

# Spray Application Processes

## ATOMIZATION TECHNOLOGY OPTIONS

Conventional, HVLP, LVMP, Air Assisted Airless and Airless are all types of Atomization technology, each has slightly different operating parameters.

### Conventional

The most established method of air atomizing, used on spray guns for decades. This type uses high velocity air jets to produce a high atomization power which is very effective in breaking up high solids and high viscosity coatings. Air pressure exiting the air cap during use is typically 40-70 psi (2 to 5 bar) with typical air consumption of 6 to 25 cfm (170 to 700 l/min).

### High Volume Low Pressure (HVLP)

HVLP uses higher volumes of air (11 to 30 cfm or 300 to 840 l/min) at low pressure (psi) to atomize the coating. HVLP provides high transfer efficiency and is limited by Government Environmental Legislation to a maximum of 10 psi (0.7 bar) atomizing pressure measured at the air cap.

### Low Volume Medium Pressure (LVMP)

LVMP makes more energy available for the atomization process than HVLP, but delivers transfer efficiencies equivalent to those of HVLP. Air cap pressure is typically in the area of 20 to 45 psi (1.3 to 3 bar) while using 9 to 20 cfm (250 to 560 l/min) for atomization of coatings.

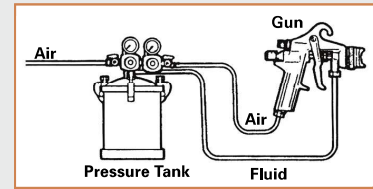
### Air Assisted Airless

To maximize efficiency, the best features of air spray and airless atomization are combined in this technology. The pattern is formed by the spray tip at between 500 and 2,500 psi fluid pressure and a small amount of air pressure is used to adjust the size of the spray pattern and eliminate "tails". Air Assisted Airless provides fast application of materials, a soft spray that reduces fog overspray and bounce-back, and the ability to penetrate into recesses and cavities. This is especially important where intricate shapes require a consistent film build.

### Airless

Fluid is atomized by high pressure (usually 3,000 – 7,000 psi) and pushed through an orifice in the spray tip which is typically .015" - .035" in diameter. The shape of the orifice determines the shape and size of the spray pattern. With airless technology, the size of the atomized particle is larger than other spray methods and therefore typically not used for achieving fine finishes.

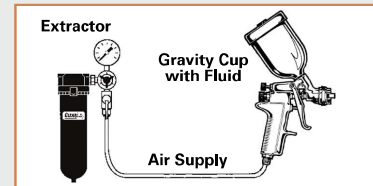
## FLUID DELIVERY OPTIONS



### Pressure-Feed

This option uses an external pressure source (pressure tank, piston pump, or diaphragm pump) to push fluid to the spray gun nozzle. Air and fluid are then mixed outside the nozzle to atomize the coating.

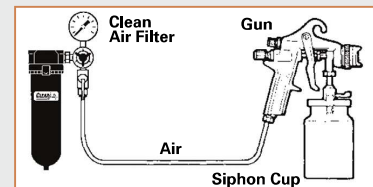
**Advantages:** This method delivers higher volumes of fluids than siphon and gravity-feed set-ups, and will spray a wider range of materials. It also enables independent control of fluid and air pressure.



### Gravity-Feed

On Gravity-feed guns the cup is located above the gun. The force of gravity pushes the fluid into the gun.

**Advantages:** This method offers quick color changes and convenience on small jobs or touch up applications. Gravity guns are able to use all of the coating – reducing waste.



### Siphon-Feed

Siphon-feed hookups use vacuum created at the nozzle to draw fluid from a cup.

**Advantages:** This fluid cup system offers quick material / color changes, easy clean-up on smaller jobs.



# Atomization *Low Fluid Pressure Spray Guns*

## DeVilbiss Model JGA & JGHV Spray Guns

The JGA standard-size manual spray gun is extremely versatile and rugged. The JGA sets the industry standard for high production performance. The JGHV has all of the great features of the JGA with the added benefit of being HVLP Compliant.



### Features & Benefits:

- Plated-brass air caps
- Stainless steel fluid nozzles and needles
- Stainless steel fluid passages for complete material compatibility
- Comfortable "fit and feel" handle design

**Viscosity Range:** Low to high

**Typical Industrial Coatings:** Primers, epoxies, urethanes, enamels, adhesives, abrasives, textured coatings, high solids, and zinc rich materials.

