

# PROTECTIVE COATINGS

## EQUIPMENT SELECTION GUIDE



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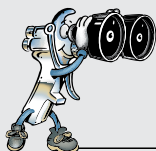
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## Ask Us About



## Seeing Is Believing

ONSITE DEMO/TRIAL PROGRAM



Whether or not you are required to follow strict regulatory mandates for your geographic area and specific applications, you can conserve resources with our GreenWorks program.

We can help you:

- Implement eco-tips that provide measurable cost savings
- Identify the Binks products with an immediate green payback for you
- Determine if your operation could benefit from the Binks and DeVilbiss Finishing TuneUp program

Look for the green leaf symbol to identify products that conserve resources.

# Selecting The Right Equipment



### It's Critical to Use the Right Equipment for Each Application

Using the right equipment for each step of any spray finishing process is typically the difference between hitting quality, productivity and profitability targets – and not hitting them. Additionally, the ever increasing diversity of coatings dictate careful selection and proper use of equipment.

With nearly 220 years of collective leadership in the spray finishing industry, Binks and DeVilbiss continue to set the equipment standards other brands strive to achieve. Regardless of project type, new and varied coating materials, or other special requirements, Binks and DeVilbiss are dedicated to supporting you with a team of experts – Finishing Specialists, Equipment Design Engineers, Technicians, Trainers and Customer Service Professionals.

We're here to help you improve every aspect of your spray finishing operation – Higher Quality, Increased Productivity, New Cost-Efficiencies, Reduced Downtime, Environmental Compliance... and Improved Bottom-Line Results.



# 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.

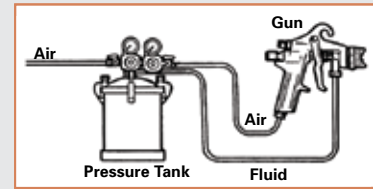
### Air Assisted Airless

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.

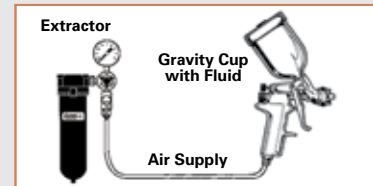
## FLUID DELIVERY OPTIONS



### 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.

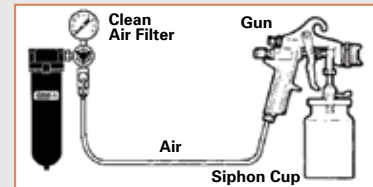
**Advantages:** This method delivers higher volumes of fluids than siphon and gravity-feed set-ups, and will spray a wider range of materials. It also enables independent control of fluid and air pressure.



### 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.

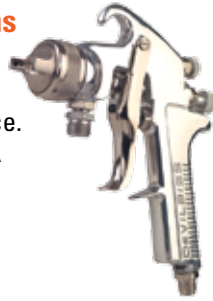
**Advantages:** This fluid cup system offers quick material / color changes, easy clean-up on smaller jobs.



# 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.

## Binks Model 115 Touch Up Gun

The Model 115 is a conventional spray gun designed for touch up, shading, and spotting jobs.



### Features & Benefits:

- Plated brass air caps
- Stainless steel fluid nozzles and needles
- Rugged forged aluminum body with butterfly trigger

**Typical Industrial Coatings:** Solvent and water based paints, 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 ***
6143-0901-5	Touch Up	Binks	115	Conventional	Light-Medium	S / P	2.8	7	78SS	1.8 / .070	78SSx78SD	SS **
6143-0901-3	Touch Up	Binks	115	Conventional	Light-Medium	S / P	4.2	8	78SS	1.8 / .070	78SSx78S	SS **

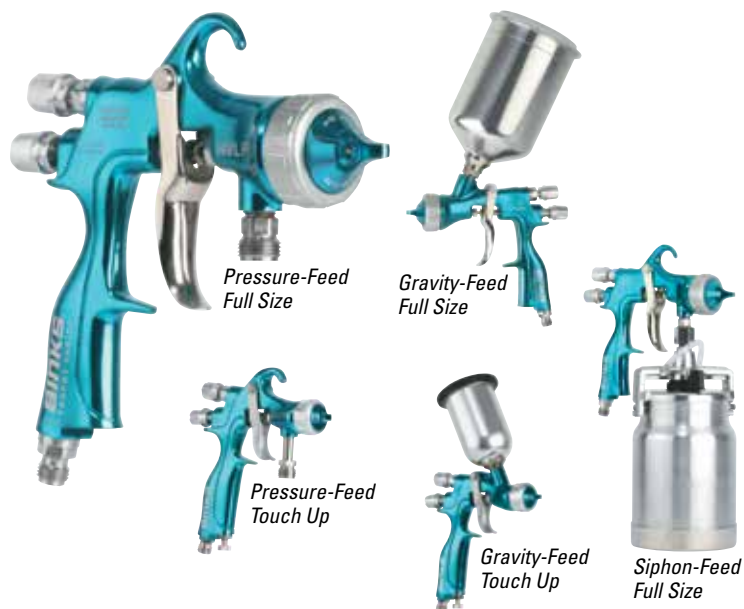
Notes: \* CFM @ 80 psi  
 \*\* UHMWPE and Carboly Tips and Needles are available for this model  
 \*\*\* VT (Vitreous) set-up is available for this model  
 S Siphon Feed  
 P Pressure Feed

## 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.



PART NO.: 7041-6931-1

PART NO.: 98-3161

PART NO.: 98-3162

PART NO.: 98-3164

PART NO.: 7042-6931-4

### CHOOSE YOUR SPRAY GUN

	LIGHT			MEDIUM			HEAVY					
	Sealers	Wash Primers	Stain	Nitro Lacquer	Epoxies	Varnishes	Thinned Latex	Topcoat-Lacquer	Latex	Enamels	Polyurethane	Contact Adhesives
<b>SV50</b> HVLP Gravity 2 Spray Gun Combo Set PART NO.: 98-3170 Set of two guns can accommodate all materials marked Recommended 10-15 CFM / 30-45 psi	■	■	■	■	■	■	■	■	■	■	■	■
<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)	■	■	■	■	■	■	■	■	■	■	■	■



PART NO.: 98-3170



PART NO.: 7042-6931-4



# 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 30° Reverse	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 body 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 spring out of 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 1500 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	01-15	—	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	01-15	—	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	01-15	—	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"i)		
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"i (550 bar)		
72-2333	Micro Swivel 3/8"m x 1/4"i (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	1/4 NPS(m) Thread
Air Inlet:	1/4 NPS(m) Thread	1/4 NPS(m) Thread
Gun Weight: Without Tip, Air Cap, Guard	17.28oz / 490g	17.42oz / 494g
Part Sheet:	77-2921	77-2922



# Atomization *Spray Gun Accessories*



**Cleaning Brushes**  
3/8" Diameter Spiral Brushes  
PART NO.: 42884-214-K5



**Cleaning Brushes**  
5/8" Diameter Spiral Brushes  
PART NO.: 42884-215-K10



**Air Cap Cleaning Kit**  
Air Cap Cleaning Kit – Includes 2 Small Spiral Brushes and 1 Wire Tool on Key Ring  
PART NO.: KK-5060



**Professional Gun Cleaning Kit**  
PART NO.: 192212



**Gun Wrench**  
PART NO.: WR-103



**Gunner's Mate Spray Gun Lube**  
PART NO.: 6-429



**Scrubs Hand Cleaning Towels**  
PART NO.: 29-3100



**Gun Mounted Air Adjusting Valves**  
PART NO.: HAV-500 or HAV-501



**Air Adjusting Valve (not shown)**  
PART NO.: P-H-5516



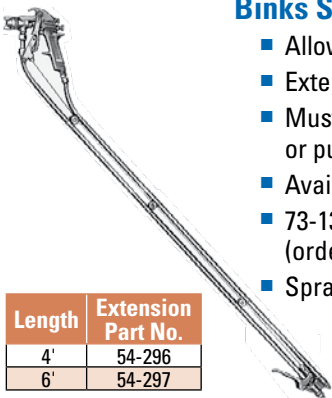
**Gun Mounted Air Regulator w/ Gauge**  
PART NO.: HARG-510



**Whirlwind™ In-Line Air Filter**  
PART NO.: HAF-kn-K12

## Binks Spray Gun Extension Arm

- Allows painter to spray hard to reach places
- Extension arm fits spray gun models
- Must be pressure fed from pressure tank or pump
- Available in 4', 6' and 8' lengths
- 73-131 adapter required for some spray guns (order separately). See chart on the right
- Spray gun not included (order separately)



Length	Extension Part No.
4'	54-296
6'	54-297

## SPRAY GUN COMPATIBILITY CHART

Binks 2100 Spray Gun	73-131 Adapter Not Required
Binks Model 7 Spray Gun	73-131 Adapter Not Required
Binks 2001 Spray Gun	Requires 1 ea 73-131 Adapter
Binks Mach 1 HVLP Spray Gun	Requires 1 ea 73-131 Adapter
Binks Mach 1SL HVLP Spray Gun	Requires 1 ea 73-131 Adapter
Binks 95 Spray Gun	Requires 1 ea 73-131 Adapter
Binks 95SL Spray Gun	Requires 1 ea 73-131 Adapter
Binks SV100 Spray Gun	Requires 2 ea 73-131 Adapter
DeVilbiss MBC Spray Gun	73-131 Adapter Not Required
DeVilbiss JGA Spray Gun	Requires 1 ea 73-131 Adapter
DeVilbiss JGHV HVLP Spray Gun	Requires 1 ea 73-131 Adapter
DeVilbiss EXL Spray Gun	Requires 1 ea 73-131 Adapter
DeVilbiss FLG-III Spray Gun	Requires 1 ea 73-131 Adapter
DeVilbiss Compact Series	Requires 2 ea 73-131 Adapter



# Fluid Delivery *Low Pressure Siphon / Gravity / Pressure Feed Cups*



81-540



54-6106



81-800 (Shown) / 81-810 / 81-820



80-294 (Shown) / 80-511



80-600 / 80-601 / 80-651 (Shown)



