



G15/G40

Manual Air-Assist spray guns designed for exceptional spray quality and ease of use.



PROVEN QUALITY. LEADING TECHNOLOGY.

Ordering Information

Air-Assist Gun Models

- G15 carbide model is recommended for low to medium viscosity materials
- G15 acetal seat model is recommended for acid-catalyzed materials
- G40 models are recommended for high viscosity materials above 1500 psi

24C853 G15 Air-Assist Carbide Gun

Medium pressure gun includes carbide seat/ball, indexing aircap and choice of AAM or AAF spray tip from chart, which is specified when order is placed.

24C854 G15 Air-Assist Gun

Medium pressure gun includes a plastic seat, indexing aircap and choice of AAM or AAF spray tip from chart, which is specified when order is placed.

24C855 G40 Air-Assist Gun

High pressure gun includes a carbide seat, tip guard aircap and choice of AAM, AAF or GG4 spray tip from chart, which is specified when order is placed.



24C856 G40 Air-Assist Hi-Flow Gun

High pressure gun with no restrictions to avoid pressure drop with heavy viscosity materials. Includes a carbide seat, tip guard and a choice of AAM, AAF or GG4 spray tip.

24C857 G40 Air-Assist Reverse-A-Clean (RAC) Spray Gun

High pressure gun with a RAC spray tip to reduce downtime caused by frequent tip clogging. Includes a carbide seat, tip guard, and a choice of LTX spray tip.

26A826 G15 with Lacquer Aircap

Medium pressure gun includes carbide seat/ball, indexing aircap and choice of AAM or AAF spray tip from chart, which is specified when order is placed

Accessories

289080 Lacquer Aircap

Aircap optimized for spraying lacquer

289499 Fine Adjust Fan Pattern Knob

Replacement fan valve assemble for fine adjustment accuracy.

26C713 Tip Gasket Kit (pack of 10)

Replacement gasket part #183616, for AAM and GG4 tips.

241804 Tip Filter Kit

Replacement filters for spray tip orifice sizes 0.007, 0.009, and 0.011. Quantity of 10.

189018 Fluid Swivel Connector

7500 psi (51.6 MPa, 516 bar) maximum working pressure. Connector to ease movement of the gun and fluid hose.

24C356 JIC Fluid Fitting

Replaces standard npsm fluid fitting.

241812 Fluid Hose

3500 psi (24 MPa, 242 bar) maximum working pressure. 1/4-18 npsm(fbe), 3/16 in (5 mm) ID, 25 ft (7.62 m) long, nylon tubing with polyurethane cover.

249473 Air Fitting and Tubing Kit

Alternative-style connector for air inlet and hose. 3/8 in to 1/4 Push-To-Lock fitting, 25 ft (7.62 m) long, nylon tubing. Optional quick disconnect available.

241811 Air Hose

100 psi (0.7 MPa, 7 bar) maximum working pressure. 1/4-18 npsm(fbe), 1/4 in (6 mm) ID, 25 ft (7.62 m) long polyurethane tubing.

15G093 G15 Gun Flush Box Insert

Insert for use with Gun Flush Box 244105 and G15 Spray Guns.

15G346 G40 Gun Flush Box Insert

Insert for use with Gun Flush Box 244105 and G40 Spray Guns.

249140 HVLP Verification Kit

Use to check air cap air pressure at various air supply air pressures. Do not use for actual spraying.

249598 Unclogging Needle Kit

Kit includes picks for unclogging gun tip.

101892 Gun Brush

Use to clean the gun.

15C161 Ultimate Gun Cleaning Kit

Kit includes brushes and tools for gun maintenance.



Fluid Filter Kits (100 Mesh Included in Gun)

Filter Kit Part No.	Filter Size	Quantity
238563	60 mesh	3
238561	100 mesh	3
224453	100 mesh	5
25N891	150 mesh	1
25N892	150 mesh	3
25N893	200 mesh	1
25N894	200 mesh	3

Technical Specifications

Maximum Working Fluid Pressure Model G15: 1500 psi (10 MPa, 105 bar)
Model G40: 4000 psi (28 MPa, 280 bar)

Maximum Working Air Pressure. 100 psi (0.7 MPa, 7 bar)

Fluid Inlet 1/4-18 npsm*

Air Inlet 1/4-18 npsm (R1/4-19) compound male thread**

Gun Body. Forged Aluminum

Wetted Parts Stainless Steel, Carbide, Ultra High Molecular Weight
Polyethylene, Acetal, PTFE, nylon

Instruction Manual. 3A0149

*Optional swivel fitting available

**Optional quick-disconnect available

Spray Tip Selection Chart

AAM and GG4 Spray Tip Selection Chart

- AAM Tips: Fine Finish Tips recommended for high finish quality applications at low and medium pressures.
- GG4 Tips: High Wear Industrial Tips recommended for high pressure applications.