## DeVilbiss Model MBC Conventional Spray Gun

The MBC spray gun combines a drop forged aluminum body with a forged removable spray head which is ideal for quick cleaning and applications which require fast nozzle changes. Special models with set-ups designed to spray solvent and water-borne zinc coatings.



### Features & Benefits:

- Plated brass air caps
- Stainless steel fluid nozzles and needles
- Removable spray head with nickel plated brass fluid passages

**Viscosity Range:** Low to high

**Typical Industrial Coatings:** Lacquers, primers, epoxies, urethanes, enamels, adhesives, high solids, and zinc rich materials.

## Binks Model 2100 Conventional Spray Gun

The Binks Model 2100 is a full sized high production gun. Designed and built with the professional finisher in mind, the 2100 Gun will handle virtually all industrial and protective coatings.



### Features & Benefits:

- Wide selection of air nozzles and stainless steel fluid nozzles and needles
- All stainless steel fluid passages for complete material compatibility

**Viscosity Range:** Low to high

**Typical Industrial Coatings:** Lacquers, primers, epoxies, urethanes, enamels, adhesives, abrasives, textured coatings, non-stick coatings, high solids, and zinc rich materials.

## DeVilbiss Model EGA & EGHV Touch Up Guns

The EGA is the spray gun of choice for touch up, shading and detail decorating. This conventional touch up gun provides precise control for any type of delicate spray finishing applications. EGHV has all the features of the EGA and is HVLP compliant.



### Features & Benefits:

- Stainless steel tip and needle
- Forefinger trigger to enhance operator control
- Long needle taper to make detail work easy

**Typical Industrial Coatings:** Water based paints, enamels, urethanes, stains and varnishes, inks and dyes, and lacquers

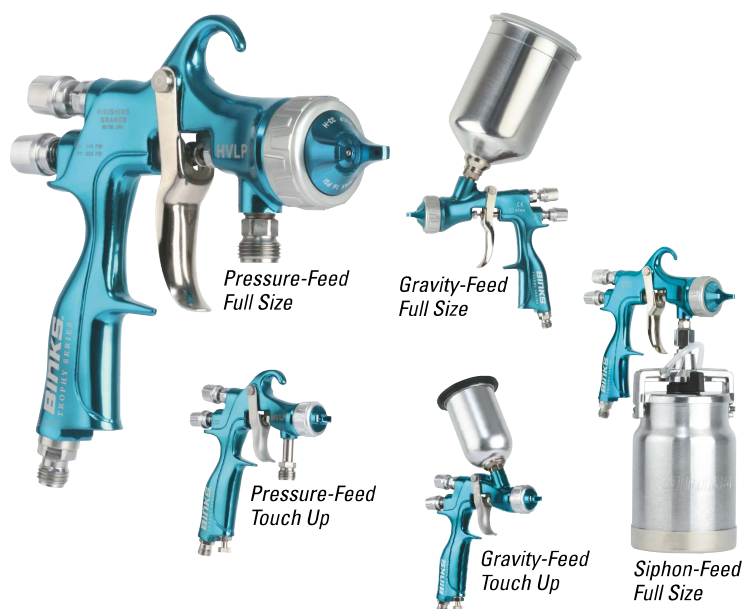
Part No.	Gun Body	Brand	Model	Technology	Material Compatibility	Material Feed	CFM @ 30 psi	Max Pattern Size (in)	Fluid Nozzle	Fluid Nozzle (mm / in)	Air Nozzle	Fluid Needle Material
JGA-510-704E	Full Size	DeVilbiss	JGA	Conventional	Medium - Heavy	P	21*	10-12	E	1.8 / .070	704	SS **
JGA-510-64HDD	Full Size	DeVilbiss	JGA	Conventional	Medium - Heavy	P	22*	14	D	2.2 / .086	64HD	SS **
JGA-510-57D	Full Size	DeVilbiss	JGA	HVLP	Medium - Heavy	S / P	11	9-11	D	2.2 / .086	57	SS **
JGHV-531-46FF	Full Size	DeVilbiss	JGHV	HVLP	Medium - Heavy	P	22.5	11	FF	1.4 / .055	46MP	SS **
JGHV-531-83D	Full Size	DeVilbiss	JGHV	HVLP	Heavy	P	26	13	D	2.2 / .086	83MP	SS **
JGHV-531-83E	Full Size	DeVilbiss	JGHV	HVLP	Medium - Heavy	P	26	13	E	1.8 / .070	83MP	SS **
MBC-510-64HDD	Full Size	DeVilbiss	MBC	Conventional	Medium - Heavy	P	22*	14	D	2.2 / .086	64HD	SS **
MBC-510-64HDE	Full Size	DeVilbiss	MBC	Conventional	Medium - Heavy	P	22*	14	E	1.8 / .070	64HD	SS **
MBC-ZINC-S ##	Full Size	DeVilbiss	MBC	Conventional	Medium - Heavy	P	22	14	D	2.2 / .086	64HD	SS **
MBC-ZINC-W ^^	Full Size	DeVilbiss	MBC	Conventional	Medium - Heavy	P	16	8-10	D	2.2 / .086	100L	SS **
2101-4307-9	Full Size	Binks	2100	Conventional	Medium - Heavy	P	7.9	7-11	66SS	1.8 / .070	66SD	SS ***
2101-5111-5	Full Size	Binks	2100	Conventional	Medium - Heavy	P	9.5	12	68SS	2.8 / .110	68PB	SS ***
EGA-503-390F	Touch Up	DeVilbiss	EGA	Conv	Light - Medium	S/P	3	3	F	1.0 / .039	390	SS
EGHV-531-397E	Touch Up	DeVilbiss	EGHV	HVLP	Light - Medium	S/P	8.8*	6	E	1.8 / .070	397	SS

