	—	—	AGX-4300-FF
	FX .042 (1.1)	—	—	AGX-4300-FX
MBC-510	D .086 (2.2)	—	—	MBC-4397-D
	E .070 (1.8)	—	—	MBC-4397-E
	FF .055 (1.4)	—	—	MBC-4397-FF
<b>Carbolloy Tips and Needles</b>				
JGA-510	AC .110 (2.8)	AV-617-AC	JGA-402-C <sup>(4)</sup>	—
MSA-510	D .086 (2.2)	AV-617-D	JGA-409-D	—
	EE .070 (1.8)	AV-617-EE	JGA-409-DEEE	—
	FF .055 (1.4)	AV-617-FF	JGA-409-FF	—
AGX-552	D .086 (2.2)	—	—	AGX-4410-D
	EE .070 (1.8)	—	—	AGX-4410-EE
	FF .055 (1.4)	—	—	AGX-4410-FF

## Fluid Tip Replacement Guide

To assure a leak-free seal, matched tip and needle sets are recommended (see selection chart). However, you can also order individual tips with gaskets. To replace an individual fluid tip, point the tip straight up and look for the part number on the outermost surface.

OLD TIP NO.	ORDER NEW TIP/GASKET NO.
AV-15-xx	AV-650-xx
AV-1115-xx	AV-650-xx
AV-1415-xx	AV-617-xx
AV-2115-xx	AV-650-xx

xx = Insert letters to indicate the fluid tip size:  
G, GX, FX, FF, E, EE, EX, D, AC or FX.

- (1) AV-601 and AV-641 fluid tips have been replaced by the AV-650 tip.
- (2) To order AV tip replacements, refer to the Fluid Tip Replacement Guide on this page.
- (3) Fluid Needles are 303-Grade Stainless Steel
- (4) S.S. Needle

# Pressure, Suction and Gravity Feed Cups



**Stainless Steel Pressure Feed Cup**  
KB-545-SS

**Aluminum Pressure Feed Cup**  
KB-555

KB II Series 2-quart cups feature a “pistol grip” carrying handle, and right- or left-handed design for comfort and ease of handling. An easy-open lid and wide cup mouth allow for fast filling and cleanup. KB II Series cups also feature a solvent-resistant check valve, a 0-30 psi air gauge and a wide base for greater stability.

KB II Cups are supplied with disposable cup liners, which reduce clean-up and solvent use. The unique lid liner also protects the underside of the lid, preventing check valve problems. Order KK-5051 (Box of 20 Liners).

Typical use: Ideal for a wide variety of materials and a broad range of fluid flows. Fluid pressure range of 2-30 psi.

- KB-545-SS stainless steel cup is designed for use with waterbornes, halogenated hydrocarbons and other corrosive materials.
- KB-555 aluminum cup is compatible with most coating materials and solvents.

Air/Fluid Hose: Order assemblies separately. Part KB-4006 for 6' hose lengths.

## Paint Cup Gasket Kit

Cup Model	KB II Series
Gasket Type	Santoprene
Kit Part No.	KB-80-K5 (pkg. of 5)



**Teflon-Lined Suction Cup**  
TLC-555

Aluminum 1-quart cup featuring a Teflon® lining for fast, easy cleaning and reduced color contamination. The lid design has a two-position valve which allows for operation as a “drip-free” cup or as a conventional suction cup. For use with all suction feed spray guns.



**Stainless Steel Suction Cup**  
TSC-595

Made from 300-grade stainless steel, this 1-quart cup is designed for use with water-based materials and exempt solvents. The .030" wall thickness makes it more durable than competitive cups, yet it is still lightweight. And the fluid tube is stainless steel for added durability and corrosion resistance.

## Low Pressure Cups



**TLC-576\***  
Aluminum 1-quart low pressure, Teflon®-lined for fast, easy cleaning.  
**TSC-591\***  
Stainless steel 1-quart low pressure.

