



Spray Equipment for Every Purpose Industrial Selection Guide

Choosing a Spray Outfit is as easy as 1 2 3!

Getting Paint to the Spray Gun – Cup, Tank or Pump?

What size jobs are you doing, and how much paint will you be using in one day?
Use the chart below:

Paint Usage Per Day	Thin Materials 16 – 20 sec. Zahn 2	Medium Materials 19 – 30 sec. Zahn 2	Heavy Materials Over 30 sec. No. 4 Ford
Less Than 1 Gallon	1 Qt. Siphon Cup or	1 Qt. Siphon Cup or	1 Qt. Pressure Cup or 2 Qt. Pressure Cup
1 to 3 Gallons	1 Qt. Siphon Cup or 2 Qt. Pressure Cup or 2.8 Gallon Tank or 9.8 Gallon Tank	1 Qt. Siphon Cup or 2 Qt. Pressure Cup or 2.8 Gallon Tank or 9.8 Gallon Tank	2 Liter Pressure Cup or 2.8 Gallon Tank or 9.8 Gallon Tank
3 to 5 Gallons	2 Qt. Pressure Cup or 2.8 Gallon Tank or 9.8 Gallon Tank or	2 Qt. Pressure Cup or 2.8 Gallon Tank or 9.8 Gallon Tank or	2 Qt. Pressure Cup or 2.8 Gallon Tank or 9.8 Gallon Tank
5 to 10 Gallons	2.8 Gallon Tank or 9.8 Gallon Tank or Diaphragm Pump	2.8 Gallon Tank or 9.8 Gallon Tank or Diaphragm Pump	2.8 Gallon Tank or 9.8 Gallon Tank Diaphragm Pump
Over 10 Gallons	11.8, 19.8, 30 & 60 Gallon Tanks or Diaphragm Pump	11.8, 19.8, 30 & 60 Gallon Tanks or Diaphragm Pump	11.8, 19.8, 30 & 60 Gallon Tanks or Diaphragm Pump

Refer to catalogs A54-19 (CUPS) A83-11 (TANKS) and INFG-1 (GEMINI PUMPS) for more information

Choose Your Spray Gun

Determine what type of material you will be spraying. Do you want to spray with conventional spray equipment, HVLP (High Volume, Low Pressure) spray equipment or air assisted airless spray equipment. Note, some areas of the country require the use of HVLP spray guns in finishing operations.

Use the color coded chart on page 3 to choose the right spray gun.



Choose Your Air and Fluid Hose Assemblies

Air Hose Assemblies (w/ 1/4" Fittings)		Fluid Hose Assemblies (w/ 3/8" Fittings)	
71-1201	5/16" I.D. x 5'	71-3380	1/4" I.D. x 5'
71-1205	5/16" I.D. x 25'	71-3303	3/8" I.D. x 25'
71-1356	3/8" I.D. x 50'	71-3304	3/8" I.D. x 50'
6-438 25' Air and Fluid Hose Set – consists of (1) 71-1205 assembly and (1) 71-3303 assembly			
KB-4006 6' Air and Fluid Hose Set – 6' (5/16" I.D.) Air and 6' (1/4" I.D.) Fluid set			