Notes: • CFM @ 80 psi  
 \* CFM @ 50 psi  
 \*\* UHMWPE and Carboly Tips and Needles are available for this model  
 \*\*\* VT (Vitrous) set-up is available for this model  
 S Siphon Feed

P Pressure Feed  
 ## MBC-ZINC-S for Solvent-borne Zinc Coatings, has leather packings and heavy duty needle spring, 64HD Air Cap  
 ^^ MBC-ZINC-W for Water-borne Zinc Coatings, has leather packings, heavy duty needle spring, Gti-100-L Delrin Air Cap and Gti-3 Delrin Retaining Ring



# Atomization *Binks Trophy™ Low Pressure Spray Guns*



## Application Versatility:

- **Sizes:** Full size and touch up
- **Spray Technologies:** HVLP, LVMP (Compliant), Conventional
- **Gun Body Colors:** Blue (HVLP) / green (LVMP) / brown (Conventional)
- **Fluid Nozzles and Needle Set-Ups:** Tuff tip hardened stainless steel nozzles, tungsten carbide, plastic tip needles, and feathering needles
- Available in pressure-feed, gravity-feed, and siphon-feed

## Ergonomic Design:

- Lightweight
- Curved handle for increased comfort
- Oversized knobs and air cap ring for easy adjustments and maintenance
- Soft trigger pull for reduced stress and fatigue
- Smooth trigger pull for providing no-kickback during spraying

## Robust Engineering:

- Large stainless steel fluid passages for compatibility with industrial coatings
- Long lasting brass inserts and seals
- Hardened stainless steel fluid nozzles
- Large air passages
- Anodized forged aluminum gun body provides durability

