



First choice when
quality counts.™

AA3000™ -S

Automatic Air-Assisted Airless Gun for Stream, Shower and Spray Applications

- **Compact and lightweight applicator for flexible automation or fixed mount applications**
- **One applicator for streaming, showering, or spraying sealants and adhesives**
- **Accommodates airless or air-assisted fluids**
- **Large selection of tips and air caps to produce a wide range of fluid patterns**



COMPONENTS

**The premium
applicator for
automotive
paint shop
PVC sealer
applications**

Graco's AA3000-S brings the production benefits of an airless and air-assisted airless dispensing to the automatic sealant or adhesive dispensing system. The AA3000-S combines an airless valve, precision fluid tips, and air-assisted air caps to deliver the correct fluid pattern for your seam sealing or coating applications.

Graco's AA3000-S applicator has the capability of dispensing three different fluid patterns to handle nearly all process requirements. The zero angle single orifice tips provide a single stream for variable ribbon pattern widths. The multiple orifice (5-6 stream) shower tips delivers a fixed ribbon pattern width for bead shape control at lower fluid pressures. The fan spray tips and air caps provides wide fluid patterns for coating applications.

The Graco AA3000-S can be mounted on robot end effectors, stationary stands, reciprocating positioners and rotary machines. These applicator guns can be mounted in pairs where two different dispensing methods are needed at one point of application, such as streaming and spraying with one robot.

Select the automatic airless and air-assisted airless gun that is fully compatible with most low viscosity sealant and adhesive applications – Graco's AA3000-S

Typical Fluids Handled

- PVC sealers
- Low viscosity sealants
- Low viscosity adhesives

Typical Applications

- Automotive interior seam sealing
- Automotive exterior seam sealing
- Underbody / wheel housing spray coating

Technical Specifications

Max. working fluid pressure . 2000 psi (138 bar, 13.8 MPa)
Max. working air pressure 100 psi (7 bar, 0.7 MPa)
Minimum actuating pressure . . . 70 psi (4.9 bar, 0.49 MPa)
Cylinder air 1/4 - 18.6 npsm
Air inlet connection 1/4 - 18.6 npsm
Fluid inlet connection 1/4 - 18.6 npsm
Weight (less filter) 1.25 lb. (567 g)
Overall width (including fittings) 3.75 in. (94 mm)
Overall length (with spray cap) 5.625 in. (141 mm)
Mounting
 Bracket for round bar 0.5 in. (13 mm) diameter bar
 Gun body threads (2) use M5 x 0.8 x 8 mm screw
Wetted parts stainless steel, carbide
 Delrin®, UHMWPE, Teflon®
Instruction manual 307-644

Delrin® and Teflon® are registered trademarks of Du Pont.

Ordering Information

- 218-152 AA3000-S Dispense Valve**
 Includes in-line filter and tip of choice.
 Uses Repair Kit 218-389.
- 218-389 Repair Kit for 218-152 Gun**
 Includes O-rings, gaskets, packing kit, needle, seat, tool.
- 220-960 Air-Assisted Airless Cap**
 6-hole. Orifice sizes: 0.025-0.059.
- 217-303 Air-Assisted Airless Cap**
 Orifice sizes: 0.021-0.023.
- 218-336 Air Spray Air Cap/Airless Nozzle Retainer**
 Orifice sizes: 0.025-0.059.

Single Orifice Stream Tips

For use with 220-960 Air Cap (6-hole)

Orifice Size (in inches)	Part No.	Orifice Size (in inches)	Part No.
0.025	270-025	0.039	270-039
0.027	270-027	0.041	270-041
0.029	270-029	0.043	270-043
0.031	270-031	0.045	270-045
0.033	270-033	0.047	270-047
0.035	270-035	0.055	270-055
0.037	270-037	0.059	270-059

Multiple Orifice Shower Tips

For use with 220-960 Air Cap (6-hole)

No. of Orifices	Orifice Size (in inches)	Part No.
6	0.021	C08-224

Single-Orifice Air Spray Tips

For use with 217-303 Air Cap

Orifice Size (in inches)	Fan Width at 12 in. (305 mm)		Part No.
0.021	8-10 in. (200-250 mm)		182-421
	10-12 in. (250-300 mm)		182-521
	12-14 in. (300-350 mm)		182-621
	14-16 in. (350-400 mm)		182-721
	16-18 in. (400-460 mm)		182-821
0.023	8-10 in. (200-250 mm)		182-423
	10-12 in. (250-300 mm)		182-523
	12-14 in. (300-350 mm)		182-623
	14-16 in. (350-400 mm)		182-723
	16-18 in. (400-460 mm)		182-823

For use with 218-336 Air Cap

0.025	8-10 in. (200-250 mm)	182-425
	10-12 in. (250-300 mm)	182-525
	12-14 in. (300-350 mm)	182-625
	14-16 in. (350-400 mm)	182-725
	16-18 in. (400-460 mm)	182-825
0.027	8-10 in. (200-250 mm)	182-427
	12-14 in. (300-350 mm)	182-627
0.029	8-10 in. (200-250 mm)	182-429
	12-14 in. (300-350 mm)	182-629
	14-16 in. (350-400 mm)	182-729
0.031	8-10 in. (200-250 mm)	182-431
	12-14 in. (300-350 mm)	182-631
0.035	8-10 in. (200-250 mm)	182-435
	10-12 in. (250-300 mm)	182-535
	12-14 in. (300-350 mm)	182-635
0.039	8-10 in. (200-250 mm)	182-439
	10-12 in. (250-300 mm)	182-539
	12-14 in. (300-350 mm)	182-639
0.041	8-10 in. (200-250 mm)	182-441
	10-12 in. (250-300 mm)	182-541
	12-14 in. (300-350 mm)	182-641
0.043	8-10 in. (200-250 mm)	182-443
	10-12 in. (250-300 mm)	182-543
	12-14 in. (300-350 mm)	182-643

Accessories

970-119 Shower Dispense Kit

Kit includes: 6-hole shower nozzle, I/P valve for air shaping, 20 ft. (6.1 m) cable, 12 ft. (3.7 m) air hose, and mounting bracket.

101-892 Brush

For cleaning the gun.

221-150 UHMWPE Needle Packing Kit

Optional packing kit for materials not compatible with Teflon.

222-498 Ruby Ball-Tipped Fluid Needle

For use with acid-catalyzed fluids.

220-412 Plastic Ball-Tipped Fluid Needle

For fluid pressures below 500 psi (35 bar, 3.5 MPa) and light viscosity fluid.