

# AL Automatic

## Airless Spray Gun



### Increase Production Speeds and Finish Quality in General Metal Applications

- Lightweight and compact rounded gun design
- Capable of handling high production speeds
- Durable stainless steel construction handles the toughest materials
- Fewer parts means an overall lower cost of repair
- Wide range tip line for a variety of applications

# Technical Specifications and Ordering Information

## Ordering Information

**288048 Airless Gun**  
Includes GGO precision spray tip of choice and internal filter

### Manifolds (required for gun installation)

241161 Standard 1/4" npsm inlets  
244930 High flow ambient manifold

### ACCESSORIES

288171 Air Seal Repair Kit  
239896 Fluid Seal Repair Kit  
210500 In-Line Fluid Filter

## Technical Specifications

Maximum fluid pressure . . . . . 4000 psi (276 bar, 27.6 MPa)  
Maximum working air pressure . . . . . 100 psi (7 bar, 0.7 MPa)  
Maximum cylinder air pressure . . . . . 100 psi (7 bar, 0.7 MPa)  
Minimum air cylinder actuating pressure . . . . . 70 psi (4.9 bar, 0.5 MPa)  
Maximum working fluid temperature . . . . . 140°F (60°C)  
Triggering speed . . . . . 50-70 msec (fully open or close)  
Wetted parts . . . . . stainless steel, carbide, UHMWPE, acetal, PEEK, PTFE  
Gun weight . . . . . 1.2 lb (545 g)  
Dimensions . . . . . 5.2 in L x 3.0 in H x 2.0 in W (135 mm L x 76 mm H x 51 mm W)  
Instruction manual . . . . . 311053

## GGO Tip Chart

| Orifice Size<br>in (mm) | *Fluid Output, gpm (lpm)<br>at 600 psi<br>(4.1 MPa, 41 bar) | Maximum Pattern Width at 12 in (300 mm) |                   |                   |                   |                     |                   |                   |                   |                   |
|-------------------------|---|---|-------------------|-------------------|-------------------|---------------------|-------------------|-------------------|-------------------|-------------------|
|                         |   | 2 to 2.5<br>(50)                        | 4 to 4.5<br>(100) | 6 to 6.5<br>(150) | 8 to 8.5<br>(200) | 10 to 10.5<br>(250) | 12 to 13<br>(300) | 14 to 15<br>(350) | 16 to 17<br>(400) | 18 to 19<br>(450) |
| 0.007 (0.178)           | 0.053 (0.20)  | 107                                     |                   | 307               |                   |                     |                   |                   |                   |                   |
| 0.009 (0.229)           | 0.087 (0.33)  | 109                                     | 209               | 309               |                   |                     |                   |                   |                   |                   |
| 0.011 (0.279)           | 0.13 (0.49)   | 111                                     | 211               | 311               | 411               | 511                 | 611               |                   |                   |                   |
| 0.013 (0.330)           | 0.18 (0.69)   |   | 213               | 313               | 413               | 513                 | 613               | 713               |                   |                   |
| 0.015 (0.381)           | 0.24 (0.91)   | 115                                     | 215               | 315               | 415               | 515                 | 615               | 715               | 815               |                   |
| 0.017 (0.432)           | 0.31 (1.17)   | 117                                     | 217               | 317               | 417               | 517                 | 617               |                   | 817               | 917               |
| 0.019 (0.483)           | 0.39 (1.47)   |   | 219               | 319               | 419               | 519                 | 619               | 719               | 819               |                   |
| 0.021 (0.533)           | 0.47 (1.79)   |   | 221               | 321               | 421               | 521                 | 621               | 721               | 821               | 921               |
| 0.023 (0.584)           | 0.57 (2.15)   |   |                   | 323               | 423               | 523                 | 623               | 723               | 823               | 923               |
| 0.025 (0.635)           | 0.67 (2.54)   |   |                   | 325               | 425               | 525                 | 625               | 725               | 825               | 925               |
| 0.027 (0.686)           | 0.78 (2.96)   |   |                   | 327               | 427               | 527                 | 627               | 727               | 827               | 927               |
| 0.029 (0.737)           | 0.90 (3.42)   |   |                   |                   | 429               | 529                 | 629               | 729               |                   |                   |
| 0.031 (0.787)           | 1.03 (3.90)   |   |                   | 331               | 431               | 531                 | 631               | 731               |                   | 931               |
| 0.033 (0.838)           | 1.17 (4.42)   |   |                   | 335               | 433               | 533                 | 633               | 733               |                   | 933               |
| 0.035 (0.889)           | 1.31 (4.98)   |   |                   |                   | 435               | 535                 | 635               | 735               |                   |                   |
| 0.037 (0.940)           | 1.47 (5.56)   |   |                   |                   |                   |                     |                   | 737               |                   |                   |
| 0.039 (0.991)           | 1.63 (6.18)   |   |                   |                   |                   | 539                 | 639               |                   |                   |                   |
| 0.041 (1.041)           | 1.80 (6.83)   |   |                   |                   |                   | 541                 |                   |                   | 841               |                   |
| 0.043 (1.092)           | 1.99 (7.51)   |   |                   |                   |                   | 543                 | 643               |                   |                   |                   |
| 0.045 (1.143)           | 2.17 (8.23)   |   |                   |                   |                   | 545                 |                   |                   |                   |                   |
| 0.047 (1.197)           | 2.37 (8.98)   |   |                   |                   |                   | 547                 |                   |                   |                   |                   |
| 0.049 (1.245)           | 2.58 (9.76)   |   |                   |                   |                   |                     |                   | 749               |                   |                   |
| 0.053 (1.35)            | 3.02 (11.4)   |   |                   |                   |                   | 553                 |                   |                   |                   |                   |
| 0.055 (140)             | 3.25 (12.3)   |   |                   |                   |                   |                     | 655               |                   |                   |                   |

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