\* Requires KK-4980 for cup air regulation (order separately).



**20 oz. Acetal Gravity Feed Cup**  
GFC-501 – 20-oz. Cup (Delrin)

**1 Liter Aluminum Gravity Feed Cup**  
GFC-502 – 32-oz. Gravity Cup (Alum.)

DeVilbiss gravity feed cups are made of strong, lightweight acetal, or aluminum for durability. In addition, an integral drip check in the cup lid virtually eliminates leaks from the vent hole. These cups can be used with E-Z Liner™ disposable cup liners (shown below), which reduce clean-up time and solvent use.

## Gravity Cup Lids for GFC-502

GFC-404-K2 Disposable Lid Kit (for GFC-502 Gravity Cup only) (Kit of 2)



## E-Z Liners

OMX-70-K48 E-Z Liner Kit (48 liners and bushings)  
OMX-70-K8 E-Z Liner Kit (8 liners and bushings)

## TLC & TSC Paint Cup Gasket Kit

These kits contain replacement gaskets for TLC and TSC pressure and suction feed cups.

Cup Model	TLC, TSC
Gasket Type	Tri-Seal
Kit Part No.	TGC-9-K5 (pkg. of 5)



# Pressure, Suction and Gravity Feed Cups

(Continued)



**1-Quart Aluminum Suction Cup**  
TGC-545



**1-Pint Aluminum Suction Cup**  
TGC-536



**8 oz. Polyethylene Suction Cup**  
TGS-503

Aluminum suction cups incorporate a two-position valve, which allows for operation as a “drip-free” cup or as a conventional suction feed cup. Smooth metal surfaces make cleanup and changeovers fast and easy. For use with all suction feed spray guns.

This 8 oz. cup combines an engineered resin lid with a translucent polyethylene cup that lets you see the liquid level. Lightweight and easy to clean, the non-staining cup has molded-in graduations for mixing ratios. Compatible with all solvents, it fits any suction feed gun with 1/4" NPS threads. Use an AD-404 adapter to adapt to spray guns with 3/8" NPS (M) inlets.

## TGC Paint Cup Gasket Kit

These kits contain replacement gaskets for TGC suction feed cups.

Cup Model TGC  
Gasket Type Tri-Seal  
Kit Part No. TGC-9-K5 (pkg. of 5)

## Paint Cup Selection Guide

COMPLETE CUP ASSEMBLY PART NO.	CAPACITY	MATERIAL	FLUID CONNECTION	CUP ONLY PART NO.	SHIPPING WEIGHT <sup>(1)</sup>
<i>Pressure Feed</i>					
KB-555	2 qt.	Aluminum	3/8" NPS (M) <sup>(2)</sup>	KB-422	3 lb. 14 oz.
KB-545-SS	2 qt.	Stainless Steel	3/8" NPS (M) <sup>(2)</sup>	KB-442	5 lb. 2 oz.
TLC-576 <sup>(5)</sup>	1 qt.	Teflon®- lined Aluminum	3/8" NPS (F)	TLC-401	18 oz.
TSC-591 <sup>(5)</sup>	1 qt.	Stainless Steel	3/8" NPS (F)	TSC-400	20 oz.
<i>Suction Feed</i>					
TGC-536	1 pt.	Aluminum	3/8" NPS (F)	TGC-432	12 oz.
TGC-545	1 qt.	Aluminum	3/8" NPS (F)	KR-428-2	18 oz.
TGS-503 <sup>(3)</sup>	8 oz.	Polyethylene	1/4" NPS (F)	See Note <sup>(3)</sup>	3 oz.
TLC-555	1 qt.	Teflon®- lined Aluminum	3/8" NPS (F)	TLC-401	18 oz.
TSC-595	1 qt.	Stainless Steel	3/8" NPS (F)	TSC-400	20 oz.
<i>Gravity Feed</i>					
GFC-501 <sup>(4)</sup>	20 oz.	Acetal	3/8" BSP (M)	N/A	6 oz.
GFC-502 <sup>(4)</sup>	1 liter	Aluminum	3/8" BSP (M)	N/A	9.4 oz.