Refer to catalog A71-9 for more information

2 Spray Guns For Every Need

	Siphon Feed	Pressure Feed		
Wood Finishing Stains, sealers, lacquers, urethanes, varnishes, shellacs, enamels	H V L P S P R A Y G U N S			
	2.0 mm x 2000	92P x 94P		
	EXL	Mach 1 Mach 1SL EXL-520P-11		
	CONVENTIONAL SPRAY GUNS			
	66SS x 66SD	63BSS x 63PB		
	2001 Gun	2001 Gun		
	95 Gun	95 Gun		
	Architectural Finishing (Medium Viscosity) Primers, enamels, latex	H V L P S P R A Y G U N S		
		2.0 mm x 2000	94 x 94P	
		EXL	Mach 1 Mach 1SL EXL-520P-14	
CONVENTIONAL SPRAY GUNS				
66SS x 66SD		63BSS x 63PB		
2001 Gun		2001 Gun		
95 Gun		95 Gun		
Architectural Finishing (Heavy Viscosity) Primers, enamels, latex, fillers, sealers		H V L P S P R A Y G U N S		
		Not Recommended	97 x 94P Mach 1 Mach 1SL EXL-520P-18	
		CONVENTIONAL SPRAY GUNS		
	Not Recommended	67SS x 67PB 2001 Gun 95 Gun		
	Industrial Maintenance (Medium Viscosity) Primers, enamels, latex, epoxies, acrylics	H V L P S P R A Y G U N S		
		2.0 mm x 2000	94 x 94P	
		EXL	Mach 1 Mach 1SL EXL-520P-14	
		CONVENTIONAL SPRAY GUNS		
		66SS x 66SD	63BSS x 63PB	
		2001 Gun	2001 Gun	
95 Gun		95 Gun		
Industrial Maintenance (Heavy Viscosity) Primers, enamels, latex, epoxies, acrylics		H V L P S P R A Y G U N S		
		Not Recommended	94 x 94P Mach 1 Mach 1SL EXL-520P-14	
		CONVENTIONAL SPRAY GUNS		
	Not Recommended	67SS x 67PB 2001 Gun 95 Gun		
	Multi-Color Products	H V L P S P R A Y G U N S		
		Not Recommended	94 x 90P Mach 1	
		CONVENTIONAL SPRAY GUNS		
		Not Recommended	66SS x 200 66SS x R3 95 Gun 2001 Gun	
		Adhesives Solvent and Waterborne	H V L P S P R A Y G U N S	
			Not Recommended	94S x 95AS Mach 1 Mach 1SL EXL-520P-14
CONVENTIONAL SPRAY GUNS				
(solvent)			66SS x 66SD-3	
(waterborne)			63BSS x 63PB	
Not Recommended			95 Gun 2001 Gun SS	
Metal Finishing (Light to Medium Viscosity) Primers, enamels, polyurethanes, metal lacquers	H V L P S P R A Y G U N S			
	2.0 mm x 2000		94 x 94P	
	EXL		Mach 1 Mach 1SL EXL-520P-14	
	CONVENTIONAL SPRAY GUNS			
	66SS x 66SD	63BSS x 63PB		
	2001 Gun	2001 Gun		
	95 Gun	95 Gun		

AA1500 Air Assisted Airless Spray Tip Selection Charts

PART #	SIZE	FAN WIDTH ♦
113-00902	.009	1" – 2"
113-00904	.009	2" – 4"
113-00906	.009	4" – 6"
113-00908	.009	6" – 8"
113-00910	.009	8" – 10"
113-00912	.009	10" – 12"
113-01104	.011	2" – 4"
113-01106	.011	4" – 6"
113-01108	.011	6" – 8"
113-01110	.011	8" – 10"
113-01112	.011	10" – 12"
113-01114	.011	12" – 14"
113-01304	.013	2" – 4"
113-01306	.013	4" – 6"
113-01308	.013	6" – 8"
113-01310	.013	8" – 10"
113-01312	.013	10" – 12"
113-01314	.013	12" – 14"
113-01506	.015	4" – 6"
113-01508	.015	6" – 8"
113-01510	.015	8" – 10"
113-01512	.015	10" – 12"
113-01514	.015	12" – 14"
113-01516	.015	14" – 16"
113-01518	.015	16" – 18"
113-01806	.018	4" – 6"
113-01808	.018	6" – 8"
113-01912	.019	10" – 12"
113-02110	.021	8" – 10"
113-02112	.021	10" – 12"
113-02114	.021	12" – 14"
113-02116	.021	14" – 16"
113-02118	.021	16" – 18"
113-02410	.024	8" – 10"
113-02412	.024	10" – 12"
113-02414	.024	12" – 14"
113-02416	.024	14" – 16"
113-02418	.024	16" – 18"
113-02710	.027	8" – 10"
113-02712	.027	10" – 12"
113-02714	.027	12" – 14"
113-02716	.027	14" – 16"
113-02718	.027	16" – 18"

♦ Based on 1500 PSI with water. Actual results may vary, depending on material viscosity.

Note: When spraying waterborne or corrosive materials with a "Conventional" spray gun for siphon or pressure feed, use the model 95 spray gun with stainless steel fluid passages. Refer to catalogs A54-19 and HVL P for more details on spray gun models and set ups.

Tanks and Outfits

Pressure Tank Outfits



Binks Model 98C-359 Tank Outfit

Binks Model 98Z-358 (Waterborne Materials)

For heavy bodied materials such as latex, vinyls, epoxies, etc.