Part No.	Gun Body	Brand	Model	Technology	Material Compatibility	Material Feed	CFM @ 30 psi	Max Pattern Size (in)	Fluid Nozzle	Fluid Nozzle (mm / in)	Air Nozzle	Fluid Needle Material
2465-16CN-12S0	Full Size	Binks	Trophy	Conventional	Thin / Med / Heavy	S / P	8	12	16	1.6 / .063	12C	SS
2465-26CN-14V0	Full Size	Binks	Trophy	Conventional	Heavy - Zinc Coatings	P	17	14	26	2.6 / .102	14C	Tungsten Carbide
2465-16LV-23S0	Full Size	Binks	Trophy	LVMP	Medium - Heavy	P	11	14	16	1.6 / .063	23L	SS
2465-18LV-23SS	Full Size	Binks	Trophy	LVMP	Thin - Medium	S	11	8	18	1.8 / .070	23L	SS
2465-18LV-23SG	Full Size - Gravity	Binks	Trophy	LVMP	Medium - Heavy	G	11	8	18	1.8 / .070	23L	SS
1465-14LV-B1S	Touch Up	Binks	Trophy	LVMP	Heavy	P	5	5-7	14	1.4 / .055	B1	SS
2465-18HV-32S0	Full Size	Binks	Trophy	HVLP	Medium - Heavy	P	16	18	18	1.8 / .070	32H	SS
2465-18HV-32SS	Full Size	Binks	Trophy	HVLP	Thin - Medium	S	16	6-9	18	1.8 / .070	32H	SS
2466-18HV-32SG	Full Size - Gravity	Binks	Trophy	HVLP	Medium	G	18	12	18	1.8 / .070	32H	SS
1465-14HV-C1S	Touch Up	Binks	Trophy	HVLP	Medium - Heavy	P	8	5-7	14	1.4 / .055	C1	SS

Notes: S Siphon Feed  
G Gravity Feed  
P Pressure Feed



# Atomization *SprayVantage Low Pressure Spray Guns*

## SprayVantage Pro Series

Binks SprayVantage Pro Series spray guns offer great value to professional painters, contractors and do-it-yourselfers alike. Available in both conventional and HVLP models, these spray guns are used in pressure-feed, gravity-feed and siphon-feed applications. The SprayVantage3 portable spray finishing system includes a 3 hp air compressor on a cart, 2.8 gallon ASME rated pressure tank, 25' of air and fluid hose and your choice of two guns, SV100 or the 2100 gun with Multi-Color set-up.



### CHOOSE YOUR SPRAY GUN

	LIGHT			MEDIUM			HEAVY					
	Sealers	Wash Primers	Stain	Nitro Lacquer	E-poxies	Varnishes	Thinned Latex	Topcoat-Lacquer	Latex	Enamels	Polyurethane	Contact Adhesives
<b>SV100</b> Siphon-Feed Conventional Spray Gun w/Cup PART NO.: 98-3161 • Tips included: 1.8mm Recommended 10-15 CFM / 30-45 psi	■	■	■	■	■	■	■	■	■	■	■	■
<b>SV100</b> HVLP Gravity-Feed Spray Gun w/Cup PART NO.: 7042-6931-4 TIPS INCLUDED: 1.4mm, 2.0mm Recommended 10-14 CFM / 20-27 psi	■	■	■	■	■	■	■	■	■	■	■	■
<b>SV100</b> HVLP Pressure-Feed Spray Gun Only PART NO.: 7041-6931-1 TIPS INCLUDED: 1.1mm, 1.4mm, 1.8mm Recommended 10-14 CFM / 20-27 psi	■	■	■	■	■	■	■	■	■	■	■	■
<b>SV100</b> 2 Qt. Outfit: HVLP Pressure-Feed PART NO.: 98-3162 TIPS INCLUDED: 1.1mm, 1.4mm Recommended 10-14 CFM / 20-27 psi	■	■	■	■	■	■	■	■	■	■	■	■
<b>SV100</b> 2 Gal. Outfit: HVLP Pressure-Feed PART NO.: 98-3163 TIPS INCLUDED: 1.1mm, 1.4mm Recommended 10-14 CFM / 20-27 psi	■	■	■	■	■	■	■	■	■	■	■	■
<b>SprayVantage3™</b> Fine Finishing Systems PART NO.: 98-3164 • SV100* PART NO.: 98-1266 • Multi-Color with 2100 Gun (*690 Air cap is recommended for SV100 Gun)	■	■	■	■	■	■	■	■	■	■	■	■





# Atomization Specialty Low Pressure Spray Guns

## Binks Model 7E2

Designed for spraying heavy bodied and filled materials such as non-skid, roof coatings, block fillers and others.



- Extra-Large fluid passages for maximum fluid flow
- Durable drop forged, plated brass spray head
- Adjustable floating needle valve and stainless air valve cartridges
- Comfortable hardened steel, four finger trigger

### Standard Set-Ups Available:

- 6102-2900-7 7E2 GUN 44SS-1/4
- 6102-3525-9 7E2 GUN 46SS-391
- 6102-3600-7 7E2 GUN 45SS-1/4
- 6102-3601-7 7E2 GUN 45SS-3/8
- 6102-3602-3 7E2 GUN 45SS-3/8F

### Specifications:

- **Air Inlet:** 3/8" nps (m)
- **Fluid Inlet:** 3/4" nps (m)
- **Weight:** 30 oz.