(1) Approximate shipping weight for complete cup and lid assembly.

(2) Air connection thread size is 1/4" NPS (M).

(3) For cup and cover assembly, order part TGS-406.

(4) Use with GFG guns only.

(5) Order KK-4980 Regulator Kit in addition to the cup.

# Air Control Accessories



## Air Control Regulator HARG-510

The HARG-510 air control regulator and gauge combination fits any professional spray gun and is comfortable for both right- and left-handed operators. Precise and lightweight, this unit provides superior color matching capability. A swivel adapter allows fast installation, and a lock ring secures pressure settings to avoid inadvertent adjustment during spraying. Service Bulletin SB-6-105. Not recommended for HVLP spray guns.

### Specifications

Outlet Pressure Range: 5-100 psi  
Regulator Gauge Ports (2): 1/8" NPT (F)  
Air Capacity: 1-15 SCFM



## Air Adjusting Valve P-H-5516

This convenient air adjustment valve attaches directly to the spray gun air inlet. Commonly used with spray guns, pressure tanks and pumps, the valve features a large knurled knob for adjusting the airflow. Service Bulletin SB-11-119.



## Air Adjusting Valve HAV-500

HAV air adjustment valves attach to the spray gun inlet, and allow the operator to control pressure at the gun. The HAV-501 includes an air gauge. The swivel top allows fast, easy installation. For use with all professional spray guns. Service Bulletin SB-11-119.



## Air Adjusting Valve w/Gauge HAV-501

## Air Control Selection Guide

Air Inlet (Nipple) = 1/4" NPS (M)  
Air Outlet (Swivel Adapter) =  
1/4" NPS (F)

PART NO.	NET WEIGHT	GAUGE RANGE	MAX. INLET PRESSURE	VALVE TYPE
HARG-510	10 oz.	0-160 psi	250	Diaphragm, Relieving
HAV-500	3.5 oz.	N/A	250	Straight
HAV-501	5 oz.	0-160 psi	250	With Gauge
P-H-5516	3 oz.	N/A	250	Straight

## WhirlWind™ In-Line Filter HAF-507-K12

The WhirlWind disposable in-line filter attaches to the base of the spray gun or air tool to remove any remaining water, oil, dirt and rust from the air line. This high quality, high-flow, solvent-resistant air filter has a very low pressure drop and has a floating filter that automatically adjusts for changing air conditions



- Multi-layer design extends life, so unit lasts up to 40% longer than other filters.
- Perfect for use with HVLP guns, WhirlWind provides 55% more air flow than other filters.

Housing Material	Packaging	Threads	Maximum Operating Pressure	Operating Temperatures	Pressure Drop @ 80 PSI w/20 SCFM	Service Bulletin
Solvent-resistant Delrin® plastic	12 filters per dispenser carton	1/4" NSP (M) inlet 1/4" NSP (F) inlet	125 psi	50°F - 110°F	2 psi	SI-8-10-1

## Air Valves

500 PSI Max. Operating Pressure

VA-527	3/8" NPS (M) x 3/8" NPT (M) Stainless Steel	VA-541	1/4" NPS (M) x 3/8" NPT (M) Brass
VA-528	3/8" NPS (M) x 3/8" NPT (F) Stainless Steel	VA-542	1/4" NPS (M) x 1/4" NPT (M) Brass
VA-540	3/8" NPS (M) x 3/8" NPT (M) Brass		

# Air Spray Gun Accessories

## SolventSaver™ Hose/Gun Cleaners



Simple, easy-to-use cleaners speed up equipment cleaning and save solvent (up to 86% savings!), which reduces VOC emissions. With SolventSaver, a finely atomized blast of solvent travels through the hose and gun fluid

passages. Operated with compressed air, metering permits adjustment of the air/solvent mix. Units have 1/4" NPS (M) air and 3/8" NPS (M) fluid connections, and are equipped with a safety valve.