80-295

Part No.	Description	Brand	Material Feed	Wetted Parts	Fluid Regulation	Air Agitator	Liner Part No.
Sri-510	4 oz. Gravity Cup	Binks	Gravity	Acetyl (Composite)	No	No	None
81-381	8 oz. Gravity Cup	Binks	Gravity	Aluminum	No	No	None
54-6106	1 qt. Gravity Cup	Binks	Gravity	Aluminum	No	No	OMX-70-K48
81-540	8 oz. Siphon Cup	Binks	Siphon	Aluminum	No	No	None
81-800	1 qt. Drip Free Cup	Binks	Siphon	Aluminum	No	No	None
81-810	1 qt. Drip Free Cup	Binks	Siphon	Aluminum & Non-Stick	No	No	None
81-820	1 qt. Drip Free Cup	Binks	Siphon	Stainless Steel	No	No	None
80-294	1 qt. Pressure Cup	Binks	Pressure	Aluminum	Yes	No	None
80-511	1 qt. Pressure Cup	Binks	Pressure	Stainless Steel	Yes	No	None
80-295	2 qt. Steadi-Grip	Binks	Pressure	Aluminum	Yes	No	None
80-600	2 qt. Steadi-Grip	Binks	Pressure	Aluminum	Yes	No	80-356
80-601	2 qt. Steadi-Grip	Binks	Pressure	Aluminum	Yes	Recip Agitator	80-356
80-651	2 qt. Steadi-Grip	Binks	Pressure	Aluminum	Yes	Rotary Agitator	80-356

## DEKUPS<sup>SM</sup> by DeVilbiss

### CUP SYSTEMS

Part No.	Description	Qty.
DPC-601	24 oz. Disposable Cup / Lid	32
DPC-602	9 oz. Disposable Cup / Lid	32
DPC-600	34 oz. Disposable Cup / Lid	32
DPC-606	24 oz. Reusable Sleeve / Lid	2
DPC-607	9 oz. Reusable Sleeve / Lid	2
DPC-608	34 oz. Reusable Sleeve / Lid	2
DPC-503-K24	3 oz. Vented Disposable Cup / Lid	24

### DEMO KIT

Part No.	Description	Qty.
DPC-654	24 oz. Demo Trial Kit with Adapter, Reusable Sleeve, Disposable Cups, Plugs, Filters	1

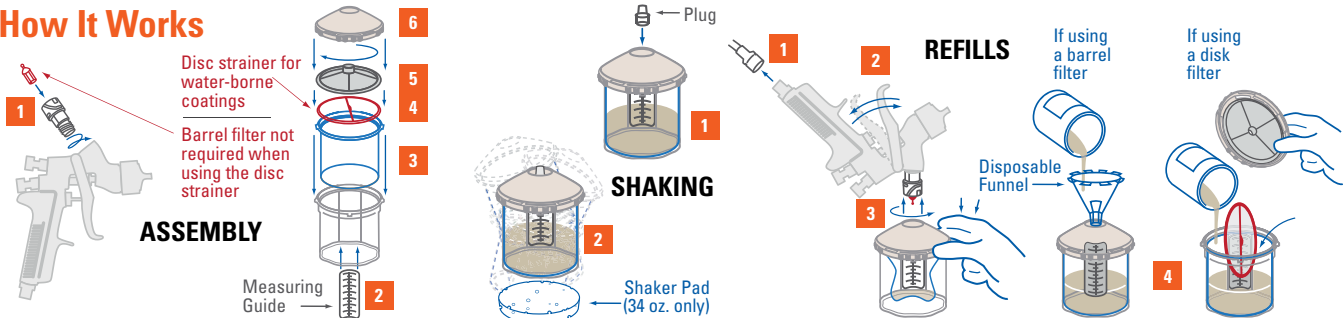
### ADAPTERS

Part No.	Compatible Spray Gun	Qty.
DPC-31	Trophy, Compact, JGA, EXL, FLG, SV100, 95-G, Graco <sup>®</sup> XT	1
DPC-23	Trophy Touch Up, SRI, Cub, Compact Mini	1
DPC-10	SV50 Full Size, Graco Finex, SATA <sup>®</sup> NR2000, RP, Sata Jet 90 Series	1
DPC-11	SATA NR95, Iwata <sup>®</sup> LPH 400 and W400	1
DPC-77	Graco <sup>®</sup> AirPro	1
DPC-78	Kremlin, Iwata SuperNova, Iwata Air Guns, LPH300 and W300	1
DPC-500	Converter for 3M Adapters	1
DPC-502	SATA Mini Conversion Adapter	1
DPC-501	SATA 3000 / 4000	1
DPC-79-K1	Suction: Trophy Touch Up, Cub	1
DPC-69-K1	Suction Conversion Adapter	1
DPC-26	Accuspray <sup>®</sup> Adapter	1

### ACCESSORIES

Part No.	Description	Qty.
DPC-60-K10	Measuring Guide 9 oz.	10
DPC-59-K10	Measuring Guide 24 oz.	10
DPC-61-K10	Measuring Guide 34 oz.	10
DPC-65-K24	Disk Filters 125 Micron 9 oz. and 34 oz.	24
DPC-42-K24	Disk Filters 125 Micron 24 oz and 34 oz.	24
DPC-67-K24	Disk Filters 200 Micron 9 oz.	24
DPC-66-K24	Disk Filters 200 Micron 24 oz. and 34 oz.	24
DPC-27-K10	Barrel Filter - 200 Micron	10
DPC-17-K10	Barrel Filter - 300 Micron	10
DPC-14-K10	Barrel Filter - 600 Micron	10
DPC-22-K24	Disposable Funnels	24
DPC-6-K10	Orange Plugs	10
DPC-44	Cleaning Brush	1
DPC-8	Cleaning Bottle	1

## How It Works



The DeKups<sup>®</sup> System is covered by U.S. Patent Nos. 6,820,824 and 7,374,111, owned by 3M Innovative Properties Co., additional U.S. Patent Nos. 7,380,680; 7,354,074; 7,353,964; 7,350,418; 7,344,040; 7,263,893; 7,165,732; 7,086,549.



# Fluid Delivery Pressure Feed Tanks

## Zinc-Plated & Stainless Steel 2.8 gal. Pressure Tanks

Binks ASME code PT tanks are a great choice in a 2 gallon pressure tank when spraying up to 80 psi of fluid pressure.

- Choose 83C tanks for solvent-borne coatings
- Choose 83Z tanks for water-borne coatings

Air Regulation	Fluid Agitation	Zinc-Plated Throughout, Including Lid, Wetted Parts & Tank Shell	Zinc-Plated Tank Shell, Stainless Steel Lid & Wetted Parts
Single Reg	No Agitation	83C-210	83Z-210
Double Reg	No Agitation	83C-220	83Z-220
Single Reg	Std. Agitation (D)	83C-211	83Z-211
Double Reg	Std. Agitation (D)	83C-221	83Z-221
Disposable Liner	—	PT-78-K10 or K60	PT-78-K10 or K60
Head Gasket	—	PT-33-1	PT-33-1
Service Bulletin	—	SBBI-21-044	SBBI-21-043

NOTE: The air regulator(s) and gauge(s) are shipped inside the tank to prevent damage in shipping. Bottom outlet kits are not available for 83C or 83Z pressure tanks.

(D) =Direct Drive Agitator: Uses direct mount air motor and air adjusting valve.



**BINKS**  
w/ 2 Regulators  
PART NO.: 83C-220



**BINKS**  
w/ Agitator (2 Regulators)  
PART NO.: 83C-221

## Galvanized Steel 2, 5, 10 and 15 Gallon Pressure Tanks

Binks 183G- ASME Code Tanks give you application flexibility for most solvent-borne applications.



All 183G Tanks  
Include Fill Port



**BINKS**  
2 gal.  
PART NO.: 183G-210



**BINKS**  
5 gal.  
PART NO.: 183G-523

### ASME CODE GALVANIZED CARBON STEEL TANKS

Single Regulated	Double Regulated	Single Regulated with Extra Sensitive Regulator	Double Regulated with Extra Sensitive Regulator	Direct Drive Agitator	20:1 Gear Reduced Agitator	2 gal. Tank Part No.	5 gal. Tank Part No.	10 gal. Tank Part No.	15 gal. Tank Part No.
						183G-200	183G-500	183G-1000	183G-1500
■						183G-210	183G-510	183G-1010	183G-1510
■				■		183G-211	—	—	—
■					■	183G-213	183G-513	183G-1013	183G-1513
	■					183G-220	183G-520	183G-1020	183G-1520
	■			■		183G-221	—	—	—
	■				■	183G-223	183G-523	183G-1023	183G-1523
		■				183G-230	183G-530	183G-1030	183G-1530
		■		■		183G-231	—	—	—
		■			■	183G-233	183G-533	183G-1033	183G-1533
			■			183G-240	183G-540	183G-1040	183G-1540
			■	■		183G-241	—	—	—
			■		■	183G-243	183G-543	183G-1043	183G-1543



# Fluid Delivery Pressure Feed Tanks

## Stainless Steel Pressure Tanks

Binks 183S- ASME Code Tanks give you application flexibility with our best chemical resistance. Suitable for water-borne coatings.

ASME CODE STAINLESS STEEL TANKS									
Single Regulated	Double Regulated	Single Regulated with Extra Sensitive Regulator	Double Regulated with Extra Sensitive Regulator	Direct Drive Agitator	20:1 Gear Reduced Agitator	2 gal. Tank Part No.	5 gal. Tank Part No.	10 gal. Tank Part No.	15 gal. Tank Part No.
						183S-200	183S-500	183S-1000	183S-1500
■						183S-210	183S-510	183S-1010	183S-1510
■				■		183S-211	—	—	—
■					■	183S-213	183S-513	183S-1013	183S-1513
	■					183S-220	183S-520	183S-1020	183S-1520
	■			■		183S-221	—	—	—
	■				■	183S-223	183S-523	183S-1023	183S-1523
		■				183S-230	183S-530	183S-1030	183S-1530
		■		■		183S-231	—	—	—
		■			■	183S-233	183S-533	183S-1033	183S-1533
			■			183S-240	183S-540	183S-1040	183S-1540
			■	■		183S-241	—	—	—
			■		■	183S-243	183S-543	183S-1043	183S-1543



All 183S Tanks Include Fill Port



BINKS 5 gal.