Outfit includes: 83Z-220 Pressure tank, 2001 spray gun (68SS x 68PB set up), 25 feet air and fluid hose assemblies, 15 feet of air compressor hose.



Binks Model 98C-357 (Solvent Based Materials)

For light to medium viscosity materials such as lacquers, enamels, stains, etc.

Outfit includes: 83C-220 Pressure tank, 2001 spray gun (63BSS x 63PB set up), 25 feet air and fluid hose assemblies, 15 feet of air compressor hose.

Binks Model 98C-359

Multi-Color Outfit includes: 83C-220 Pressure tank, 2001 spray gun (66SS x 200 set up), 25 feet air and fluid hose assemblies.

Tanks



83C-211

PT ASME Code Tanks

Zinc Plated Lid and Shell for use with solvent based coatings. 2.8 gallon capacity.

83C-210	1 Regulator, No Agitator
83C-220	2 Regulator, No Agitator
83C-211*	1 Regulator, Air Agitator
83C-221	2 Regulator, Air Agitator

• Shown above



83Z-221

PT Waterborne ASME Code Tanks

Stainless Steel Lid and Zinc Plated Shell for use with waterborne coatings. 2.8 gallon capacity.

83Z-210	1 Regulator, No Agitator
83Z-220	2 Regulator, No Agitator
83Z-211*	1 Regulator, Air Agitator
83Z-221	2 Regulator, Air Agitator

• Shown above



83G-520

ASME* Galvanized Tanks (9.8 Gallons)

Used with non-corrosive materials. Top outlet with bottom outlet plug, for use with heavy materials such as emulsified asphalts, rubber compounds, etc.

83G-510	1 Regulator, No Agitator
83G-520*	2 Regulator, No Agitator
83G-513	1 Regulator, Air Agitator
83G-523	2 Regulator, Air Agitator

*Other tanks available, up to 60 gal. capacity. Please refer to catalog A83-11 for more information.

• Shown above

Pumps and Outfits

Raptor™ Spray Finishing Systems



Raptor Wall Mounted Outfits with AA1500 Spray Gun and Hoses

These wall-mount outfits are a complete finishing system for stationary installations. The small profile fits easily in tight spaces.

5 gal. w/UHMWPE pkgs. 98-3070

5 gal. w/Teflon™ pkgs. 98-3071

55 gal. w/UHMWPE pkgs. 98-3074

55 gal. w/Teflon™ pkgs. 98-3075

Shipping weight 21.5 lbs. (9.8 kg)

Wall Mounted Unit (No gun or hoses)

5 gal. w/UHMWPE pkgs. 98-3070

5 gal. w/Teflon™ pkgs. 98-3071

55 gal. w/UHMWPE pkgs. 98-3074

55 gal. w/Teflon™ pkgs. 98-3075



Raptor Cart Mounted Outfit with AA1500 Spray Gun and Hoses

Cart-mount outfit is a complete finishing system for mobile flexibility. This outfit includes pump, air controls, cart, gun filter, spray gun with tip and all standard hoses.

UHMWPE packings 98-3072

Teflon™ packings 98-3073

Shipping weight 35.5 lbs. (16.1 kg)

Cart Mounted Unit (No gun or hoses)

UHMWPE packings 812280

Teflon™ packings 812281



Raptor Pump Only

UHMWPE packings 812450

Teflon™ packings 812451

Shipping weight 12.6 lbs. (5.7 kg)



The Raptor 18:1 Ratio Pump System offers everything you need to produce an outstanding finish

Gemini® Diaphragm Pump Packages—1/2", Low Pulse, 100 PSI



818210 Wall Mount Gemini Pump Package

Optional Fluid Regulator & Agitator



818160 Pail Mount Gemini Pump Package

Optional Agitator



818220 Drum Mount Gemini Pump Package

Optional Fluid Regulator

For wood and office furniture, commercial equipment, metal fabrication, metal maintenance and cabinet shops

PACKAGE NUMBER	BARE PUMP NUMBER	WETTED PARTS	RATIO & SIZE	GPM @ 60 CPM	MOUNTING	AIR REGLTRS.	SUCTION HOSE W/BUNG ADAPT.	AGITATOR	PRIME VALVE	PULSE/FILTER	FLUID REG.
818160	818831	acetal, Teflon	1:1, 1/2" NPT	1.2	pail	2	pail	0	0	0	1
818210	818831	acetal, Teflon	1:1, 1/2" NPT	1.2	wall	2	55 gallon	0	1	1	0
818220	818831	acetal, Teflon	1:1, 1/2" NPT	1.2	55 drum cover	2	55 gallon	843001	1	1	0