PART NO.	CAPACITY	SHIPPING WEIGHT	MAX. WORKING PRESSURE	FLUID PASSAGES MATERIALS CONSTRUCTION
HD-503*	2 qt.	5 lb.	50 psi	Aluminum, nickel-plated brass, Teflon® and Thiokol gaskets
QMGZ-5200*	2 gal.	42 lb.	110 psi	Galvanized steel, aluminum, nickel-plated brass, Teflon and santoprene gaskets, polyethylene tank liner

\* Not suitable for use with chlorinated solvents, such as 1,1,1 trichloroethane or methylene chloride.

## Fluid Strainers and Screens



### In-Line Strainer VS-534

Stainless steel swivel strainer mounts to the tank or pump and has a 100 mesh replaceable, cylindrical filter. Refer to Service Bulletin SB-7-072.



### Gun-Mounted Mini Strainer

Lightweight stainless steel final filter, 250 PSI maximum working pressure. Refer to Service Bulletin SB-7-072.

PLH-MF-6-100  
Fluid Strainer

PLH-MFC-100  
100 Mesh Screen



### Gravity Gun Strainer KGP-5-K5

Gravity Fluid Strainer. Refer to Service Bulletin SB-7-072.



### Gun-Mounted Strainer VS-531

This strainer is available in 100 mesh and can be attached to the gun inlet. Refer to Service Bulletin SB-7-072.



### Gun-Mounted Strainer VS-532

Designed for use with JGA spray guns, this strainer mounts on the fluid inlet and allows the filter screen to be cleaned or replaced without removing the strainer housing. It also functions as a trigger guard. Refer to Service Bulletin SB-7-072.



### Gun Cup Strainer 50 mesh, 149-278

A final strainer for atomized spray gun cups. The 50-mesh brass filter screen for all enamels and lacquers. The strainer is pressed on and removed from the end of the siphon tube. Its gasket prevents by-pass and holds firmly on siphon tube sizes up to 7/16 inch diameter. Box of 10.

### "Strain-It" Strainers

81-82 (white cone) ... 145 mesh/inch  
81-83 (blue cone) ..... 100 mesh/inch  
81-84 (red cone) ..... 80 mesh/inch

Stainless steel screen:

**Super Fine (145)** removes lint and particles... even from thinner;

**Fine (100)** for primers and more viscous materials;

**Medium (80)** for heavy materials.

Packaged 5 per carton.



STRAINER PART NO.	MAX. WORKING PRESSURE	INLET THREADS	OUTLET THREADS	WETTED PARTS	SCREEN PART NO.	MESH SIZE	MICRON SIZE
<b>Gun Mounted Strainers</b>							
VS-531	300	3/8"NPS(M)	3/8"NPS(F)	CS	31144-310-K10	100	149
VS-532	300	3/8"NPS(M)	3/8"NPS(F)	PB	VS-58-K10	100	149
Swivel							
<b>Gun Mounted Mini Strainers</b>							
PLH-MF-6-100	250	3/8"NPS(M)	3/8"NPS(F)	SS	PLH-MFC-100	100	149
<b>In-Line or Tank/Pump Mounted Strainers</b>							
VS-534	300	3/8"NPS(F)	3/8"NPS(M)	SS	VS-58-K10	100	149
Swivel							

SS = Stainless Steel  
PB = Plated Brass  
CS = Carbon Steel

# Other Equipment and Accessories



## Cleaning Brushes

For cleaning the threads and recesses of the gun body.

3/8" dia. brush: 42884-214-K5 (pkg. of 5)  
5/8" dia. brush: 42884-215-K10 (pkg. of 10)



## Spray Gun Lube SSL-10-K12

Specially formulated spray gun lube improves performance and extends the life of spray equipment. Contains no silicones or petroleum distillates to contaminate paint and coatings. Case of 12 (2-oz.) bottles. Not for use with air tools and high RPM equipment.



