

NEW!

BINKS®

A54-68 2/02



AA4000™ Air Assisted Airless HVLP Spray Gun

An exceptionally fine finish with reduced overspray and VOC emissions

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AA4000 Air Assisted Airless HVLP Spray Gun

A fine finish with reduced overspray and VOC emissions.

The unique tip and air cap design of the new Binks AA4000 Air Assisted Airless HVLP Spray Gun allows operators to use lower fluid and air pressure than the competition to achieve an exceptionally fine finish.

HVLP means:

- Better transfer efficiency
- A softer spray pattern
- Less bounceback
- Lower booth maintenance costs
- Less overspray contaminating other parts
- Longer life on wear parts

Specifications

Maximum Fluid Pressure...
4000 psi / 275 bar

Maximum Air Pressure...
100 psi / 6.8 bar

Gun Body...
Forged Aluminum

Fluid Path...
Stainless Steel

Fluid Shut Off Type...
Tungsten Carbide Seat
(UHMW Seat Optional)

Fluid Inlet Size...
1/4" NPS (m) Thread

Air Inlet Size...
1/8" NPT (m) x 1/4" NPS(m)
D.M. Nipple

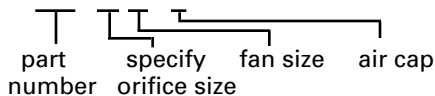
Gun Weight - 16 oz / 500g

Part Sheet - 2776

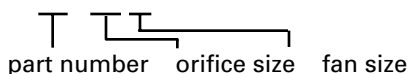
How to Order the AA4000 Spray Gun...

□ To order a AA4000 Spray Gun **less tip**, order part number...
4000 - 0000 - 3

□ To order an AA4000 Spray Gun **with tip**, order part number...
4000 - 2716 - 3



□ For **additional tips**, order by part number...
113 - 02714



See spray tip selection chart for orifice size and fan size required

Simple design means parts changeouts in 3-5 minutes.

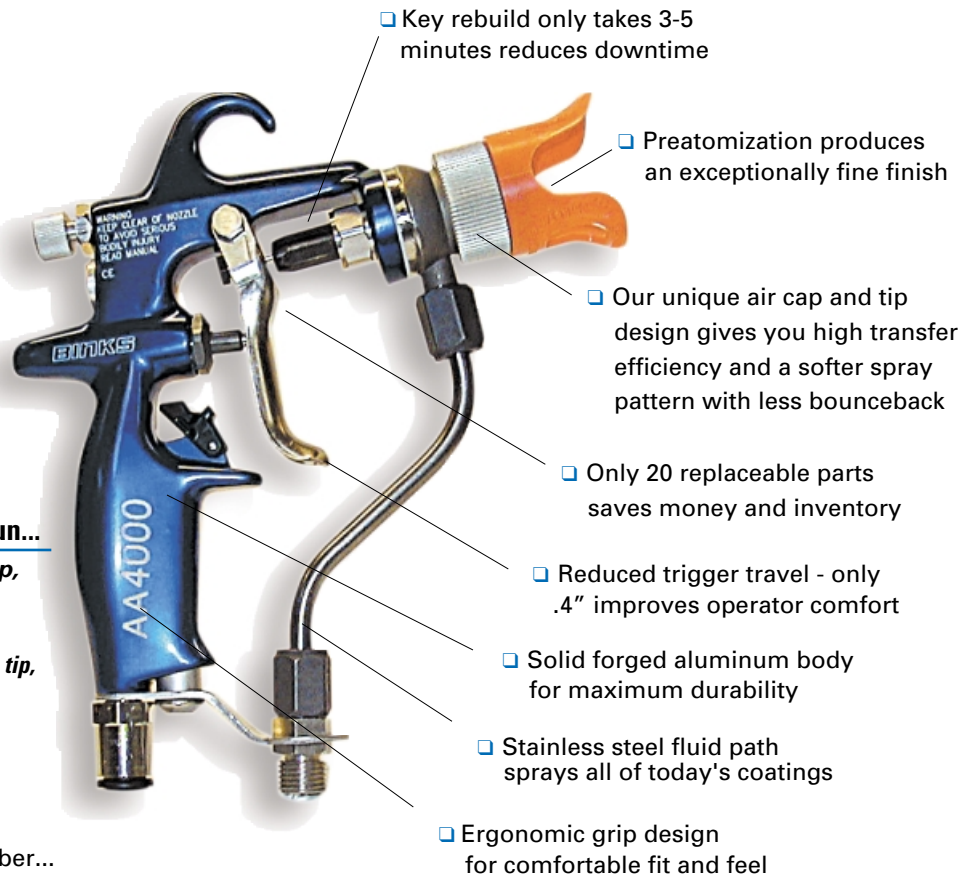
- Only 20 replaceable parts
- Component cartridge design for quick and easy repairs
- No special tools needed for repairs
- Low replacement costs on main wear parts (tips, needle /packing cartridge, seats, and air caps)



Ergonomic design reduces operator fatigue.