PART NO.: 183S-510

## 30 & 60 Gallon Tanks

Binks ASME code 30 and 60 gallon tanks are ideal for larger jobs such as line striping or supporting multiple guns. Choose galvanized units for most applications. Choose stainless steel fitted galvanized tanks for water-borne applications.

ASME CODE 30 & 60 GALLON TANKS					
Single Regulated	20:1 Gear Reduced Agitator	30 Gallon Tank in Galvanized Steel	60 Gallon Tank in Galvanized Steel	30 Gallon Shell in Galvanized Steel (for a Stainless Steel Fitted Tank)	60 Gallon Shell in Galvanized Steel (for a Stainless Steel Fitted Tank)
■		83-5801	83-5701	83-5873 Plus 30 Gallon Liner (See Below)	83-5773 Plus 60 Gallon Liner (See Below)
■	■	83-5807	83-5707	83-5879 Plus 30 Gallon Liner (See Below)	83-5779 Plus 60 Gallon Liner (See Below)

30 & 60 GALLON TANK LINERS			
Top Outlet	Bottom Outlet (Includes Bottom Outlet Kit)	30 Gallon SS Liner	60 Gallon SS Liner
■		83-1569	83-1581
	■	83-2230	83-2229



## Bottom Outlet Kits for 183G- & 183S- ASME Code Tanks:

Bottom outlet kits include sturdy steel legs, mounting fasteners, fittings, and outlet pipe.



	Bottom Outlet Kit	Fluid Outlet if Using Bottom Outlet Kit
2 Gallon Tanks	183-3000	3/4" npt (m) or 3/4" nps (m)
5, 10 and 15 Gallon Tanks	183-3001	3/4" npt (m) or 3/4" nps (m)

183-3005: One leg plus fasteners. Order one to replace a damaged leg. Order three to raise a tank without bottom outlet plumbing.



# Fluid Delivery Solvent Savers & Tank Liners

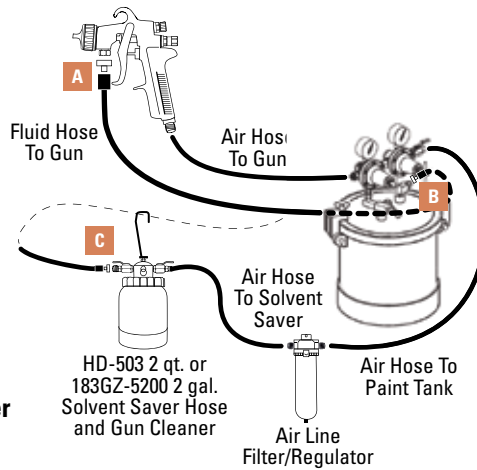
## Solvent Saver



**DEVILBISS**  
2 qt. Hose/  
Gun Cleaner  
Aluminum  
& Brass  
Construction  
PART NO.: HD-503



**BINKS**  
2 gal. Solvent Saver  
Galvanized Steel,  
Aluminum  
& Brass  
Construction  
PART NO.: 183GZ-5200



### TO ORDER QD KIT:

- (2) P-HC-4808-1 QD Body for fluid hose
- (3) P-HC-4482 QD Stem for gun, tank, solvent saver

## How to Use the Solvent Saver

### TO FLUSH FLUID HOSE & GUN:

1. Shut off air pressure to tank - loosen tank lid
2. Loosen air cap on spray gun 2-3 turns
3. Hold rag over air cap, pull trigger, blow atomizing air backward through fluid line into tank
4. Remove QD "B" from tank and connect to QD stem "C" on solvent saver
5. Turn off atomizing air to the spray gun
6. Open ball valve on solvent saver while pulling trigger on spray gun
7. Spray solvent into a grounded waste container until it sprays clear
8. Air/solvent "chop" is cleaning fluid hose and spray gun
9. Connect QD "C" back onto QD Stem "B" on pressure tank
10. If desired, remove QD "A" and attach to QD "C" to flush solvent through pick-up tube of paint tank

## Pressure Tank Liners



- Disposable anti-static polyethylene liners
- Seamless, vacuum-formed pail liners have a contoured lip that snaps over a pail's top bead to prevent leakage between the pail liner and the pail wall

Part No.	Size	Tank Series	Qty.	Liner Dia.	Liner Ht.	Liner Wt.	Shell Inside Dia.
<b>Liners for 2 qt. SG-2 Cups</b>							
80-356	2 qt.	80-350/80-351, 80-451, 80-600, 80-601, 80-651	12	6"	6 1/4"	1 oz.	5.9"
<b>Liners for A.S.M.E. Stainless Steel Pressure Tanks</b>							
6-238-60	2 gal.	83-155XX, 183S & 183G Series	60	9"	10 3/4"	3 oz.	9"
PT-78-K10	2.8 gal.	83Z-2XX, 83S-2XX, QMST-52XX*, 183S & 183G Series	10	9 1/4"	9 1/2"	3 oz.	9 1/2"
PT-78-K60	2.8 gal.	83Z-2XX, 83S-2XX, QMST-52XX*, 183S & 183G Series	60	9 1/4"	9 1/2"	3 oz.	9 1/2"
6-277	5 gal.	83-154XX, 183S & 183G Series	15	13 9/16"	15 3/4"	9.8 oz.	14"
6-278	10 gal.	83-153XX, 183S & 183G Series	12	14"	19 1/2"	10 oz.	14"
PTL-408-K20	9.8 gal.	83S-5XX, QMST-55XX*, 183S & 183G Series	20	13 9/16"	15 3/4"	9.8 oz.	14"
PTL-412-K8	11.8 gal.	83S-10XX, QMST-510XX*, 183S & 183G Series	8	13 1/2"	18 5/8"	10 oz.	14"
PTL-415-K10	19.8 gal.	83S-15XX, QMST-515XX*, 183S & 183G Series	10	13 11/16"	27 9/16"	16 oz.	14"
<b>Liners for A.S.M.E. Galvanized (Zinc-Plated) Steel Pressure Tanks</b>							
6-238-60	2 gal.	83-5XX, 183S & 183G Series	60	9"	10 3/4"	3 oz.	9"
PT-78-K10	2.8 gal.	83C-2XX, 83G-2XX, QMGT-52XX*, 183S & 183G Series	10	9 1/4"	9 1/2"	3 oz.	9 1/2"
PT-78-K60	2.8 gal.	83C-2XX, 83G-2XX, QMGT-52XX*, 183S & 183G Series	60	9 1/4"	9 1/2"	3 oz.	9 1/2"
6-239	5 gal.	83-54XX, 183S & 183G Series	24	11 15/16"	15 3/4"	6.3 oz.	12"
6-240	10 gal.	83-53XX, 183S & 183G Series	12	13 5/8"	21"	10.5 oz.	14"
PTL-408-K20	9.8 gal.	83G-5XX, QMST-55XX*, 183S & 183G Series	20	13 9/16"	15 3/4"	9.8 oz.	14"
PTL-412-K8	11.8 gal.	83G-10XX, QMGT-510XX*, 183S & 183G Series	8	13 1/2"	18 5/8"	10 oz.	14"
PTL-415-K10	19.8 gal.	83G-15XX, QMGT-515XX*, 183S & 183G Series	10	13 11/16"	27 9/16"	16 oz.	14"
<b>Liners for PT Series Steel Pressure Tanks</b>							
PT-78-K10	2.8 gal.	PT-Series*	10	9 1/4"	9 1/2"	3 oz.	9 1/2"
PT-78-K60	2.8 gal.	PT-Series*	60	9 1/4"	9 1/2"	3 oz.	9 1/2"
<b>Liner for 5 gal. Pail</b>							
PL-5GAL-K40	5 gal.	Pail	40	11 1/4"	13"	4.5 oz.	11 1/2"

Most common liners in Green \* Note: QMGT, QMST & PT Series tanks are no longer available for purchase

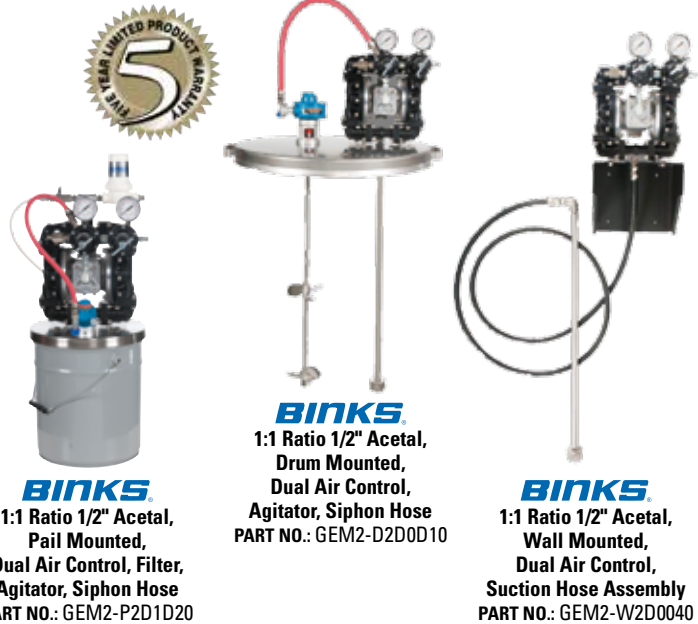


# Fluid Delivery *Low Pressure Pumps*

## Binks Gemini II Double Diaphragm Pumps

Binks Gemini II Diaphragm Pumps are the premier pumps for spraying, transferring, or circulating a variety of coatings. The pump design provides consistent spray patterns for high quality finish applications. The Gemini II pumps are rugged and designed to provide longer pump life.