## Disposable Spray Gun Covers

Save money by reducing cleaning time and maintenance with these covers that also limit operator exposure to overspray.

GC-100-K4 (pkg. of 4)  
GC-100-K48 (pkg. of 48)



## Manual Spray Gun Extensions

For hard to reach locations. Attach to most conventional and HVLV spray guns. For conventional coatings. Compatible with brass wetted parts. Comes with 1/4" NPS(f) x 1/4" NPS(m) air inlet adapter.

Length in Feet	Part No.	Shipping Weight (lbs.)	Actual Weight (lbs.)
4	54-296	4	3
6	54-297	5.25	4
8	54-298	6.5	5



## Mounting Stud AGA-414

Use this stud to attach automatic spray guns to 3/4" rods and increase the flexibility and versatility of your spray system. 16" long, 48 oz. (1344 gr) shipping weight.



## JGA Gun Fluid Tube JGA-444

Handy tube combines the fluid and air hoses at the gun handle to prevent twisted lines and keep hoses from dragging over work. 3/8" NPS thread.



## Thread Adapter

Thread adapters provide the correct hook-up for spray guns, hoses, tanks and other spray equipment. They work with most standard thread applications.

ADAPTER PART NO.	MALE	MALE	FEMALE
AD-404	—	1/4" NPS	3/8" NPS
P-H-4105	—	3/8" NPS	1/4" NPS
H-1766	1/8" NPT	1/4" NPS	—
H-2008	1/4" NPT	1/4" NPS	—
AD-31	1/4" NPS	1/4" NPS	—
AD-26	1/4" NPS	3/8" NPS	—
H-1580	1/4" NPT	3/8" NPS	—
H-1446	3/8" NPS	3/8" NPS	—
AD-11	3/8" NPS	3/8" NPT	—



## Universal Clamp AGA-415

This clamp attaches directly to the gun stud and clamps onto 3/4" rod, allowing the gun to rotate to any angle. 13.5 oz. (378 gr) shipping weight.



## Spray Gun Wrench WR-103

Versatile tool fits fluid and air hose connections, as well as adapters and packing nuts.

## Gravity Spray Gun Holders

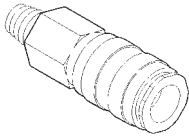
- GH-505 Mixing Bench Gun Holder**  
Features a sturdy, no tip design for use on paint mixing benches.
- GH-56 Paint Strainer Holder**  
Attaches to the GH-505 to allow easier pouring and mixing through a paint strainer.



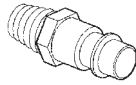


# Other Equipment and Accessories

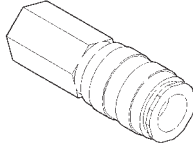
## Air Quick Detachable Connectors



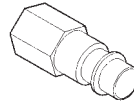
HC-4699



HC-1166



HC-4700



HC-4419

### High Flow Air Connections

These connections improve the performance of any air tool by delivering greater air flow with less pressure drop, and are ideal for HVLP applications because they won't ever "starve" the spray gun. In addition, the quick-detach connection assures smooth, easy lock and release.

### High Flow Q.D. Air Connectors & Stems

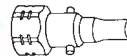
THREAD SIZE AND TYPE	PART NO.	MAX. WORKING PRESSURE (PSI)	MATERIAL OF CONSTRUCTION
1/4" NPT (M)	HC-4699	230	Plated Aluminum, Steel, Brass
1/4" NPT (M)	HC-1166	230	Plated Steel
1/4" NPT (F)	HC-4700	230	Plated Aluminum, Steel, Brass
1/4" NPS (F)	HC-4419	230	Plated Steel

### Construction

Precision manufactured lightweight aluminum body, with durable hardened steel sleeve.