**Service Bulletin:** 77-1341

## Binks Model 2100GW

The Binks 2100GW spray gun is a hand-held, spray gun for limited application of two-component materials such as gel-coats or polyesters. The trigger action stops and starts spraying both materials simultaneously.



### Standard Set-Ups Available:

- 2100GW Gun w/66SSx66SD (2100-4307-9GW)
- 2100GW Gun w/68SSx68PB (2100-5111-5GW)

### Specifications:

- **Air Inlet:** 1/4" nps (m)
- **Fluid Inlet:** 3/8" nps (m)
- **Weight:** 24 oz.

**Service Bulletin:** 77-2936



## Gun Extensions

Nozzle extensions are designed to reach out of the way places, such as the inside of large and small diameter pipe. There are models for general use and for specific applications. Extensions are available for both air atomizing and airless spray guns. See page 10 for airless extensions.

	Clearance Diameter (inches)	Nozzle Set-Up	Standard Lengths (inches)	For Gun Model	Part Sheet Reference (77- )
EA	1 3/4	Std. External or Internal Mix*	9, 15, 24, 36 ◆	2100, 95, 95A, 95AR	1368, 2659, 2660
EAX	7/8	External or Internal Mix*	◆	2100, 95, 95A	1369, 2659, 2660
EB	3	Std. External or Internal Mix* ▼	6, 12, 15, 18, 24, ◆	2100, 21, 95, 95AR	1370, 2659, 2660
EBX	1 7/8	External or Internal Mix*	◆	2100, 95, 95A	1371, 2659, 2660
EN	2 1/2	Std. External or Internal Mix* ▼	6, 12, 18, 36, 48, ◆	2100, 21, 95, 95A, 95AR	1372, 2659, 2660
ENX	1 3/4	External or Internal Mix*	◆	2100, 95, 95A	1373, 2659, 2660
ERX	1 7/8	External or Internal Mix*	◆	2100, 95, 95A	1374, 2659, 2660
C	3/4	Circular (360°)*	6, 12, 18, 24, 36, 48, 60, 72, 84, ◆	2100, 21	1367, 2082, 2659, 2660
HC	90°				
SC	3/8	Circular (360°)*	9, 12, 18, 27, 33, 39, 51, 63, 75, 87, ◆	2100, 21, 95, 95A	1328, 2659, 2660
SA	7/16	Round (Not Adjustable)	◆	2100, 95, 95A	1328, 2659, 2660
CVT	1 1/8	Same as for Models C and HC Except Nozzles have Tungsten Carbide Inserts*	◆	2100, 95, 95A	2083, 2659, 2660
HCVT	90°				
52-1382	1 3/8	Special for Pipe Interior Circular 360°	1/4" Pipe Not Included	Gun Not Required	—
52-2410	3/4	Circular 360°	5/16" I.D. Fluid Hose and Clamps Not Included	2100, 95	—

\*See Nozzle and Needle Selection in the Conventional Spray Guns & Accessories Guide

**KEY CODE:** ■ = High volume material flow.

◆ = Any length not shown made to order (custom).

▼ = Extension is available with stainless steel fluid nozzle having tungsten carbide insert.

Specify "VT" when ordering. See nozzle setup table.



# Atomization Specialty Spray Guns

## Automatic Airless Spray Guns - High Pressure



### Binks Model 550

Automatic airless gun for spraying protective coatings such as lacquers, enamels, waterbased emulsions, mold release agents, and sound deadeners. Spray gun equipped with tip guard, stainless steel fluid passages, and forged aluminum spray gun body. Actuating air pressure is 40-60 psi. The material inlet may be installed in any of four positions to facilitate fluid hose connection.

### Binks Model 570

Same as Model 550, but constructed with larger fluid inlet opening and fluid passages. Used for spraying heavy materials such as mastics and undercoatings.

Spray tip is not included, order separately.  
(Maximum operating pressure is 3000 psi.)