- **Up to 38% More Fluid Delivery Per Stroke**  
Longer equipment life and lower maintenance costs
- **Short Stroke Pump Specifically Designed for Spraying Applications**  
Pulsation reduction is greater than competition
- **Customized Pump Packages**  
Design a pump package for a specific application
- **Pump Outfits Available with Trophy Guns**  
Trophy guns feature a new lightweight and ergonomic design
- **5-Year Limited Product Warranty**  
The finishing industry's best warranty



Additional information for Gemini II Series Pumps and outfits available in catalog A41-108.

## Binks Pogo Plus Low Pressure Pumps For High Volume Fluid Transfer & Spray Applications



Pogo Plus series, two-ball, double acting piston "stick" pumps are designed for the application and transfer of low-medium viscosity fluids. Models are available in Stainless Steel with either PTFE or UHMWE packings and are compatible with a wide variety of materials including water or solvent-borne paints and adhesives and most solvents. Pogo Plus pumps have a 4:1 ratio and are available with maximum pressure ratings of 290 psi or 500 psi.

- **Patented Air Motor Design**  
Utilizes AX55 air motor to provide quick changeover and reduced pulsation
- **Durable Pump Design**  
Reduces maintenance cost
- **Customized Pump Packages**  
Design a pump package for a specific application
- **Pump Outfit Available with Trophy Gun**  
Trophy guns feature a new lightweight and ergonomic design
- **5-Year Limited Product Warranty**  
The finishing industry's best warranty

SPRAY FINISHING OUTFITS		
Outfit	98-3062	98-3063
Pump	PX1304-5U	PX1304-5U
Gun	Trophy Conventional 2465-18CN-11SO	2100 66SS x 66SD-3
Air Control	41-28272	41-28272
Air Hose 25 ft.	71-4803	71-4803
Fluid Hose 25 ft.	71-3303	71-3303
Drum Bung Adaptor	41-28331	41-28331

POGO PLUS PUMP PERFORMANCE				
	PX1304-5U	PX1304-5P	PX1304-8U	PX1304-8P
Pressure Ratio	4:1	4:1	4:1	4:1
Air Inlet Pressure (bar)	0-72.5 psi (5)	0-72.5 psi (5)	0-116 psi (8)	0-116 psi (8)
Fluid Pressure (bar)	0-290 psi (20)	0-290 psi (20)	0-500 psi (34)	0-500 psi (34)
Cycles Per Gallon	47	47	47	47
Displacement Per Cycle	2.7 (81 cc)	2.7 (81 cc)	2.7 (81 cc)	2.7 (81 cc)
Flow @ 60 Cycles/Min	1.3 gal. (4.91/m)	1.3 gal. (4.91/m)	1.3 gal. (4.91/m)	1.3 gal. (4.91/m)
Packing Material	UHMW	PTFE	UHMW	PTFE





# Fluid Delivery Air Assisted Airless Medium Pressure Pumps

## BINKS MX PISTON PUMPS SERIES

- 12:1 and 32:1 ratio packages
- .4 GPM fluid delivery
- Ideal for thin to medium viscosity coatings
- Designed for single gun applications
- Cart, tripod or wall mount options
- Complete packages include gun, hose, air controls, filter and siphon hose

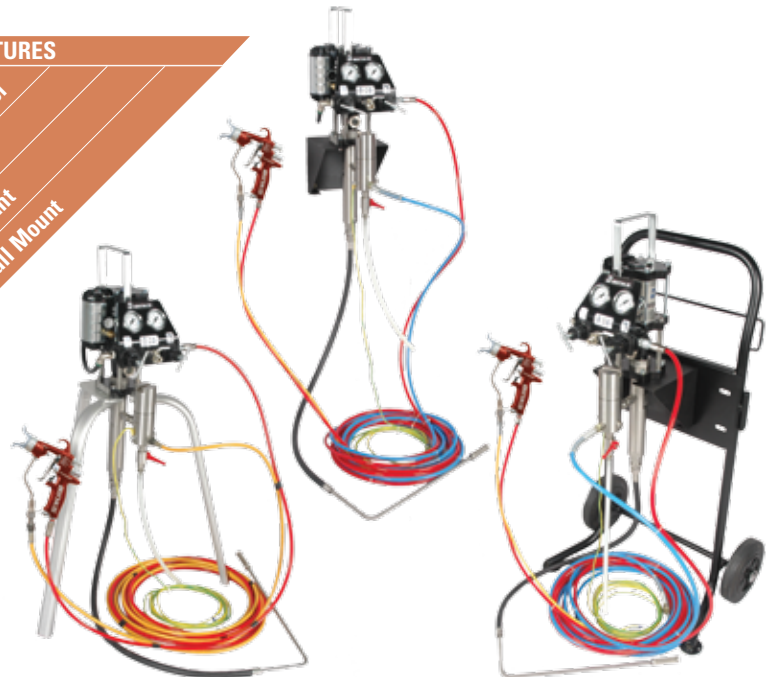


### Standard Outfits

Model	GPM at 60 cycles/min		FEATURES											
	Ratio		UHMWPE	PTFE/UHMWPE	AA1600M	AA1600M	AA4400M	AA4400M	Air Assist	Cart Mount	Tripod Mount	Wall Mount	Stainless Steel	5 Gallon Siphon
MX412UC-EDC1S25	0.4	12:1	■	■					■	■		■	■	■
MX412UC-FDC1S25	0.4	12:1	■		■				■	■		■	■	■
MX412UC-EDT1S25	0.4	12:1	■	■					■		■	■	■	■
MX412UC-FDT1S25	0.4	12:1	■		■				■		■	■	■	■
MX412UC-EDW1S25	0.4	12:1	■	■					■		■	■	■	■
MX412UC-FDW1S25	0.4	12:1	■		■				■		■	■	■	■
MX432PU-GDC1S25	0.4	32:1		■		■			■	■		■	■	■
MX432PU-HDC1S25	0.4	32:1		■				■	■	■		■	■	■
MX432PU-GDT1S25	0.4	32:1		■			■			■		■	■	■
MX432PU-HDT1S25	0.4	32:1		■				■	■		■	■	■	■
MX432PU-GDW1S25	0.4	32:1		■			■			■		■	■	■
MX432PU-HDW1S25	0.4	32:1		■				■	■		■	■	■	■

### Special Ordering Options

Model	GPM at 60 cycles/min		FEATURES					
	Ratio		UHMWPE	PTFE/UHMWPE	Air Assist	Cart Mount	Tripod Mount	Wall Mount
MX412UC-0DC0000	0.4	12:1	■	■	■			
MX412UC-0DT0000	0.4	12:1	■	■		■		
MX412UC-0DW0000	0.4	12:1	■	■			■	
MX412UC	0.4	12:1	■					
MX412PU-0DW0000	0.4	12:1		■	■		■	
MX412PU	0.4	12:1		■				
MX432PU-0DC0000	0.4	32:1		■	■	■		
MX432PU-0DT000	0.4	32:1		■	■		■	
MX432PU-0DW0000	0.4	32:1		■	■		■	
MX432PU	0.4	32:1		■				
MX432UC-0DW0000	0.4	32:1	■		■			■
MX432UC	0.4	32:1	■					



# Fluid Delivery Air Assisted Airless Medium Pressure Pumps

## BINKS MX SERIES PISTON PUMPS

- 12:1 and 31:1 ratio packages
- 1.2 GPM fluid delivery
- Ideal for thin to medium viscosity coatings
- Supports 1-2 guns in air assisted airless applications
- Cart or wall mount options
- Complete packages include gun, hose, air controls, filter and siphon hose



### Standard Outfits

Model	GPM at 60 cycles/min		Ratio		FEATURES								
	1.2	31:1	UHMWPE	PTFE/UHMWPE	AA1600M Spray Gun with 114-01310 Flat Tip	AA1600M Spray Gun with 114-01310 Twist Tip	AA4400M Spray Gun with 114-01310 Flat Tip	AA4400M Spray Gun with 114-01310 Twist Tip	Air Assist Airless	Cart Mount	Wall Mount	Stainless Steel Filter	5 Gallon Siphon
MX1212UC-EDC1S25	1.2	12:1	■	■				■	■		■	■	■
MX1212UC-FDC1S25	1.2	12:1	■		■			■	■		■	■	■
MX1212UC-EDW1S25	1.2	12:1	■	■				■		■	■	■	■
MX1212UC-FDW1S25	1.2	12:1	■		■			■	■		■	■	■
MX1231PU-GDC1S25	1.2	31:1		■		■		■	■		■	■	■
MX1231PU-HDC1S25	1.2	31:1		■			■	■	■		■	■	■
MX1231PU-GDW1S25	1.2	31:1		■		■		■	■		■	■	■
MX1231PU-HDW1S25	1.2	31:1		■			■	■	■		■	■	■

### Special Ordering Options

Model	GPM at 60 cycles/min		Ratio		FEATURES					
	1.2	31:1	UHMWPE	PTFE/UHMWPE	Air Assist Airless	Cart Mount	Wall Mount	Stainless Steel Filter	5 Gallon Siphon	25' of Fluid and Air Hose
MX1212UC-ODC0000	1.2	12:1	■	■	■					
MX1212UC-ODW0000	1.2	12:1	■	■						
MX1212UC	1.2	12:1	■	■						■
MX1212PU-ODW0000	1.2	12:1		■						
MX1212PU	1.2	12:1		■	■					■
MX1231PU-ODC0000	1.2	31:1		■	■	■				
MX1231PU-ODW0000	1.2	31:1		■	■					
MX1231PU	1.2	31:1		■	■					■
MX1231UC-ODW0000	1.2	31:1	■							
MX1231UC	1.2	31:1	■	■						■



1. Large exhaust valves allow quick changeover for smooth spray operation
2. Magnetic Detent spool valve (patent pending) and quick dump air valves enable air motor to switch over quickly
3. 1.2 GPM @ 60 cycles/min supports 1-2 gun spraying
4. Self adjusting packings for longer life
5. Balanced, stepped rod fluid section with hard chromed surface minimizes wear and maximizes time-between-rebuilds



# Fluid Delivery *Airless & Air Assisted Airless* High Pressure Pumps



## Binks MX Series Heavy Duty Airless & Air Assisted Airless Spray Outfits

Binks MX Pumps are a completely new design in air operated pump technology using a patented magnetic detent to provide fast changeover of the piston stroke with virtually no pulsation. The result is more speed with a more consistent finish.