## Fluid Quick Detachable Connectors



### Threaded Connector Q.D.'s

MALE THREAD	CONNECTION NUMBER	MAXIMUM WORKING PRESSURE	MATERIAL OF CONSTRUCTION
3/8" NPS	P-HC-4808-1	500	Aluminum
3/8" NPS	HC-513-1	500	Stainless Steel
3/8" NPS	QDL-4808	500	Delrin®, Stainless Steel

### Male Stems for use with any Fluid Q.D. Connection

FEMALE THREAD	PASSAGE 1/4" I.D. STEM NO.	MAXIMUM WORKING PRESSURE	MATERIAL OF CONSTRUCTION
3/8" NPS Non-Swivel	P-HC-4482	750	Steel, Plated
3/8" NPS Swivel	HC-4691	500	Stainless Steel

## Multiple Parts Kits

Parts kits include replacement gaskets, o-rings, packings and seals for spray gun repair and maintenance.

SPRAY GUN	PARTS DESCRIPTION	QUANTITY PER PRG.	KIT PART NO.
MBC	Needle Packing	10	A-23-K10
MBC, AGX	Tip Gasket	5	AV-1-K5
MBC	Gasket	5	CV-5-K5
JGA, MSA, GFG	Needle Packing	3	JGV-463-K3
JGA, MSA, GFG	Needle Packing	5	JGA-4035-K5
JGA, MSA	Leather Packing	10	JGA-52-K10
JGA, MSA	Polyethylene Seal	10	JGD-14-K10
EGA	Needle Packing	5	38273-136-K5

## Spray Gun Repair Kits

GUN MODEL	KIT NUMBER
AGX / AGXV	KK-4992-1
EGA / EGHV	KK-5044
EXL	KK-5058-2
FLG3	FLG-488
FLG-2	FLG-480
FLG (old style)	FLG-460
GFG	KK-5025
GTI	KK-5058-2
JGA	KK-4987-2
JGHV	KK-4987-2
JGP / JGPV	KK-4987-2
MAX	KK-5054
MBC	KK-4058-1
MSA	KK-4987-2
MSHTE	KK-5064
MSV	KK-4987-2
OMX (gravity feed)	KK-5028-1
SRI	SRI-426
TGHV	KK-5048
VTX	KK-5085

## Cups – Lid Gaskets

CUP MODEL	GASKET KIT
KB-555 / KB-545-SS	KB-80-K5
TGC	TGC-9-K5
TLC	TGC-9-K5
TSC	TGC-9-K5
TGS (8 oz.)	TGS-4-K5

## Air Regulator Repair Kits

REGULATOR MODEL	KIT NUMBER
HAR-501	KK-4200
HAR-502, 505, 535, 555	KK-4139-3
HAR-507, 511	KK-4977
HARG-510	KK-4887-2
JGV-453	KK-4999-1

## Fluid Regulator Repair Kits

REGULATOR MODEL	KIT NUMBER(S)
HGB	KK-4216 Diaphragm Hdw. KK-4217 Valve Repair Kit
HGS	HGB-16-K10 Diaphragm Kit KK-4456

# Fluid Regulators



## HGS Fluid Regulators

DeVilbiss HGS fluid regulators handle the highest fluid input pressure in the industry – up to 300 psi. And they deliver the broadest range of regulated output fluid pressure, from 2 to 100 psi.

A full line of standard models are available including gun mount, remote mount, circulating, non-circulating, and tamper-resistant.



## HGB-508 Fluid Pressure Regulator Assembly

For manual or remote air control operation. The highly sensitive Nylon II diaphragm reacts instantly to pressure variation to assure constant, correct pressure at spray gun take-off points on pumps or in circulating systems – with up to 8 gallons per minute fluid flow. HGB-508 is corrosion resistant with a 303 stainless steel body.