Accessories

Siphon Feed Cups



81-800
1 Qt. Drip Free Cup



81-810
Teflon Coated
1 Qt. Cup



81-820
1 Qt. Stainless
Steel Cup

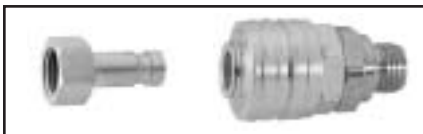
Quick Disconnects



72 Series
Quick Disconnect
(Body & Stem
Assembly)

Low Pressure Fluid Quick Disconnects*

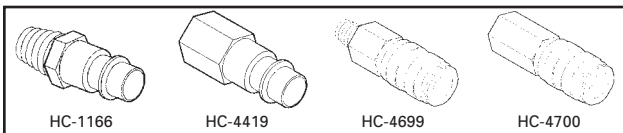
PART NO.	DESCRIPTION	THREAD
72-885	Body Assembly Only	3/8" NPS (m)
72-887	Stem Assembly Only	3/8" NPS (f)
72-888	Body & Stem Assembly	3/8" NPS (m) x 3/8" NPS (f)



72-445 (left)
(Stem Only)
72-2063 (right)
(Body Only)

Low Pressure Air Quick Disconnects*

PART NO.	DESCRIPTION	THREAD
72-445	Stem Assembly Only	1/4" NPS (f)
72-467	Stem Assembly Only	1/4" NPT (m)
72-2063	Body Assembly Only	1/4" NPS (m)
72-2073	Body Assembly Only	1/4" NPT (f)



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-4699	Hi-Flow QD Body	1/4" NPT (m)
HC-4700	Hi-Flow QD Body	1/4" NPT (f)

*Ideal for HVLP applications.

For other models, consult Tech Support.

Spray Booth Filters



Binks AF Filter™ 29-2186-3

Improved performance and lower operating costs. For spray booths. See catalog A29-21

Booth Accessories Other booth filters and accessories are available. See catalog A29-21

Pressure Feed Cups



80-294 1 Qt. Cup with
Regulator/Gauge
80-295 (not shown)
2 Qt. Steadi-Grip Cup



80-511
1 Qt. Stainless
Steel Cup with
Regulator/Gauge



80-350
2 Qt. Remote SG-2
80-451 (not shown)
2 Qt. Remote SG-2
with Rotary Atomizer
(Liners: 80-356)

Liners and Strainers



80-356 Cup Liners

SG-2 Two Qt. Cup Liners provides for quick clean-up. (package of 12)



Tank Liners

PT-78-K10	2.8 Gallon Tank Liners (10 Pk)
PT-78-K60	2.8 Gallon Tank Liners (60 Pk)
PTL-408-K20	9.8 Gallon Tank Liners (20 Pk)



Strain-It Cup Strainers

81-82	White, Fine – 145 mesh (5 Pk)
81-83	Blue, Medium – 100 mesh (5 Pk)
81-84	Red, Coarse – 80 mesh (5 Pk)



Binks Prospector Pressure Tank Strainer

Strainers are an economical way to remove foreign material from paint, stain, lacquer and coatings.

PTS-2Gal-K20-200	200 micron (approx. 65 wire mesh)	20 per case
PTS-2Gal-K20-400	400 micron (approx. 37 wire mesh)	20 per case
PTS-2Gal-K20-600	600 micron (approx. 28 wire mesh)	20 per case
PTS-5Gal-K20-200	200 micron (approx. 65 wire mesh)	20 per case
PTS-5Gal-K20-400	400 micron (approx. 37 wire mesh)	20 per case
PTS-5Gal-K20-600	600 micron (approx. 28 wire mesh)	20 per case
PTL-5Gal-K40	5 gallon pail liner (11.25" ID, 13" OD)	40 per case



Low Pressure In-Line Fluid Filter (Y-Strainer)

Ideally suited for use on pressure tank or diaphragm pump outlet. Nickel plated body and stainless steel element screen for solvent or waterborne materials.

