



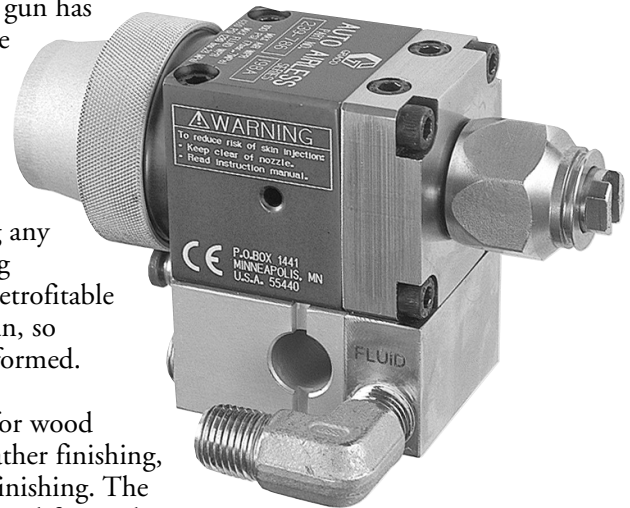
Automatic Airless High Pressure Spray Gun

- **Easy maintenance and repair with removable spray gun on manifold.**
- **Compact style that is simple to mount**
- **Capable of high production speeds**

**High pressure
airless spray
gun to atomize
coatings at high
production
speeds**

Graco's airless spray gun is compact and lightweight, as well as easy to install. The gun has a block design with a separate spray head and mounting manifold, allowing all hose connections to be made on the manifold. The spray gun can be removed and service performed without removing any connections, thus minimizing downtime. The manifold is retrofittable to your current automatic gun, so changeover can be easily performed.

This automatic gun is ideal for wood finishing, metal finishing, leather finishing, and automotive underbody finishing. The airless automatic gun is designed for applications where reliability, production speed, ease of installation and service are important. An air-assisted model is also available; see form 305-790 for more information.



Typical Industry Applications

- Drum painting
- Metal furniture and fixture manufacturing
- Fabricated metal manufacturing
- Leather finishing
- Wood finishing

Typical Fluids Handles

- Primers, protective coatings, waterborne materials and two-part urethane
- Washcoats, glazes, top coat lacquers and catalyzed varnishes
- Epoxies, urethanes, air dry enamels and clear coat enamels

Technical Specifications

Maximum fluid pressure 4000 psi (28 MPa, 280 bar)

Maximum working air pressure . . . 100 psi (0.7 MPa, 7 bar)

Max. cylinder air pressure 100 psi (0.7 MPa, 7 bar)

Minimum actuating pressure

239-786 70 psi (0.5 MPa, 4.9 bar)

Maximum working fluid temperature 120°F (49°C)

Wetted parts Stainless steel, carbide, UHMWPE,
Delrin®, PEEK, CV75, Teflon®

Weight 2.1 lb (9.6 g)

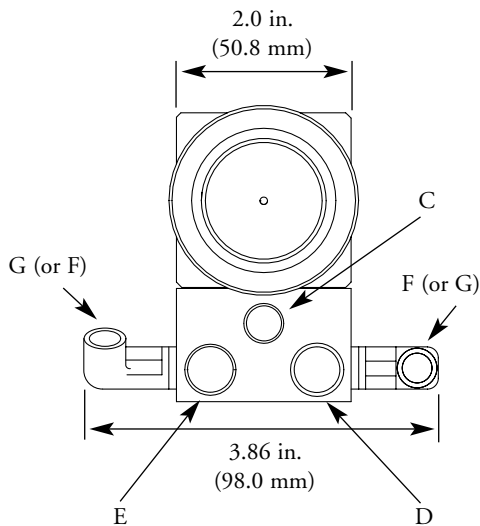
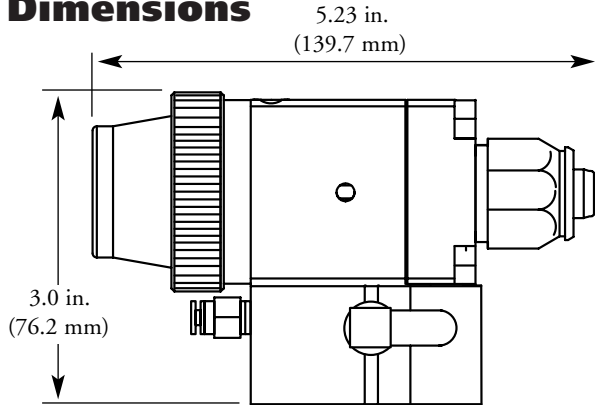
Instruction manual 308-813