#### Specifications:

- **Part Number:** Model 550 - 6700-000-5, Model 570 - 6700-0000-7
- **Air Inlet:** Model 550 - 1/4" nps (m), Model 570 - 1/4" nps (m)
- **Fluid Inlet:** Model 550 - 1/4" nps (m), Model 570 - 1/2" npt (f)
- **Weight:** Model 550 - 24 oz., Model 570 - 40 oz.

**Service Bulletin:** Model 550 - 77-2120, Model 570 - 77-2122



### Binks Model 30 Bead Gun (& Model 30A High Flow)

Designed for laying out glass bead during a line stripping operation. Use on hand line strippers or moving trucks.

- Will spread glass beads at a rate of 20 lbs. per minute
- Pneumatically operated using a minimum of 50 psi
- Furnished with four nozzle inserts with orifice diameters of 7/32", 1/4", 9/32" and 11/32"

#### Specifications:

- **Part Number:**  
Standard Model 30 Bead Gun - 6279-0000-1  
Model 30 Bead Gun with Big Bore - 6279-0000-5
- **Weight:** 6 lbs. 1 oz.

**Service Bulletin:** 77-2151

### Binks Model 140B

Use for spraying solvents to clean engines and other machinery.



- Features a rugged brass body
- Ten inch nozzle/tube length for hard to reach places
- Includes flexible tubing with hose clamp for siphoning solvent from a container

#### Specifications:

- **Part Number:** 6530-000-1
- **Air Inlet:** 1/4" NPS (m)
- Requires 14 CFM air at 50 psi

**Service Bulletin:** 77-1191

### Model 190 Air Blow Gun

Use for dusting, drying, removing chips, etc. from surfaces.



- Pistol grip style with aluminum die cast body
- Nozzle part number 60-40 (complies with paragraph 50-204 Walsh-Healy Act and OSHA where air inlet does not exceed 100 psi with 1/16" orifice is standard)
- Also available with part number 60-41 5-1/2" extension (optional)

#### Specifications:

- **Part Number:** 6580-000-1
- **Air Inlet:** 1/4" NPT (m)
- **Air Consumption:** 3.5 CFM at 50 psi

**Service Bulletin:** 77-1108



# Atomization *Medium & High Pressure Spray Guns*



## Binks Airless 75 & 75M Spray Guns

Operators will feel the difference when spraying the lightweight Airless 75 spray guns due to the contoured ergonomic handle design.

- The forged aluminum gun body is made to outlast the competition
- Extra wide stainless steel fluid passageways will accommodate a wide range of coatings
- Sprays high solids and heated coatings up to 7,500 psi with optional heat guard
- Two-finger triggers with ergonomic handle to reduce operator fatigue
- Unique needle design keeps the spring out of the fluid path
- 75M spray gun features a larger 3/8" inlet for spraying fire retardants and fibrous coatings, and includes a high pressure swivel fitting
- Thick-walled stainless steel fluid tube for abrasive coatings

## Binks AA1600 & AA4400M Air Assisted Airless Spray Guns

- Easy to remove "IN-LINE" needle reduces repair time
- One tool trigger removal speeds up assembly and disassembly
- Adjustable packing can be tightened without disassembly
- Lightweight gun and ergonomic handle reduce operator stress and fatigue
- Anodized aluminum air caps resist corrosion
- HVLP or LVMP Technologies provide a wider choice of spray options
- Unique Twist Tip option quickly and easily removes clogs
- Easily adjustable fan pattern from control knob at back of gun
- **AA1600 with UHMW Seat** is ideal for applications spraying low to medium viscosity coatings at less than 1600 psi
- **AA4400M with Tungsten Carbide Seat** is best for high viscosity fluids and heavy industrial applications
- A wide variety of both twist and flat tip sizes are available for spraying many different types of coatings