The MX pumps are available in ratios of 36:1, 42:1, 60:1 and 70:1 with fluid deliveries of 3.0 or 3.5 GPM.

### Typical Applications:

#### Corrosion Protection For –

- Steel fabrications and structures
- Marine and ship building
- Pipe
- Off road vehicles
- Storage tanks
- Trailer and railcar manufacturers



#### Mounting Setups:

- Bare Pump (no mount provided)
- Cart Mount (shown at left)
- Wall Mount

1. Air controls included for pump and/or air assist spray gun applications
2. Air motor silencer for quiet operation
3. "No-Ice" air motor design keeps the pump from icing up
4. Patented anti-stall magnetic detent technology with quick exhaust valves feature low to no ice operation and uninterrupted production
5. Self adjusting packings increase life with even wear
6. Flat free tires require no maintenance

## MX Series Ordering Information

MX3560 60:1 pump carbon steel lower fluid section with PTFE/UHMW packings sold with a 100 mesh filter, 5 gal. siphon kit, Airless 7500 gun w/ fluid tube no tip, 50' airless hose with 5' whip hose.

\*Specify tip separately when ordering

### ORDERING SYSTEM FOR AIRLESS OUTFITS

	A	B	C	D	E	F	G	H		
<b>MX</b>	<b>35</b>	<b>60</b>	<b>PU-</b>	<b>C</b>	<b>A</b>	<b>C</b>	<b>1</b>	<b>S</b>	<b>3</b>	<b>2</b>
<b>A</b>	<b>OUTPUT</b>				<b>E</b>	<b>FILTER</b>				
30	=	3.0 GPM			1	=	100 Mesh			
35	=	3.5 GPM			3	=	30 Mesh			
<b>E</b>	<b>RATIO</b>				<b>F</b>	<b>SIPHON</b>				
36	=	36:1			5	=	50 Mesh			
42	=	42:1			7	=	70 Mesh			
60	=	60:1			<b>G</b>	<b>GUN</b>				
70	=	70:1			0	=	None			
<b>C</b>	<b>MATERIAL</b>				<b>S</b>	<b>5 Gallon</b>				
C	=	Carbon Steel			T	=	55 Gallon			
S	=	Stainless Steel			<b>H</b>	<b>HOSE</b>				
<b>D</b>	<b>MOUNTING</b>				3	=	Airless 75			
C	=	Cart			0	=	None			
W	=	Wall			2	=	25 Feet			
					5	=	50 Feet			

### AIR ASSISTED AIRLESS OUTFITS

98-3230 Single Gun Outfit	Outfit Components	98-3231 2 Gun Outfit
1	MX3536PU-C4C5500 36:1 Ratio, 3.5 GPM Pump, Carbon Steel Fluid Section, Cart Mount, with 50 Mesh Fluid Filter and 5 Gal. Siphon Tube	1
1	28' Air Tubing for Atomizing Air	2
1	25' High Pressure Fluid Hose (1/4" I.D. / 4,000 psi)	2
1	3' High Pressure Whip Hose (1/8" I.D. / 5,000 psi)	2
1	Air Controls for 1 or 2 Guns	2
1	0909-4400-HT0000 AA4400M Air Assisted Airless Spray Gun with HVLP Air Cap and Twist Tip Guard (Tip Not Included - Order Separately)	2

Note: Twist tip not included - order separately

7. Heavy duty cart with lower "grab" handles for easy lifting
8. Carbon or stainless steel housing with ceramic coated step rod design reduces friction in the pump rod movement and is proven tough to increase packing life
9. Large 1 1/2" "knock off" fluid inlet for faster pump assembly and disassembly in the field

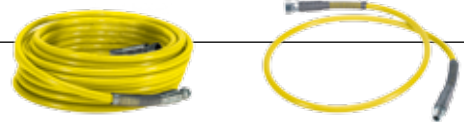


# Fluid Delivery Accessories

## MX Series Accessories, Spares & Kits

Binks MX Accessories and Spares	MX3042	MX3536	MX3560	MX3070
Airless 75 Gun with Stainless Steel Fluid Tube		0811-7500-1		
Airless 75 Gun Direct Connect		0811-7500-2		
Airless 75 Gun Direct Connect Large Passage		0811-7500-3		
Airless 75M Gun with 3/8" Fluid Opening		0811-7500-4		
Cart Assembly	41-28280-200		41-28280-MX	
Wall Bracket Assembly	104116		104095	
Silencer	192509			
Binks Micro-Swivel 1/4" NPS (F) to 1/4" NPS (M) (7,550 psi)	72-2332			
Binks Micro-Swivel 1/4" NPS (F) to 3/8" NPS (M) (7,550 psi)	72-2333			
High Pressure Filter Elements				
30 Mesh	0114-014917			
50 Mesh	0114-014886			
70 Mesh	0114-014884			
100 Mesh	0114-014883			
Air Motor Spares Kit	MX3042	MX3536	MX3560	MX3070
Seal Kit	250703		250645	
Cylinder Seal Kit	250702		250648	
Hardware Kit	250701		250650	
Air Valve Repair Kit	250649			
Exhaust Seal Kit	250651			
Fluid Section Repair Kit	MX3042	MX3536	MX3560	MX3070
Fluid Section Rebuild Kit	250665	250661	250661	250665
Fluid Section Seal Kit	250663	250659	250659	250663

Air Assist Airless packages are available by contacting Binks Customer Service.



## Airless Fluid Hose Assemblies

AIRLESS PAINT HOSE (CONDUCTIVE)						
Part No.	Size	Max. Working Pressure	Tube Material	Connection Type	Threads	Connection Material
71-4830	1/4" i.d. x 25'	4,000 psi	Nylon	Permanent w/ Spring Guards	1/4" nps (f)	Steel Plated
71-4831	1/4" i.d. x 50'	4,000 psi	Nylon	Permanent w/ Spring Guards	1/4" nps (f)	Steel Plated
71-4840	1/4" i.d. x 25'	10,000 psi	Nylon	Permanent w/ Spring Guards	1/4" nps (f)	Steel Plated
71-4841	1/4" i.d. x 50'	10,000 psi	Nylon	Permanent w/ Spring Guards	1/4" nps (f)	Steel Plated
71-4850	3/8" i.d. x 25'	3,500 psi	Nylon	Permanent w/ Spring Guards	3/8" nps (f)	Steel Plated
71-4851	3/8" i.d. x 50'	3,500 psi	Nylon	Permanent w/ Spring Guards	3/8" nps (f)	Steel Plated
71-4860	3/8" i.d. x 25'	8,000 psi	Nylon	Permanent w/ Spring Guards	3/8" nps (f)	Steel Plated
71-4861	3/8" i.d. x 50'	8,000 psi	Nylon	Permanent w/ Spring Guards	3/8" nps (f)	Steel Plated
WHIP-END FLUID HOSE ASSEMBLIES						
Part No.	Size	Max. Working Pressure	Tube Material	Connection Type	Threads	Connection Material
71-8360	3/16" i.d. x 30"	3,000 psi	Nylon	Permanent w/ Spring Guards	1/4" nps (f) x 1/4" npt (m)	Steel Plated
71-6844	1/8" i.d. x 3'	5,000 psi	Nylon	Permanent w/ Spring Guards	1/4" nps (f) x 1/4" npt (m)	Steel Plated
71-4870	1/4" i.d. x 3'	10,000 psi	Nylon	Permanent w/ Spring Guards	3/8" nps (m) x 1/4" nps (f)	Steel Plated
71-4871	1/4" i.d. x 3'	10,000 psi	Nylon	Permanent w/ Spring Guards	1/4" nps (m) x 1/4" nps (f)	Steel Plated
AIR ASSIST AIRLESS FLUID HOSE ASSEMBLIES						
Part No.	Size	Max. Working Pressure	Tube Material	Connection Type	Threads	Connection Material
71-4992	1/8" i.d. x 15'	4,000 psi	Nylon	Permanent w/ Spring Guards	1/4" npt (f)	Stainless Steel
71-4993	1/8" i.d. x 25'	5,000 psi	Nylon	Permanent w/ Spring Guards	1/4" npt (f)	Stainless Steel
71-4995	3/16" i.d. x 25'	1,900 psi	Nylon	Permanent w/ Spring Guards	1/4" npt (f)	Stainless Steel
1/4" I.D. AIR TUBING (AIR ASSIST AIR SUPPLY TO GUN)						
Part No.	Size	Max. Working Pressure	Tube Material	Connection Type	Threads	Connection Material
71-4803	1/4" i.d. x 28'	100 psi	Poly-Urethane (red)	None*	—	—
71-4804	1/4" i.d. x 53'	100 psi	Poly-Urethane (red)	None*	—	—

\*See page 5-11 Catalog A28-100R Accessories Guide for connections



# Fluid Delivery *Accessories*

## Binks Quick-Mixers for Container Sizes of 5 to 55 gallons

- Designed for standard and for extra heavy industrial uses
- **All Purpose:** Unsurpassed for paint, resins, chemicals, and slurries
- **High Performance:** Explosion-proof direct drive
- **Air Motors:** 1/2 HP (standard); Implosion-Type
- High shear mixer blades thoroughly mix 5 gallons of paint in less than 60 seconds
- **Rugged:** Stainless steel shaft and impeller
- Specially welded stress points makes mixer virtually unbreakable



<b>Model No. Complete:</b>	149-873 (1/2 HP)	149-874 (1/2 HP)
<b>Model No. Stainless Steel Mixer Only:</b>	149-365 (shown)	149-693
<b>Container Size:</b>	5 and 10 gallons	55 gallons
<b>Shaft Length x Diameter:</b>	21 in. x 1/2 in.	40 in. x 1/2 in.
<b>Impeller Diameter:</b>	5 in.	5 in.
<b>Shaft Length:</b>	21 in.	40 in.
<b>Shipping Weight:</b>	9 lbs.	10 lbs.
<b>Ref. Part Sheet:</b>	77-2826	77-2826



## Binks Fluid Heaters

Working capacity to 5000 psi and with adjustable thermostatic control from 60° to 250°F.