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Triggering Speed

Cylinder Air Pressure psi (MPa, bar)	Fluid Pressure psi (MPa, bar)	msec to fully open	msec to fully close
70 (0.49, 4.9)	600 (4.2, 42)	51	72
70 (0.49, 4.9)	1800 (12.4, 124)	56	73
70 (0.49, 4.9)	4000 (28, 280)	69	73

Dimensions



Key

- C Cylinder Air Inlet: accepts 1/4 in. (6.3 mm) O.D. tubing
- D Atomization Air Inlet: 1/4 - 18.6 npsm (plugged on airless gun)
- E Fan Air Inlet: 1/4 - 18.6 npsm (plugged on airless gun)
- F Fluid Inlet: 1/4 - 18 nptf (or #5 JIC (1/2-20 unf))
- G Fluid Outlet (circulating gun only): 1/4-18 nptf or #5 JIC (1/2-20 unf)

Tip Selection Chart for Airless Automatic Spray Guns

Orifice in (mm)	Fan Width at 12 in. in (mm)	Flow Rate	Tip Part No.
0.007 (0.178)	2-2.5 (50-63)	0.053 (0.20)	GG0-107
	4-4.5 (100-113)		GG0-207
	6-6.5 (150-163)		GG5-307
	8-8.5 (196-213)		GG5-407
0.009 (0.229)	2-2.5 (50-63)	0.087 (0.33)	GG0-109
	4-4.5 (100-113)		GG0-209
	6-6.5 (150-163)		GG0-309
	8-8.5 (196-213)		GG0-409
	10-10.5 (250-263)		GG0-509
	12-13 (300-325)		GG0-609
0.011 (0.279)	2-2.5 (50-63)	0.13 (0.49)	GG0-111
	4-4.5 (100-113)		GG0-211
	6-6.5 (150-163)		GG0-311
	8-8.5 (200-213)		GG0-411
	10-10.5 (250-263)		GG0-511
	12-13 (300-325)		GG0-611
0.013 (0.330)	2-2.5 (50-63)	0.18 (0.69)	GG0-113
	4-4.5 (100-113)		GG0-213
	6-6.5 (150-163)		GG0-313
	8-8.5 (200-213)		GG0-413
	10-10.5 (250-263)		GG0-513
	12-13 (300-325)		GG0-613
0.015 (0.381)	2-2.5 (50-63)	0.24 (0.91)	GG0-115
	4-4.5 (100-113)		GG0-215
	6-6.5 (150-163)		GG0-315
	8-8.5 (200-213)		GG0-415
	10-10.5 (250-263)		GG0-515
	12-13 (300-325)		GG0-615
0.017 (0.432)	2-2.5 (50-63)	0.31 (1.17)	GG0-117
	4-4.5 (100-113)		GG0-217
	6-6.5 (150-163)		GG0-317
	8-8.5 (200-213)		GG0-417
	10-10.5 (250-263)		GG0-517
	12-13 (300-325)		GG0-617
0.019 (0.483)	2-2.5 (50-63)	0.39 (1.47)	GG0-119
	4-4.5 (100-113)		GG0-219
	6-6.5 (150-163)		GG0-319
	8-8.5 (200-213)		GG0-419
	10-10.5 (250-263)		GG0-519
	12-13 (300-325)		GG0-619
0.021 (0.533)	14-15 (350-375)	0.47 (1.81)	GG0-719
	16-17 (400-425)		GG0-819
	18-19 (450-475)		GG0-919
	20-22 (500-550)		GG0-1019