PART NO.	DESCRIPTION	S.S. ELEMENT SCREEN
	30 mesh, 590 microns	83-2705
83-2922	50 mesh, 297 microns	83-2089
83-2923	80 mesh, 177 microns	83-2596
83-2924	100 mesh, 149 microns	83-1256
83-2925	100 mesh, 96 microns	83-2405
83-2926	200 mesh, 74 microns	83-2706

Accessories

Spray Respirators and Filters



Millennium 3000 – Premium Paint Spray Respirator

A premium charcoal respirator that combines superior comfort with the fit, durability, and protection of a conventional half-mask respirator.

PART NO.	PRODUCT DESCRIPTION
40-141	Millennium 3000 – Small
40-128	Millennium 3000 – Medium
40-143	Millennium 3000 – Large
40-1928	Millennium 3000 Tune-Up Kit (Includes Cradle Headband, R&L Neckstraps, 2 Inhalation Valves, 2 Cartridge Gaskets, Exhalation Valve & Cover)



Millennium 2000 – Classic Paint Spray Respirator

For economical protection, try this value-priced charcoal respirator. Provides the fit and comfort of a traditional respirator and protection from paints and solvents.

PART NO.	PRODUCT DESCRIPTION
40-1929	Millennium 2000 – Small
40-1930	Millennium 2000 – Medium
40-1931	Millennium 2000 – Large
40-1939	Millennium 2000 Tune-Up Kit (Includes Cradle Headband, Neckstraps, 2 Inhalation Valves, Exhalation Valve)



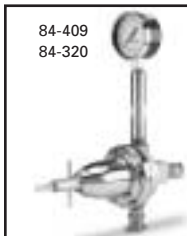
40-1921-10
40-1932-10



40-1924-10
40-1935-10

PART NO.	PRODUCT DESCRIPTION
40-1921-10	Replacement Charcoal Cartridges for Millennium 3000 (10 blister packs of 2 cartridges)
40-1924-10	Replacement Fiber Pre-Filters for Millennium 3000 (10 blister packs of 10 filters)
40-1925	Filter Cartridge Covers for Millennium 3000 pre-filters (2 covers)
40-1932-10	Replacement Charcoal Cartridges for Millennium 2000 (10 blister packs of 2 cartridges)
40-1935-10	Replacement Fiber Pre-Filters for Millennium 2000 (10 blister packs of 10 filters)
40-1936	Filter Cartridge Covers for Millennium 2000 pre-filters (2 covers)

Fluid Regulators



84-409
84-320



HGS-5222

84-409/84-320 (left)
Low Pressure Fluid Regulator Assembly
HGS-5222 (right)
Gun Mounted Fluid Regulator

PART NO.	MATERIAL (WETTED PARTS)	INLET / OUTLET PORTS	INLET PRESS. MAX.	REG. OUTLET PRESS.	MAX. REG. FLUID FLOW	PART SHEET
84-409	Stainless Steel Body Stainless Steel	3/8" in.	200 psi	5-100 psi	1 gal./min.	77-1915
84-320	Stainless Steel Body Stainless Steel	3/8" in.	200 psi	5-55 psi	1 gal./min.	77-1486

PART NO.	CONTROL	FLUID INLET	FLUID OUTLET	PART SHEET
HGS-5222	Manual Adjust	3/8" NPSM(M)	3/8" in. swivel	SB-6-403
84-585	Manual Adjust	1/4" NPSM(M)	3/8" in. swivel	77-2689

CleanAir Filter-Regulators



CleanAir Centrifugal Filter-Regulator Unit HFRL-508

Excellent for eliminating moisture and dirt from an air supply.



CleanAir Coalescer Filter-Regulator Unit HFRL-512

CleanAir coalescer filters remove water, dirt and oil from the system down to .01 micron.

Hand Cleaner Towels



Hand Cleaner Towels in a convenient bucket

Scrubs are pre-moistened with a patented, citrus based formula to remove paints, adhesives, inks, oil, soil, etc. **Part No. 29-3100-K6**
Case of (6) Buckets, (72) towels per bucket. See flyer 77-5239.

Air Adjusting Valves



HAV-501

HAV-501 Gun Mounted Air Adjusting Valve for accurate air pressure adjustment at the spray gun.

HAV-500 (without gauge)

Sales and Service
Through a Nationwide Network of Industrial Distributors



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