### Includes:

- HGB-502 - Stainless steel fluid regulator
- HGB-14 - Riser tube with GA-333 gauge
- 3/8" stainless steel swivel inlet fitting
- 3/8" stainless steel outlet nipple

## Model Chart Gun Mounted Regulator

STANDARD FLOW MODELS PART NO.	CONTROL	FLUID INLET	FLUID OUTLET
HGS-5112	Air Pilot	1/4" NPSM(M)	3/8" Swivel
HGS-5113	Air Pilot	1/4" NPSM(M)	Standpipe
HGS-5122	Air Pilot	3/8" NPSM(M)	3/8" Swivel
HGS-5132	Air Pilot	1/8" NPT(F)	3/8" Swivel
HGS-5133	Air Pilot	1/8" NPT(F)	Standpipe
HGS-5211	Manual Adjust	1/4" NPSM(M)	Bayonet†
HGS-5212	Manual Adjust	1/4" NPSM(M)	3/8" Swivel
HGS-5221	Manual Adjust	3/8" NPSM(M)	Bayonet†
HGS-5222	Manual Adjust	3/8" NPSM(M)	3/8" Swivel
HGS-5231	Manual Adjust	1/8" NPT(F)	Bayonet†
HGS-5232	Manual Adjust	1/8" NPT(F)	3/8" Swivel
HGS-5233	Manual Adjust	1/8" NPT(F)	Standpipe
HGS-5239*	Manual Adjust	3/8" NPSM(F)	3/8" NPSM(M)
HGS-5242	Manual Adjust	3/8" NPS(M)	3/8" Swivel
HGS-5313††	Tamper Resist	1/4" NPSM(M)	Standpipe
HGS-5321††	Tamper Resist	3/8" NPSM(M)	Bayonet†

\* Manual, non-circulating, single gun fluid regulator, primarily used in conjunction with fluid pumps or dead end systems. Install at pump or tank, not gun.

† Stems not included, purchase separately.  
 †† KK-5047 T-Handle Kit must be ordered separately (required to adjust tamper-resist models).

## Fluid Regulator

MODEL PART NO.	MATERIAL/WETTED PARTS	INLET/OUTLET PORTS	INLET PRESSURE MAX.	REG. OUTLET PRESSURE	MAX. REG. FLUID FLOW	MAX. TEMP.	APPROX. SHIP WT.
HGB-508	Stainless Steel body Teflon® and Nylon	3/8"	175 psi	0-75 psi	8 gal./min.	180°F	3 lbs.

# System Solutions for Your Spray Finishing Needs



*More than just a spray gun manufacturer, DeVilbiss is your single source for practical solutions to all your spray finishing challenges.*

*To maximize your production output you need consistent, reliable performance, high-quality results and a responsive service partner who knows the industry and your business. And with DeVilbiss, you not only get the equipment, you also get the expertise.*

*Since 1888, we've advanced the science of spray finishing by introducing innovative products and technological developments that set the standards for the industry. These efforts help ensure that we can deliver the best solution for your particular spray finishing applications.*

## Spray Guns

- Conventional air spray and HVLV
- Standard-size, mid-size, manual and automatic
- Waterborne compatible, stainless steel passages
- Spot repair guns for precision control
- Decorator guns for textured and other decorative finishes
- Duster guns
- Gravity feed, suction feed pressure feed
- External mix and internal mix atomization methods
- OMX™ - the only true ergonomic spray gun

## Cups and Tanks

- Pressure, gravity and suction feed cups
- Aluminum, stainless steel and polyethylene
- ASME-certified galvanized and stainless steel tanks
- Tank capacities from 2 gal. to 15 gal.
- Air motor drives

## Air & Fluid Controls

- Regulators and gauges
- Adjusting valves
- Centrifugal, coalescing, in-line and desiccant filters
- Ball and air-adjusting valves
- Fittings and connections

## Additional Accessories

- Thread adapters
- SolventSaver™ gun and hose cleaners
- Gun-mounted fluid strainers
- Replacement parts kits
- Air cap test kits
- Fluid regulators

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