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Orifice in (mm)	Fan Width at 12 in. in (mm)	Flow Rate	Tip Part No.	Orifice in (mm)	Fan Width at 12 in. in (mm)	Flow Rate	Tip Part No.
0.021 (0.533)	2-2.5 (50-63)	0.47 (1.79)	GG0-121	0.033 (0.838)	8-8.5 (200-213)	1.17 (4.42)	GG0-433
	4-4.5 (100-113)		GG0-221		10-10.5 (250-263)		GG0-533
	6-6.5 (150-163)		GG0-321		12-13 (300-325)		GG0-633
	8-8.5 (200-213)		GG0-421		14-15 (350-375)		GG0-733
	10-10.5 (250-263)		GG0-521		16-17 (400-425)		GG0-833
	12-13 (300-325)		GG0-621		18-19 (450-475)		GG0-933
	14-15 (350-375)		GG0-721				
	16-17 (400-425)		GG0-821				
	18-19 (450-475)		GG0-921				
0.023 (0.584)	4-4.5 (100-113)	0.57 (2.15)	GG0-223	0.035 (0.889)	4-4.5 (100-113)	1.31 (4.98)	GG0-235
	6-6.5 (150-163)		GG0-323		6-6.5 (150-163)		GG0-335
	8-8.5 (200-213)		GG0-423		8-8.5 (200-213)		GG0-435
	10-10.5 (250-263)		GG0-523		10-10.5 (250-263)		GG0-535
	12-13 (300-325)		GG0-623		12-13 (300-325)		GG0-635
	14-15 (350-375)		GG0-723		14-15 (350-375)		GG0-735
	16-17 (400-425)		GG0-823		16-17 (400-425)		GG0-835
	18-19 (450-475)		GG0-923		18-19 (450-475)		GG0-935
					22-23 (550-575)		GG1-135
		24-25 (600-625)	GG1-235				
0.025 (0.635)	4-4.5 (100-113)	0.67 (2.54)	GG0-225	0.037 (0.940)	8-8.5 (200-213)	1.47 (5.56)	GG0-437
	6-6.5 (150-163)		GG0-325		12-13 (300-325)		GG0-637
	8-8.5 (200-213)		GG0-425		14-15 (350-375)		GG0-735
	10-10.5 (250-263)		GG0-525				
	12-13 (300-325)		GG0-625				
	14-15 (350-375)		GG0-725				
	16-17 (400-425)		GG0-825				
	18-19 (450-475)		GG0-925				
	20-21 (500-525)		GG1-025				
0.027 (0.686)	4-4.5 (100-113)	0.78 (2.96)	GG0-227	0.039 (0.991)	4-4.5 (100-113)	1.63 (6.18)	GG0-239
	6-6.5 (150-163)		GG0-327		6-6.5 (150-163)		GG0-339
	8-8.5 (200-213)		GG0-427		8-8.5 (200-213)		GG0-439
	10-10.5 (250-263)		GG0-527		10-10.5 (250-263)		GG0-539
	12-13 (300-325)		GG0-627		12-13 (300-325)		GG0-639
	14-15 (350-375)		GG0-727		16-17 (400-425)		GG0-839
	16-17 (400-425)		GG0-827		18-19 (450-475)		GG0-939
	18-19 (450-475)		GG0-927				
0.029 (0.737)	4-4.5 (100-113)	0.90 (3.42)	GG0-229	0.041 (1.041)	6-6.5 (150-163)	1.80 (6.83)	GG0-341
	6-6.5 (150-163)		GG0-329		8-8.5 (200-213)		GG0-441
	8-8.5 (200-213)		GG0-429		10-10.5 (250-263)		GG0-541
	10-10.5 (250-263)		GG0-529		12-13 (300-325)		GG0-641
	12-13 (300-325)		GG0-629		16-17 (400-425)		GG0-841
	14-15 (350-375)		GG0-729		24-25 (600-625)		GG1-241
	16-17 (400-425)		GG0-829				
	18-19 (450-475)		GG0-929				
0.031 (0.787)	4-4.5 (100-113)	1.03 (3.90)	GG0-231	0.043 (1.092)	8-8.5 (200-213)	1.99 (7.51)	GG0-443
	6-6.5 (150-163)		GG0-331		10-10.5 (250-263)		GG0-543
	8-8.5 (200-213)		GG0-431		12-13 (300-325)		GG0-643
	10-10.5 (250-263)		GG0-531		22-23 (550-575)		GG1-143
	12-13 (300-325)		GG0-631		24-25 (600-625)		GG1-243
	14-15 (350-375)		GG0-731				
	16-17 (400-425)		GG0-831				
	18-19 (450-475)		GG0-931				
0.033 (0.838)	4-4.5 (100-113)	1.03 (3.90)	GG0-231	0.045 (1.143)	8-8.5 (200-213)	2.17 (8.23)	GG0-445
	6-6.5 (150-163)		GG0-331		10-10.5 (250-263)		GG0-545
	8-8.5 (200-213)		GG0-431		12-13 (300-325)		GG0-645
	10-10.5 (250-263)		GG0-531		16-17 (400-425)		GG0-845
	12-13 (300-325)		GG0-631		24-25 (600-625)		GG1-245
	14-15 (350-375)		GG0-731				
	16-17 (400-425)		GG0-831				
	18-19 (450-475)		GG0-931				
0.035 (0.889)	4-4.5 (100-113)	1.03 (3.90)	GG0-231	0.047 (1.194)	10-10.5 (250-263)	2.37 (8.98)	GG0-547
	6-6.5 (150-163)		GG0-331		12-13 (300-325)		GG0-647
	8-8.5 (200-213)		GG0-431		16-17 (400-425)		GG0-847
	10-10.5 (250-263)		GG0-531				
	12-13 (300-325)		GG0-631				
	14-15 (350-375)		GG0-731				
	16-17 (400-425)		GG0-831				
	18-19 (450-475)		GG0-931				
0.037 (0.940)	4-4.5 (100-113)	1.03 (3.90)	GG0-231	0.049 (1.245)	8-8.5 (200-213)	2.58 (9.76)	GG0-449
	6-6.5 (150-163)		GG0-331		14-15 (350-375)		GG0-749
	8-8.5 (200-213)		GG0-431		16-17 (400-425)		GG0-849
	10-10.5 (250-263)		GG0-531				
	12-13 (300-325)		GG0-631				
	14-15 (350-375)		GG0-731				
	16-17 (400-425)		GG0-831				
	18-19 (450-475)		GG0-931				