**BINKS**  
PART NO.: 830000

Part No.	Description
830000	120 vac (16.6 amps)
830001	240 vac (8.33 amps)

## Binks Agitators

5 gal. pail-mounted direct drive agitator fitted with zinc plated chromate cover.

See Catalog A31-7R-1 for the full line of Binks Agitators

**BINKS**  
PART NO.: 31-425



# Fluid Delivery *Vinyl Ester Outfit*



## Pump Ratio 37:1 - 2960 psi (204 bar)

Ideally suited for Vinyl Ester applications requiring .5% to 3.5% catalyst ratios

## Binks Vinyl Ester Spray Finishing Outfit - 105-1401

The Binks B8-D 37:1 ratio cart mount system is a complete pumping system which includes a Binks Century vinyl ester spray gun, cart, 50 ft. each of air, catalyst and material hose assemblies and a 55 gallon siphon hose assembly.

### Features & Benefits:

- External mix Binks Century HVLP Vinyl Ester spray gun eliminates flushing
- HVLP complies with many environmental regulations and delivers excellent transfer efficiency
- Dual acting trigger lock
- Catalyst and resin pump are coupled, which assures accurate volumetric ratio
- Catalyst pump meters catalyst from ratios of 0.5% to 3.5%
- Catalyst pump ratio bar has etched markings that do not dissolve with solvent exposure
- B8-D 37:1 - 2960 psi pump is capable of supplying 3.4 GPM (12.9 l/m) at 60 cycles/min. of resin

### B8-D Vinyl Ester Pump Specifications:

- **Air Motor:** B8
- **Pump Ratio:** 37:1
- **Main Air Inlet Size :** 1/2" nps (m)
- **Spray Gun:** Binks Century Vinyl Ester HVLP Spray Gun (102-2545)
- **Max Air Input Pressure:** 80 psi (5.5 bar)
- **Max Fluid Pressure:** 2960 psi (204 bar)
- **Air Req'd. @20 Cycles Per Min. @ 80 psi:** 37 cfm (140 l/m)
- **Resin Pump Wetted Parts:** Stainless Steel, Tungsten Carbide, Chrome Plated Steel, PTFE, UHMWPE
- **Catalyst Pump Wetted Parts:** Stainless Steel, Silicone Rubber, PTFE

### Component Part Sheets:

- 77-2897 - Vinyl Ester System
- 77-2470 - Flow Meter
- 77-2892 - Fluid Section (101-9286)
- 77-2835 - Catalyst Bottle
- 77-2882 - Pulse Bottle
- 77-2520 - Binks Century Vinyl Ester Spray Gun
- 77-2213 - B8 Air Motor
- 77-2728 - Catalyst Pump
- 77-2902 - Small Cart
- 77-2881 - Air Control
- 77-5300 - Safety Booklet



The Binks vinyl ester system features the highly acclaimed Binks Century HVLP vinyl ester spray gun.

SYSTEM COMPONENT LIST	
Part No.	Description
105-1401	Binks B8-D 37:1 Cart Mount Outfit
102-2545	Century Vinyl Ester Spray Gun (Less Tip)
108-9 Series	Tip Assembly - Order Separately (Ref. Part Sheet 77-2520 for 108-9 Tip Sizes)
103-1789	B8-D Pump Assembly
103-1733	Air Control Assembly
103-1068	Siphon Kit 1" - 55 gallon
102-3030	Catalyst Hose 50 ft.
71-1206	Air Hose 50 ft.
71-8425	Material Hose 50 ft.
41-28050	Small Cart Assembly



# CleanAir Air Control Equipment

DeVilbiss has what you need to make your finishes nothing but the best. By adding air filtration to your finishing equipment, you are ensuring that contaminants such as dirt, oil and water won't appear in your finish because of dirty air.

## CleanAir Centrifugal Filter-Regulator Units

Excellent for eliminating moisture and dirt from an air supply

DeVilbiss CleanAir centrifugal units supply cleaner, drier air to each spray gun in a system. This cleaner air can also increase the life of pneumatic tools.

- Filters out water and oil aerosols and dirt particulates to 5 microns
- Ideal for most spray applications, air tools and equipment
- Water droplets collected in the bowl are removed by an automatic drain (standard feature) — no need to manually drain



CENTRIFUGAL AIR FILTER UNITS			
Part No.	HAF-502	HAF-503	HAF-505
Filtering Capacity	5 micron	5 micron	.01 micron
Flow Rate (CFM)	100 @ 90 psi	150 @ 90 psi	55 @ 90 psi
Max. Inlet Pressure	150 psi / 10.3 bar	150 psi / 10.3 bar	150 psi / 10.3 bar
Max. Operating Temp.	150°F / 65.6°C	150°F / 65.6°C	150°F / 65.6°C
Inlet Port Size	1/2" NPT (F)	3/4" NPT (F)	1/2" NPT (F)
Outlet Port Size	1/2" NPT (F)	3/4" NPT (F)	1/2" NPT (F)
Bowl Capacity	17 oz.	34 oz.	17 oz.
Shipping Weight	1 lb. 7 oz.	3 lbs. 1 oz.	1 lb. 8 oz.
Auto Drain	Std.	Std.	Std.
Service Bulletin	SB-6-146	SB-6-148	SB-6-152

CENTRIFUGAL FILTER-REGULATOR UNITS			
Part No.	HFRL-508	HFRL-509	HFRL-511
Filtering Capacity	5 micron	5 micron	5 micron
Flow Rate (CFM)	60+	80+	120+
Max. Inlet Pressure	150 psi / 10.3 bar	150 psi / 10.3 bar	150 psi / 10.3 bar
Regulated Pressure Range (psi)	0 - 125	0 - 125	0 - 125
Max. Operating Temp.	150°F / 65.6°C	150°F / 65.6°C	150°F / 65.6°C
Inlet Port Size	1/2" npt (f)	3/4" npt (f)	3/4" npt (f)
Regulated Outlets (w/ ball valve)	(1) 1/4" nps (m)	(2) 1/4" nps (m)	(4) 1/4" nps (m)
Non-Regulated Outlets (w/ ball valve)	(1) 1/4" nps (m)	(1) 1/4" nps (m)	(1) 1/4" nps (m)
Bowl Capacity	17 oz.	34 oz.	34 oz.
Air Filter Included	HAF-502	HAF-503	HAF-503
Quantity of Air Regulators/Model	(1) HAR-507	(1) HAR-507	(2) HAR-507
Air Gauges (0 - 100 psi)	1	1	2
Air Gauges (0 - 160 psi)	1	1	1
Shipping Weight	9 lbs.	15 lbs.	18 lbs.
Service Bulletin	SB-6-146	SB-6-148	SB-6-148

## FRC-650 All-In-One

filter, regulator and coalescer

### A Unique Product in the Finishing Market

- FRC-650 All-In-One combines a filter, regulator and coalescer for shop air into one compact unit
- Four 1/4" nps (m) ball valves with unrestricted air passages, (three regulated plus one unregulated outlet)
- Automatic drains at each stage eliminate water build-up — no need to manually drain

### FRC-650 Specifications:

- Type of Air Regulation: Diaphragm
- Air Inlet Port Size: 1/2" Pipe Thread-(1)
- Air Outlet Port Size: 1/4" nps (m)-(4)
- Regulated Air Outlets: 3
- Unregulated Air Outlets: 1
- Filtered Line Air Inlet: 1
- Max. Working Temperature: 170°F / 80°C
- Max. Air Inlet Pressure: 175 psi (12.3 kgf/cm<sup>2</sup>)
- Regulated Outlet Pressure: 0 -125 psi (0 - 8.8 kgf/cm<sup>2</sup>)
- Flow Rate: 100 cfm
- First Stage Filtering Capacity: 5 micron
- Second Stage Filtering Capacity: 1 micron
- Bowl and Body Construction: Aluminum
- Drain: Automatic
- Service Bulletin: SB-6-377



## CleanAir Three-Stage Desiccant Unit

Provides the ultimate in clean dry air filter

- Ideally suited for low to medium production
- DAD-500 air-drying system includes three filtering units, as well as a wall mount bracket and desiccant filter change indicator
- Centrifugal and coalescer units include automatic bowl drain (standard feature) — no need to manually drain
- Coalescer filter includes filter change indicator
- Desiccant filter includes sight glass indicator (Changes color when desiccant needs replacement)



DAD-500* DESICCANT AIR DRYING SYSTEM	
Desiccant System Units	DAD-500 Air Drying System*
Air Inlet	1/2" NPT (F)
Air Outlet	1/2" NPT (F)
Max. Operating Pressure (psi)	150
Replacement Filters/Desiccant	DAD-1 <sup>†</sup>
Service Bulletin	SB-6-156
Air Flow Capacity (cfm)	25

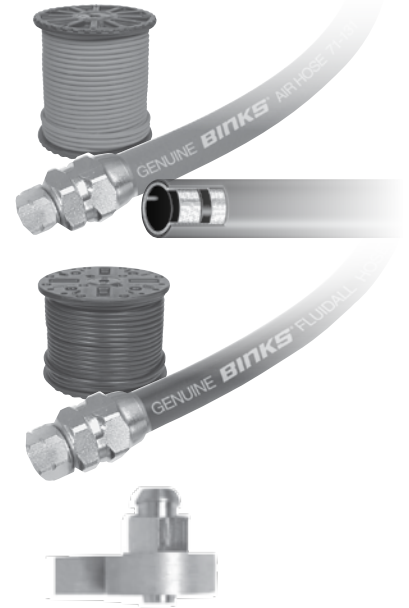
\*Includes HAF-502, HAF-505 and HAR-507 †Shipping Weight Approx. 10 lbs.