Part No.	Fluid Hose Connection	Brand	Model	Technology	Diffuser	Max Fluid Pressure Rating (psi)	Tips Used	Air Cap	CFM @ psi	Max Pattern Size (in)
0811-7500-1	SS Fluid Tube	Binks	Airless 75	Airless	Three Hole	7500	Twist Tip	—	—	See Tip Chart*
0811-7500-2	Direct Connect	Binks	Airless 75	Airless	Three Hole	7500	Twist Tip	—	—	See Tip Chart*
0811-7500-3	Direct Connect	Binks	Airless 75	Airless	Single Hole	7500	Twist Tip	—	—	See Tip Chart*
0811-7500-4	Direct Connect	Binks	Airless 75M	Airless - For Heavy / Filled Material	Single Hole	7500	Twist Tip	—	—	See Tip Chart*
0909-1600-HF0000	SS Fluid Tube	Binks	AA-1600M	Air Assist Airless	Single Hole	1600	Flat Tip	HVLP	8.3@14	See Tip Chart*
0909-1600-HT0000	SS Fluid Tube	Binks	AA-1600M	Air Assist Airless	Single Hole	1600	Twist Tip	HVLP	8.3@14	See Tip Chart*
0909-4400-HF0000	SS Fluid Tube	Binks	AA-4400M	Air Assist Airless	Single Hole	4400	Flat Tip	HVLP	8.3@14	See Tip Chart*
0909-4400-HT0000	SS Fluid Tube	Binks	AA-4400M	Air Assist Airless	Single Hole	4400	Twist Tip	HVLP	8.3@14	See Tip Chart*
0909-4400-LF0000	SS Fluid Tube	Binks	AA-4400M	Air Assist Airless	Single Hole	4400	Flat Tip	LVMP	13@30	See Tip Chart*
0909-4400-LT0000	SS Fluid Tube	Binks	AA-4400M	Air Assist Airless	Single Hole	4400	Twist Tip	LVMP	13@30	See Tip Chart*

Note: \* See Tip Charts on page 10. The above part numbers do NOT include tips. Order tips separately.



# Atomization Medium & High Pressure Spray Guns

TWIST TIP & FLAT TIP ORDERING CHART						
Orifice Size	Fan Pattern Size (in.)	Twist Tip Part No.	Flat Tip Part No. for Airless 550 & 570 Auto Guns	All 9- Series Tips- GPM Flow*	Flat Tip Part # (AA1600 & AA4400)	All 114- Series Tips- GPM Flow*
.007	6	9-307-75	—	0.050	—	—
.009	6	9-309-75	—	0.090	—	—
.009	8	9-409-75	—	0.090	—	—
.009	10	9-509-75	—	0.090	—	—
.011	6	9-311-75	—	0.120	—	—
.011	8	9-411-75	9-1170	0.120	—	—
.011	10	9-511-75	9-1170	0.120	—	—
.011	12	9-611-75	9-1180	0.120	—	—
.013	6	9-313-75	—	0.180	—	—
.013	8	9-413-75	—	0.180	—	—
.013	10	9-513-75	9-1360	0.180	—	—
.013	12	9-613-75	9-1360	0.180	—	—
.013	14	9-713-75	9-1380	0.180	—	—
.015	6	9-315-75	—	0.240	114-01506	0.120
.015	8	9-415-75	9-1550	0.240	114-01508	0.120
.015	10	9-515-75	9-1550	0.240	114-01510	0.120
.015	12	9-615-75	9-1560	0.240	114-01512	0.120
.015	14	9-715-75	9-1590	0.240	114-01514	0.120
.015	16	—	9-1590	0.240	114-01516	0.120
.015	18	—	—	—	114-01518	0.120
.017	6	—	—	—	114-01706	0.160
.017	8	9-417-75	—	0.310	114-01708	0.160
.017	10	9-517-75	—	0.310	114-01710	0.160
.017	12	9-617-75	—	0.310	114-01712	0.160
.017	14	9-717-75	—	0.310	114-01714	0.160
.017	16	—	—	—	114-01716	0.160
.017	18	—	—	—	114-01718	0.160
.018	10-12	—	9-1840	0.330	—	—
.018	12-14	—	9-1860	0.330	—	—
.019	6	—	—	—	114-01906	0.190
.019	8	9-419-75	—	0.380	114-01908	0.190
.019	10	9-519-75	—	0.380	114-01910	0.190
.019	12	9-619-75	—	0.380	114-01912	0.190
.019	14	—	—	—	114-01914	0.190
.019	16	—	—	—	114-01916	0.190
.019	18	—	—	—	114-01918	0.190
.021	10	9-521-75	—	0.470	114-02110	0.240
.021	12	9-621-75	—	0.470	114-02112	0.240
.021	14	—	—	—	114-02114	0.240
.021	16	—	9-2180	0.470	114-02116	0.240
.021	18	—	9-2180	0.470	114-02118	0.240
.023	10	9-523-75	—	0.570	—	—
.023	12	9-623-75	—	0.570	—	—
.024	10	—	—	—	114-02410	0.310
.024	12	—	—	—	114-02412	0.310
.024	14	—	—	—	114-02414	0.310
.024	16	—	—	—	114-02416	0.310
.024	18	—	—	—	114-02418	0.310
.025	10	9-525-75	—	0.670	—	—
.025	12	9-625-75	—	0.670	—	—
.026	12-14	—	9-2640	0.690	—	—
.027	10	—	—	—	114-02710	0.385
.027	12	9-627-75	—	0.740	114-02712	0.385
.027	14	—	—	—	114-02714	0.385
.027	16	—	—	—	114-02716	0.385
.027	18	—	—	—	114-02718	0.385
.035	8	9-435-75	—	1.31	—	—
.043	12-14	—	9-4340	1.60	—	—