Superior ergonomics equals superior economics. The "ergo-logic" design of the Binks AA4000 reduces operator fatigue which increases production rates, improves finish quality, and improves efficiency while reducing the risk of painful and costly CTD's (Cumulative Trauma Disorders).

- Handle designed to fit comfortably in the hand
- Weighs 22% less than closest competitor (16 oz. vs. 20.4 oz)
- Trigger Span/Distance for full trigger pull is 33% less than closest competitor (.4" vs. .6")



Accessories

Hoses

PART NUMBER	DESCRIPTION
71-4990	15' Poly Air Tubing 3/8" O.D., 1/4" I.D. w/ Fittings
71-4991	25' Poly Air Tubing 3/8" O.D., 1/4" I.D. w/ Fittings
71-8087	15' 3/16" High Pressure Fluid Hose Assembly
71-8088	25' 3/16" High Pressure Fluid Hose Assembly

Fittings

PART NUMBER	DESCRIPTION
54-4975	1/8" NPT Male x 3/8" O.D. Push-In Tube Fitting, standard
54-4976	1/4" NPT Female x 3/8" O.D. Push-In Tube Fitting, optional

Fluid Seat

PART NUMBER	DESCRIPTION
54-4960	Standard Tungsten Carbide Fluid Seat
54-4926	Optional UHMW Fluid Seat

Fluid Filter

PART NUMBER	DESCRIPTION
103-1241	100 Mesh Inline Filter, 4000 PSI working pressure
54-3655	100 Mesh Gun Mounted Filter, 5800 PSI working pressure
54-5010	100 Mesh Gun Mounted Filter, 4000 PSI working pressure

Fluid Regulator

PART NUMBER	DESCRIPTION
845011	Less Gauge, 1000 to 3000 PSI regulated range
845013	Less Gauge, 2000 to 5000 PSI regulated range

Repair & Cleaning Kits

PART NUMBER	DESCRIPTION
54-4993	Replacement Parts Kit: includes fluid seat, O-ring, front head gasket, needle/packing cartridge, fluid inlet nut, and air valve assembly
54-4994	Cleaning Kit: includes one standard stiff nylon pipe cleaning brush, full-size nylon brush, tip cleaner, and Binks Gunners Mate Lubricant

Test Gauges

PART NUMBER	DESCRIPTION
54-4997	HVLP Test Gauge AA2
54-4992	HVLP Test Gauge AA3

Carbide Tip Assembly

PART NUMBER	DESCRIPTION
AA-2 - 54-4980	Thin to Medium Materials
AA-3 - 54-4979	Medium to Heavy Materials

Airless Spray Tip - Fluid Flow Rate **

Orifice Size (Inches)	500 PSI oz./min.	1000 PSI oz./min.	1500 PSI oz./min.	2000PSI oz./min.	2500 PSI oz./min.	3000 PSI oz./min.	3500 PSI oz./min.	4000PSI oz./min.
VERY THIN - Wash Primers, Dyes, Stains, Solvents, Water, Inks								
.009	5.1	7.1	8.2	9.5	10.6	12.2	13.6	14.5
.012	9.5	13.6	17.0	19.4	21.5	23.8	26.1	27.6
THIN - Sealers, Lacquers, Primers, Ink, Zinc Chromate, Acrylics								
.015	16.5	23.3	27.8	36.1	38.2	41.7	44.1	49.4
MEDIUM - Lacquers, Synthetics, Enamels, Varnishes, Shellacs,								
.018	23.5	34.5	39.7	46.9	55.1	59.3	67.6	71.0
.021	32.8	45.8	56.8	67.2	76.6	82.8	89.6	98.0
.024	39.7	56.1	68.7	79.3	88.7	97.1	104.9	112.2
.027	50.4	71.2	87.2	100.7	112.6	123.4	133.2	142.4

** Flow rate of fluid materials through spray tip, oz./min.

Spray Tip Selection Charts

PART NUMBER	SIZE	FAN WIDTH *
113-00906	.009	4" - 6"
113-00908	.009	6" - 8"
113-00910	.009	8" - 10"
113-00912	.009	10" - 12"

PART NUMBER	SIZE	FAN WIDTH *
113-01206	.012	4" - 6"
113-01208	.012	6" - 8"
113-01210	.012	8" - 10"
113-01212	.012	10" - 12"
113-01214	.012	12" - 14"

PART NUMBER	SIZE	FAN WIDTH *
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"

PART NUMBER	SIZE	FAN WIDTH *
113-01806	.018	4" - 6"
113-01808	.018	6" - 8"
113-01810	.018	8" - 10"
113-01812	.018	10" - 12"
113-01814	.018	12" - 14"
113-01816	.018	14" - 16"
113-01818	.018	16" - 18"

PART NUMBER	SIZE	FAN WIDTH *
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"

PART Number	Size	Fan Width *
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"

PART Number	Size	Fan Width *
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 4000 PSI with water. Actual results may vary, depending on material viscosity.

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