# Low Pressure Air & Fluid Hose & Connections

## Hose, Connections & Assemblies

Sizes Available		Bulk Hose Number	Maximum Working Pressure	Bend Radius	Std. Reel Length in Ft. 1 Piece Reels	Approx. Shipping Weight Based on Ft. Per Reel	Hose Weight Per 100 Ft.
i.d.	o.d.						
<b>PREMIUM SPRAY FINISHING AIR BULK HOSE CHART – SMOOTH COVER</b>							
1/4"	1/2"	71-10000	250 psi	2 3/4"	500	50 lbs.	10 lbs.
5/16"	5/8"	71-11000	250 psi	3"	500	87 lbs.	16.2 lbs.
3/8"	11/16"	71-12000	250 psi	3 1/2"	500	96 lbs.	18 lbs.
1/2"	7/8"	71-13000	250 psi	5"	300	86 lbs.	26.8 lbs.
3/4"	1 1/8"	71-14000	250 psi	6"	300	112 lbs.	35 lbs.
<b>FLUIDALL™ FLUID BULK HOSE CHART (NYLON LINED, MAX. VERSATILITY) – SMOOTH COVER</b>							
1/4"	1/2"	71-280	500 psi	3"	500	43 lbs.	8 lbs.
3/8"	11/16"	71-282	500 psi	3 1/2"	500	83 lbs.	15 lbs.
1/2"	7/8"	71-283	750 psi	5"	300	74 lbs.	22 lbs.
3/4"	1 3/16"	71-284	750 psi	8"	300	118 lbs.	36 lbs.
1"	1 1/2"	71-285	750 psi	12"	300	168 lbs.	53 lbs.



Type A. Plated Brass



Type B. Plated Brass



Type C. Plated Brass

CONNECTIONS FOR PREMIUM & STATIC WIRE AIR HOSE						
Hose Size		Bulk Hose No.	Connections		Compression Sleeve	Type
i.d.	o.d.		Thread	Part No.		
1/4"	1/2"	71-10000	1/4" nps(f)	72-1303	HC-20-K10	A
			3/8" nps(f)	72-1306	HC-20-K10	A
			3/8" nps(f)s.s.	72-2143*	72-854-5	A
5/16"	5/8"	71-11000 71-20000	1/4" nps(f)	72-1317	HC-12-K10	A
			1/4" npt(m)	72-1478	HC-12-K10	B
			3/8" nps(f)	72-1320	HC-12-K10	A
3/8"	11/16"	71-12000	1/4" nps(f)	72-1325	HC-23-K10	A
			3/8" nps(f)	72-1328	HC-23-K10	A
			3/8" nps(f)s.s.	72-2146*	72-854-5	A
1/2"	7/8"	71-13000	3/8" nps(f)	72-1333	HC-33	A
			1/2" nps(f)	72-1334	HC-33	A
			1/2" nps(f)	72-954 <sup>†</sup> *	—	C
3/4"	1 3/16"	71-14000	3/4" nps(f)	72-1336 <sup>†</sup>	—	C
			3/4" nps(f)	72-417 <sup>†</sup>	—	C
			3/4" nps(f)	72-955 <sup>†</sup> *	—	C
			3/4" nps(f)	72-1935	—	—

CONNECTIONS FOR FLUIDALL™ FLUID HOSE						
Hose Size		Bulk Hose No.	Connections		Compression Sleeve	Type
i.d.	o.d.		Thread	Part No.		
1/4"	1/2"	71-280	1/4" nps(f)	72-1303	HC-20-K10	A
			3/8" nps(f)	72-1306	HC-20-K10	A
			3/8" nps(f)s.s.	72-2143*	72-854-5	A
3/8"	11/16"	71-282	1/4" nps(f)	72-1325	HC-23-K10	A
			3/8" nps(f)	72-1328	HC-23-K10	A
			3/8" nps(f)s.s.	72-2146*	72-856-5	A
1/2"	7/8"	71-283	3/8" nps(f)	72-1333	HC-33	A
			1/2" nps(f)	72-1334	HC-33	A
			1/2" nps(f)	72-954 <sup>†</sup> *	—	C
3/4"	1 3/16"	71-284	3/4" nps(f)	72-1336 <sup>†</sup>	—	C
			3/4" nps(f)	72-417 <sup>†</sup>	—	C
			3/4" nps(f)	72-955 <sup>†</sup> *	—	C
			3/4" nps(f)	72-1935	—	—
1"	1 1/2"	71-285	1" nps(f)	72-418 <sup>†</sup>	—	C
			1" nps(f)	72-956 <sup>†</sup> *	—	C
			1" nps(f)	72-1936	—	—

ERGFLEX™ AIR HOSE CONNECTIONS						
3/8"	.646"	71-31000	1/4" nps(f)	72-2008	HC-12-K10	A

<sup>†</sup>Punch-Lok Connection \*Stainless Steel Tailpiece

<sup>†</sup>Punch-Lok Connection \*Stainless Steel Tailpiece

1/4" I.D. AIR TUBING ASSEMBLIES (LOW PRESSURE – AIR ASSIST SUPPLY)							
Part No.	Bulk Hose No.	Size	Max. Working Pressure	Tube Material	Connection Part No.	Threads	Connection Material
54-4989	54-4987	1/4" i.d. x 3/8" o.d. x 25 ft.	100 psi	Polyurethane (red)	None	n/a	n/a
71-4800	54-4987	1/4" i.d. x 3/8" o.d. x 35 ft.	100 psi	Polyurethane (red)	None	n/a	n/a
71-4801	54-4987	1/4" i.d. x 3/8" o.d. x 50 ft.	100 psi	Polyurethane (red)	None	n/a	n/a
71-4803	54-4987	1/4" i.d. x 3/8" o.d. x 28 ft.	100 psi	Polyurethane (red)	None	n/a	n/a
71-4991	54-4987	1/4" i.d. x 3/8" o.d. x 25 ft.	100 psi	Polyurethane (red)	1 ea 54-4976 Tubing Connector	1/4" nps(f)	Brass Plated
71-4804	54-4987	1/4" i.d. x 3/8" o.d. x 53 ft.	100 psi	Polyurethane (red)	None	n/a	n/a





# Low Pressure Air & Fluid Hose Assemblies

## Air Hose Assemblies

PREMIUM AIR HOSE ASSEMBLIES (LOW PRESSURE)							
Part No.	Bulk Hose No.	Size	Max. Working Pressure	Tube Material	Connection Part No.	Threads	Connection Material
71-1101	71-10000	1/4" i.d. x 1/2" o.d. x 5 ft.	250 psi	E.P.D.M.	72-1303	1/4" nps (f)	Brass Plated
71-1105	71-10000	1/4" i.d. x 1/2" o.d. x 25 ft.	250 psi	E.P.D.M.	72-1303	1/4" nps (f)	Brass Plated
71-1106	71-10000	1/4" i.d. x 1/2" o.d. x 50 ft.	250 psi	E.P.D.M.	72-1303	1/4" nps (f)	Brass Plated
71-1201	71-11000	5/16" i.d. x 5/8" o.d. x 5 ft.	250 psi	E.P.D.M.	72-1317	1/4" nps (f)	Brass Plated
71-1203	71-11000	5/16" i.d. x 5/8" o.d. x 15 ft.	250 psi	E.P.D.M.	72-1317	1/4" nps (f)	Brass Plated
71-1205	71-11000	5/16" i.d. x 5/8" o.d. x 25 ft.	250 psi	E.P.D.M.	72-1317	1/4" nps (f)	Brass Plated
71-1206	71-11000	5/16" i.d. x 5/8" o.d. x 50 ft.	250 psi	E.P.D.M.	72-1317	1/4" nps (f)	Brass Plated
71-1209	71-11000	5/16" i.d. x 5/8" o.d. x 6 ft.	250 psi	E.P.D.M.	72-1317	1/4" nps (f)	Brass Plated
71-1355	71-12000	3/8" i.d. x 11/16" o.d. x 25 ft.	250 psi	E.P.D.M.	72-1325	1/4" nps (f)	Brass Plated
71-1356	71-12000	3/8" i.d. x 11/16" o.d. x 50 ft.	250 psi	E.P.D.M.	72-1325	1/4" nps (f)	Brass Plated

AIR HOSE ASSEMBLIES (GROUNDED WITH STATIC WIRE)							
Part No.	Bulk Hose No.	Size	Max. Working Pressure	Tube Material	Connection Part No.	Threads	Connection Material
71-2803	71-20000	5/16" i.d. x 5/8" o.d. x 25 ft.	250 psi	E.P.D.M.	72-1317	1/4" nps (f)	Brass Plated
71-2810	71-20000	5/16" i.d. x 5/8" o.d. x 35 ft.	250 psi	E.P.D.M.	72-1317	1/4" nps (f)	Brass Plated
71-2804	71-20000	5/16" i.d. x 5/8" o.d. x 50 ft.	250 psi	E.P.D.M.	72-1317	1/4" nps (f)	Brass Plated

ERGOFLEX AIR HOSE ASSEMBLIES							
Part No.	Bulk Hose No.	Size	Max. Working Pressure	Tube Material	Connection Part No.	Threads	Connection Material
71-31101	H-3670	.390 i.d. x .650 o.d. x 25 ft.	200 psi	E.P.D.M.	72-2008	1/4" nps (f)	Brass Plated
71-31103	H-3670	.390 i.d. x .650 o.d. x 6 ft.	200 psi	E.P.D.M.	72-2008	1/4" nps (f)	Brass Plated