Do not use tips marked with ‡ for Model G15 guns (24C853 or 24C854).

All tips in the Spray Tip Selection Chart can be used with Model G40 guns. Use tips marked with ‡ for Model G40 guns only.

Order desired tip (part no. AAMxxx or GG4xxx) from matrix below. xxx = 3 digit number below Maximum Pattern Width. (Example: AAM409)

Orifice Size in (mm)	*Fluid Output, fl oz/min (lpm)		Maximum Pattern Width at 12 in (300 mm)								
	at 600 psi (4.1 MPa, 41 bar)	at 1000 psi (7.0 MPa, 70 bar)	2 to 4 (100)	4 to 6 (150)	6 to 8 (200)	8 to 10 (250)	10 to 12 (300)	12 to 14 (350)	14 to 16 (400)	16 to 18 (450)	18 to 20 (500)
† 0.007 (0.178)	4.0 (0.1)	5.2 (0.15)	◆107	207	307						
† 0.009 (0.229)	7.0 (0.2)	9.1 (0.27)	109	209	309	409	509				
† 0.011 (0.279)	10.0 (0.3)	13.0 (0.4)	111	211	311	411	511	611	◇711		
0.013 (0.330)	13.0 (0.4)	16.9 (0.5)		213	313	413	513	613	713		
0.015 (0.381)	17.0 (0.5)	22.0 (0.7)		215	315	415	515	615	715	815	
0.017 (0.432)	22.0 (0.7)	28.5 (0.85)		217	317	417	517	617	717	817	917
0.019 (0.483)	28.0 (0.8)	36.3 (1.09)		219	319	419	519	619	719	819	919
0.021 (0.533)	35.0 (1.0)	45.4 (1.36)			321	421	521	621	721	821	921
‡ 0.023 (0.584)	40.0 (1.2)	51.9 (1.56)				423	523	623	723		923
‡ 0.025 (0.635)	50.0 (1.5)	64.8 (1.94)				425		625	725	825	◆925
‡ 0.027 (0.686)	58.5 (1.7)	75.8 (2.27)					527	627		827	
‡ 0.029 (0.737)	68.0 (1.9)	88.2 (2.65)						629			
‡ 0.031 (0.787)	78.0 (2.2)	101.1 (3.03)				431		631			
‡ 0.033 (0.838)	88.0 (2.5)	114.1 (3.42)						633		◆833	
‡ 0.035 (0.889)	98.0 (2.8)	127.1 (3.81)				435					
‡ 0.037 (0.940)	108.0 (3.1)	140.0 (4.20)							737		
‡ 0.039 (0.991)	118.0 (3.4)	153.0 (4.59)					539	639		839	

*Tips are tested in water

† Tip sizes include a 150 mesh tip filter

◆ GG4 tips only

◇ AAM tip only

‡ Do not use these tips with Model G15 guns (24C853 and 24C854)

AAF Fine Finish Pre-Orifice Spray Tips Selection Chart

Recommended for high finish quality applications at low and medium pressure. AAF tips have a pre-orifice which assists in atomizing shear thinning materials, including waterborne and lacquers. Order desired tip (part no. AAFxxx) from matrix below.

Orifice Size in (mm)	*Fluid Output, fl oz/min (lpm)		Maximum Pattern Width at 12 in (305 mm)					
	at 600 psi (4.1 MPa, 41 bar)	at 1000 psi (7.0 MPa, 70 bar)	4 to 6 (150)	6 to 8 (200)	8 to 10 (250)	10 to 12 (300)	12 to 14 (350)	14 to 16 (400)
0.009 (0.228)	7.0 (0.20)	8.5 (0.25)	208	308	408			
0.011 (0.279)	9.5 (0.28)	12.5 (0.37)	210	310	410	510	610	710
0.013 (0.330)	12.0 (0.35)	16.0 (0.47)	212	312	412	512	612	712
0.015 (0.381)	16.0 (0.47)	21.0 (0.62)			414	514	614	714
0.017 (0.432)	20.0 (0.59)	26.5 (0.78)			416	516	616	716

*Tips are tested in water