\*Note: All tip flow rates measured @ 500 psi water pressure

## Airless Gun Extensions (Use on Airless 75 & 75M Spray Guns)



- Used to extend your reach
- Fluid is shut off at the front of the gun
- Fits Airless 75 and 75M Airless spray guns
- Use 49-1834 adapter to use on Airless 1 spray guns
- Use 52-5207 Airless Swivel Head for angular spray
- Extension does not include airless tip or tip guard (order separately)

52-5203	10"	3500 psi	Airless Tip Extension
52-5204	15"	3500 psi	Airless Tip Extension
52-5205	20"	3500 psi	Airless Tip Extension
52-5206	30"	3500 psi	Airless Tip Extension
52-5208	36"	7500 psi	Airless Tip Extension
52-5209	60"	7500 psi	Airless Tip Extension

## Accessories

TIP ACCESSORIES			
Part No.	Description		
54-5788-K5	60 Mesh* (Kit of 5)	New Mesh Filters Available in 2 Sizes	
54-5789-K5	100 Mesh* (Kit of 5)		
72-2332	Fluid Inlet Swivel (1/4"m x 1/4"r)		
54-5830-K3	3/8" Air Inlet Push in Tube Fittings		
54-5799-K	Tungsten Carbide Seat Flat Tip		
54-5832-K	Tungsten Carbide Seat Twist Tip		
54-5797-K	LVMP Air Cap Flat Tip		
54-5798-K	LVMP Air Cap Twist Tip		
AIRLESS 75 ACCESSORIES			
Part No.	Description		
72-2332	Micro Swivel 1/4"m x 1/4"r (550 bar)		
72-2333	Micro Swivel 3/8"m x 1/4"r (550 bar)		
72-2340	H.P. Swivel with Inlet Filter (60 Mesh)		
72-2341	H.P. Swivel with Inlet Filter (100 Mesh)		
54-1836	60 Mesh Filter		
54-1835	100 Mesh Filter		
72-2339	High Pressure "Y" Block (7250 psi Max)		
54-7527	Heat Guard (Accessory)		

\*60 mesh filters come standard with all guns.

## Specifications

AIRLESS 75		
Max. Fluid Pressure:	7500 psi (517 bar)	
Gun Body:	Anodized Aluminum	
Max. Temperature:	175°F (79°C) (Heat Guard Required)	
Fluid Path:	Stainless Steel	
Fluid Inlet:	1/4" NPS (3/8" NPS for 75M)	
Gun Weight:	660g	
	AA1600M	AA4400M
Max. Fluid Pressure:	1600 psi / 110 bar	4400 psi / 303 bar
Max. Air Pressure:	100 psi / 6.8 bar	100 psi / 6.8 bar
Gun Body:	Forged Aluminum	Forged Aluminum
Fluid Path:	Stainless Steel / UHMW / Tungsten Carbide	Stainless Steel / Tungsten Carbide
Seat:	UHMW (Standard) / Tungsten Carbide (Optional)	Tungsten Carbide
Fluid Inlet:	1/4 NPS(m) Thread	
Air Inlet:	1/4 NPS(m) Thread	
Gun Weight: Without Tip, Air Cap, Guard	17.28oz / 490g	17.42oz / 494g
Part Sheet:	77-2921	77-2922