## Fluid Hose Assemblies

FLUIDALL™ HOSE ASSEMBLIES (LOW PRESSURE)							
Part No.	Bulk Hose No.	Size	Max. Working Pressure	Tube Material	Connection Part No.	Threads	Connection Material
71-3260	71-280	1/4" i.d. x 1/2" o.d. x 5 ft.	500 psi	Nylon	72-1303	1/4" nps (f)	Brass Plated
71-3263	71-280	1/4" i.d. x 1/2" o.d. x 25 ft.	500 psi	Nylon	72-1303	1/4" nps (f)	Brass Plated
71-3279	71-280	1/4" i.d. x 1/2" o.d. x 9"	500 psi	Nylon	72-1303	1/4" nps (f)	Brass Plated
71-3380	71-280	1/4" i.d. x 1/2" o.d. x 5 ft.	500 psi	Nylon	72-1306	3/8" nps (f)	Brass Plated
71-3383	71-280	1/4" i.d. x 1/2" o.d. x 25 ft.	500 psi	Nylon	72-1306	3/8" nps (f)	Brass Plated
71-3384	71-280	1/4" i.d. x 1/2" o.d. x 50 ft.	500 psi	Nylon	72-1306	3/8" nps (f)	Brass Plated
71-3390	71-280	1/4" i.d. x 1/2" o.d. x 35 ft.	500 psi	Nylon	72-1306	3/8" nps (f)	Brass Plated
71-3663	71-280	1/4" i.d. x 1/2" o.d. x 25 ft.	500 psi	Nylon	72-2143	3/8" nps (f)	Stainless Steel
71-3300	71-282	3/8" i.d. x 11/16" o.d. x 5 ft.	500 psi	Nylon	72-1328	3/8" nps (f)	Brass Plated
71-3303	71-282	3/8" i.d. x 11/16" o.d. x 25 ft.	500 psi	Nylon	72-1328	3/8" nps (f)	Brass Plated
71-3304	71-282	3/8" i.d. x 11/16" o.d. x 50 ft.	500 psi	Nylon	72-1328	3/8" nps (f)	Brass Plated
71-3313	71-282	3/8" i.d. x 11/16" o.d. x 17"	500 psi	Nylon	72-1328	3/8" nps (f)	Brass Plated
71-3400	71-283	1/2" i.d. x 7/8" o.d. x 5 ft.	750 psi	Nylon	72-1334	1/2" nps (f)	Brass Plated
71-3403	71-283	1/2" i.d. x 7/8" o.d. x 25 ft.	750 psi	Nylon	72-1334	1/2" nps (f)	Brass Plated
71-3404	71-283	1/2" i.d. x 7/8" o.d. x 50 ft.	750 psi	Nylon	72-1334	1/2" nps (f)	Brass Plated
71-3360	71-285	1" i.d. x 1 1/2" o.d. x 5 ft.	750 psi	Nylon	72-1936	1" nps (f)	Brass Plated
71-3361	71-285	1" i.d. x 1 1/2" o.d. x 10 ft.	750 psi	Nylon	72-1936	1" nps (f)	Brass Plated
71-3367	71-285	1" i.d. x 1 1/2" o.d. x 8 ft.	750 psi	Nylon	72-1936	1" nps (f)	Brass Plated

HOSE ASSEMBLY SETS (AIR & FLUID)							
Part No.	Bulk Hose No.	Size	Max. Working Pressure	Tube Material	Connection Part No.	Threads	Connection Material
6-438	71-131	5/16" i.d. x 5/8" o.d. x 25 ft. 3/8" i.d. x 11/16" o.d. x 25 ft.	250 psi	Rubber	72-1317	1/4" nps (f) air	Brass Plated
	71-282	3/8" i.d. x 11/16" o.d. x 25 ft.	500 psi	Nylon	72-1328	3/8" nps (f) fluid	Brass Plated
KB-4006	71-131	5/16" i.d. x 5/8" o.d. x 5 ft. 9 in.	250 psi	Rubber	72-1317	1/4" nps (f) air	Brass Plated
	71-280	1/4" i.d. x 1/2" o.d. x 6 ft. 3 in.	500 psi	Nylon	72-1306	3/8" nps (f) fluid	Brass Plated

E.P.D.M. = Ethylene Propylene Diene Rubber



# Accessories

## Spray Booth Floor Paper

BINKS FLAME RETARDANT PAPER	
Part No.	Description
<b>70 LB. FOOT TRAFFIC</b>	
29-843	36" x 500' Roll
29-844	72" x 500' Roll
<b>80 LB. HEAVIER TRAFFIC</b>	
29-863	36" x 300' Roll
29-864	42" x 300' Roll
29-865	60" x 300' Roll
<b>100 LB. FORK LIFT TRAFFIC</b>	
29-872	36" x 300' Roll
29-875	42" x 300' Roll
29-873	60" x 300' Roll

## Spray Booth Exhaust Filters

BINKS EXHAUST FILTERS		
Part No.	Description	Size
29-3111	Receptor Filter Pad - 25/Case	20" x 20" x 2"
29-3112	Receptor Filter Pad - 25/Case	20" x 25" x 2"
29-3107	Receptor Filter Blanket	36" x 50' x 2"
29-3109	Receptor Filter Blanket	45" x 50' x 2"
29-3110	Receptor Filter Blanket	48" x 50' x 2"

## Peelable Spray Booth Coating

BINKS BOOTHCOAT™ PEELABLE SPRAY BOOTH COATING	
Part No.	Description
29-248	1 gal. Can - Dries Clear
29-249	5 gal. Pail - Dries White
29-249-55	55 gal. Drum - Dries White

## Spray Gun & Pump Lubricants / Fluids

Part No.	Description
41-3134	Binks Pump Purge, Case of 12
41-4458-K	PTFE Grease (Magna Lube) .75 oz. Tube
44-285	14 oz. Grease Cartridge - Fits Standard Grease Guns
863009	Wet-Sol Upper Pump Packing Lubricant 1 Quart
42-175	Pump Packing Lubricant 1 Quart
863020	Air Line Lubricant 1 Quart
207-11155-1	Air Motor Lubricant 2 oz.
207-11155-2	Air Motor Lubricant 16 oz.
0114-009433	Pump Packing Lube For Solvent Based Materials, MX Series Pumps
0114-014871	Pump Packing Lube For Water Based Materials, MX Series Pumps
SSL-10-K12	Devilbiss Gun Lube 12 ea 2 oz. Bottles
6-429	Binks Gunners Mate Gun Lube 20 ea 2 oz. Bottles

## Quick Disconnects

DEVILBISS HIGH FLOW AIR QUICK DISCONNECTS*		
Part No.	Description	Thread
HC-1166	Hi-Flow QD Stem	1/4" npt (m)
HC-4419	Hi-Flow QD Stem	1/4" npt (f)
HC-4719	Hi-Flow QD Body	1/4" npt (m)
HC-4720	Hi-Flow QD Body	1/4" npt (f)

\* Ideal for HVLP applications. See Accessories Catalog A28-100.

QUICK DISCONNECTS – BAYONETT STYLE (FLUID)					
Part No.	Type	Description	Max. Working Pressure	Connection	Service Form
<b>Binks Style</b>					
72-1804	Body (f)	Stainless Steel	500 psi	3/8" nps (m)	n/a
72-364	Stem (m)	Stainless Steel	500 psi	3/8" nps (f)	n/a
<b>DeVilbiss Style</b>					
P-HC-4808-1	Body (f)	Aluminum	500 psi	3/8" nps (m)	SB-12-001
P-HC-4482	Stem (m)	Hardened Steel	500 psi	3/8" nps (f)	SB-12-001
HC-513-1	Body (f)	Stainless Steel	500 psi	3/8" nps (m)	SB-12-001
QDL-4808	Body (f)	Delrin/Stainless	500 psi	3/8" nps (m)	SB-12-001
HC-4691	Stem (m)	Stainless Steel	500 psi	3/8" nps (f) Swivel	SB-12-001

BINKS QUICK DISCONNECTS (FLUID – SOLVENT BASED)					
Part No.	Type	Description	Max. Working Pressure	Connection	Service Form
72-885	Body (f)	Steel	250 psi	3/8" nps (m)	77-1759
72-887*	Stem (m)	Steel	250 psi	3/8" nps (f)	77-1759

\* Replacement o-ring for stem: 20-3620-5 (5-pack Viton)

BINKS QUICK DISCONNECT ASSEMBLIES (FLUID – SOLVENT BASED)			
Part No.	Description	Max. Working Pressure	Service Form
72-888	72-885 Body, 72-887 Stem*	250 psi	77-1759

\* Replacement o-ring for stem: 20-3620-5 (5-pack Viton)

## Premium Paint Spray Respirator

BINKS MILLENNIUM 3000 PREMIUM	
Part No.	Size
40-141	Small
40-128	Medium
40-143	Large
BINKS MILLENNIUM 3000 ACCESSORIES	
Part No.	Description
40-1921	Cartridges - Box of 2
40-1924	Pre-Filters - Box of 2

See Binks and DeVilbiss complete line of spray booth performance and safety products catalog A29-55 online at [binks.com](http://binks.com)





Finishing Brands is the global manufacturing company focused on integrated total system solutions through the spraying, pumping, mixing, metering, and curing of a variety of coatings used in the transportation, general industrial, protective coating, wood, specialty and auto-refinish markets.

With a history spanning 350 years in combined experience, our equipment is designed and built to provide finishing solutions with long term value.

Customers involved in challenging finishing applications in particular, and the industrial marketplace overall, will benefit from Finishing Brands' advanced technology brands: Devilbiss, Ransburg, BGK and Binks.



DeVilbiss atomization  
[devilbiss.com](http://devilbiss.com)



Ransburg electrostatics  
[ransburg.com](http://ransburg.com)



BGK curing and controls  
[bgk.com](http://bgk.com)



Binks atomization and fluid handling  
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