COMPONENTS

Tip Selection Chart for Airless Automatic Spray Guns

Orifice in (mm)	Fan Width at 12 in. in (mm)	Flow Rate	Tip Part No.	Orifice in (mm)	Fan Width at 12 in. in (mm)	Flow Rate	Tip Part No.			
0.051 (1.29)	6-6.5 (150-163)	2.79 (10.6)	GG0-351	0.067 (1.70)	8-8.5 (200-213)	4.82 (18.2)	GG0-467			
	8-8.5 (200-213)		GG0-451		10-10.5 (250-263)		GG0-567			
	10-10.5 (250-263)		GG0-551		12-13 (300-325)		GG0-667			
	12-13 (300-325)		GG0-651		14-15 (350-375)		GG0-867			
	20-21 (500-525)		GG1-051		16-17 (400-425)		GG0-867			
	24-25 (600-625)		GG1-251		28-29 (700-725)		GG1-467			
	28-29 (700-725)		GG1-451							
0.053	10-10.5 (250-263)	3.02 (11.4)	GG0-553	0.069 (1.75)	8-8.5 (200-213)	5.11 (19.3)	GG0-469			
0.055 (1.40)	8-8.5 (200-213)	3.25 (12.3)	GG0-455	0.071 (1.80)	10-10.5 (250-263)	5.41 (20.5)	GG0-569			
	10-10.5 (250-263)		GG0-555		12-13 (300-325)		GG0-669			
	12-13 (300-325)		GG0-655		14-15 (350-375)		GG0-471			
	28-29 (700-725)		GG1-455		16-17 (400-425)		GG0-571			
0.057 (1.45)	6-6.5 (150-163)	3.49 (13.2)	GG0-357	0.073 (1.85)	8-8.5 (200-213)	5.72 (21.7)	GG0-671			
	8-8.5 (200-213)		GG0-457		10-10.5 (250-263)		GG0-871			
	10-10.5 (250-263)		GG0-557		28-29 (700-725)		GG1-471			
	12-13 (300-325)		GG0-657							
	14-15 (350-375)		GG0-757							
0.059 (1.50)	6-6.5 (150-163)	3.74 (14.1)	GG0-359	0.075 (1.90)	8-8.5 (200-213)	6.04 (22.9)	GG0-477			
	8-8.5 (200-213)		GG0-459		0.077 (1.95)		8-8.5 (200-213)	GG0-479		
	10-10.5 (250-263)		GG0-559				0.079 (2.00)	8-8.5 (200-213)	GG0-481	
	12-13 (300-325)		GG0-659					0.081 (2.06)	8-8.5 (200-213)	
	14-15 (350-375)		GG0-759							
28-29 (700-725)	GG1-459									
0.061 (1.55)	8-8.5 (200-213)	3.99 (15.1)	GG0-461	Ordering Information for Airless Spray Guns						
	10-10.5 (250-263)		GG0-561	All models include internal filter.						
	12-13 (300-325)		GG0-661	239-786 Airless Gun						
	14-15 (350-375)		GG0-761	Includes GG0 precision spray tip (size of choice).						
	16-17 (400-425)		GG0-861	Manifolds						
	24-25 (600-625)		GG1-261	A manifold is required for each gun to be installed.						
0.063 (1.60)	8-8.5 (200-213)	4.26 (16.1)	GG0-463	241-161 Standard 1/4-18 npsm inlets						
	10-10.5 (250-263)		GG0-563	241-162 European #5 JIC inlets						
	12-13 (300-325)		GG0-663	Accessories						
	14-15 (350-375)		GG0-763	239-894 Air Seal Repair Kit						
	16-17 (400-425)		GG0-863	239-896 Fluid Repair Kit						
0.065 (1.65)	8-8.5 (200-213)	4.53 (17.2)	GG0-465	For airless models.						
	10-10.5 (250-263)		GG0-565	240-948 Filter Kit. 10 internal filters (193-413).						
	12-13 (300-325)		GG0-665							
	14-15 (350-375)		GG0-765							
	16-17 (400-425)		GG0-865							