



**GRACO® POLE GUN WITH CLEANSHOT™
SHUT-OFF VALVE AND CONTRACTOR™
IN-LINE VALVE**



PART NUMBERS AND SCHEMATICS GUIDE

Company Profile

Since 1944, Marco has developed a strong tradition of providing innovative and reliable products and services to the surface preparation and protective coatings industries. We are the world's premier provider of Abrasives, Blasting Equipment, Coating Equipment, Engineered Systems, Rental Equipment, Safety Equipment, Service, and Repair.

Through innovative designs and a total commitment to quality, Marco manufactures products that increase production rates, create a safer workplace, and reduce maintenance costs. Marco's industry experience, manufacturing capabilities, legendary customer service, product availability, logistics services, and technology leadership is your assurance that we deliver high quality products and services, providing the best value to you, our customer.

The Marco Difference

- **Industry Experience** – With Marco on your team, you have access to expertise which can only come from decades of industry leadership. We have organized our engineering department, production specialists, customer operations, and safety support into a “Center of Competence.” As a Marco customer, you have access to hundreds of years of cumulative experience related to your operations.
- **Manufacturing Excellence** – Marco is a U.S. based, ISO 9001:2008 certified manufacturer of equipment for the Surface Preparation and Protective Coatings industries. Marco's engineers benchmark the industry to ensure that we design and manufacture superior products that set the “Gold Standard” for performance, safety, and quality.
- **Legendary Customer Service** – Marco's legendary customer service team is staffed by friendly, highly-trained individuals who are focused on providing the highest level of product support, order accuracy, and customer satisfaction.
- **Product Availability** – We stock over 10,000 SKU's and have over 45 shipping locations to serve North American and International markets for all major brands of blasting and painting equipment. As the largest provider of surface preparation and protective coatings equipment in the world, our inventory levels and product availability are unmatched.
- **Logistics Services** – Marco's in-house logistics team is dedicated to moving your shipment anywhere in the world. We move over 14,000 truckloads every year, allowing you to save on freight costs by leveraging our buying power. Lower your process costs with a single invoice, which includes product and freight.
- **Technology Leadership** – Our website provides: Operator's Manuals, Part Numbers and Schematics Guides, MSDS information, and Features and Specifications Guides, providing access to information 24/7. Our Extranet application allows you to receive quotes and place orders online. Our Intranet maintains a complete record of your purchase history to assist with ongoing support of your existing equipment and future purchasing decisions.

Vision Statement

Marco is the world's premier provider of Abrasives, Blasting Equipment, Coating Equipment, Engineered Systems, Rental Equipment, Safety Equipment, Service, and Repair.

Mission Statement

Marco provides strong leadership and innovation to the surface preparation and protective coatings industries. We dedicate our efforts to the continuous improvement of our products, services, processes, people, and most importantly, the quality of our customer's experience.

Quality Policy

Marco is committed to providing superior quality in the design, manufacturing, distribution, rental, service, and repair of our products. Our ISO 9001:2008 certification extends throughout all operations in all locations. Continuous improvement of our processes and supply chain Integration comprise the core of our business strategy for delivering exceptional quality and value in all Marco products and services.



Management Philosophy

We are a company dedicated to the success of every customer and associate. We discuss, debate, challenge, measure, and test our ideas. We will be boundless and limitless in our passion to improve. Through sound leadership and dedicated associates, we will ensure a long term, profitable future for Marco, our associates, customers, and suppliers.




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		GRACO® POLE GUN				
Part Numbers		Pole Length	Maximum Working Pressure	Tip	Tip Guard	Valves
	20G287023	3'	3600 psi	RAC® X 517	RAC® X	CleanShot™ Shut Off Valve, Contractor™ Inline Valve
	20G287024	6'	3600 psi	RAC® X 517	RAC® X	CleanShot™ Shut Off Valve, Contractor™ Inline Valve

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Part Numbers		POLE GUN EXTENSIONS					
		Length	Style			Maximum Working Pressure	Thread Size
			Standard	Heavy-Duty	Telescoping		
	20G232121	10"	X			3600 psi	7/8"
	20G244163	36"	X			3600 psi	7/8"
	20G244164	72"	X			3600 psi	7/8"
	20G232122	20"		X		3600 psi	7/8"
	20G232123	40"		X		3600 psi	7/8"
	20G232124	60"		X		3600 psi	7/8"
	20G232125	80"		X		3600 psi	7/8"
	20G218775*	18-36"			X	3000 psi	7/8"
	20G218776	36-72"			X	3000 psi	7/8"
	20G218777	72-144"			X	3000 psi	7/8"

*20G218775 - This includes adapter part number 20G244825 for use with the 7/8" Contractor In-Line

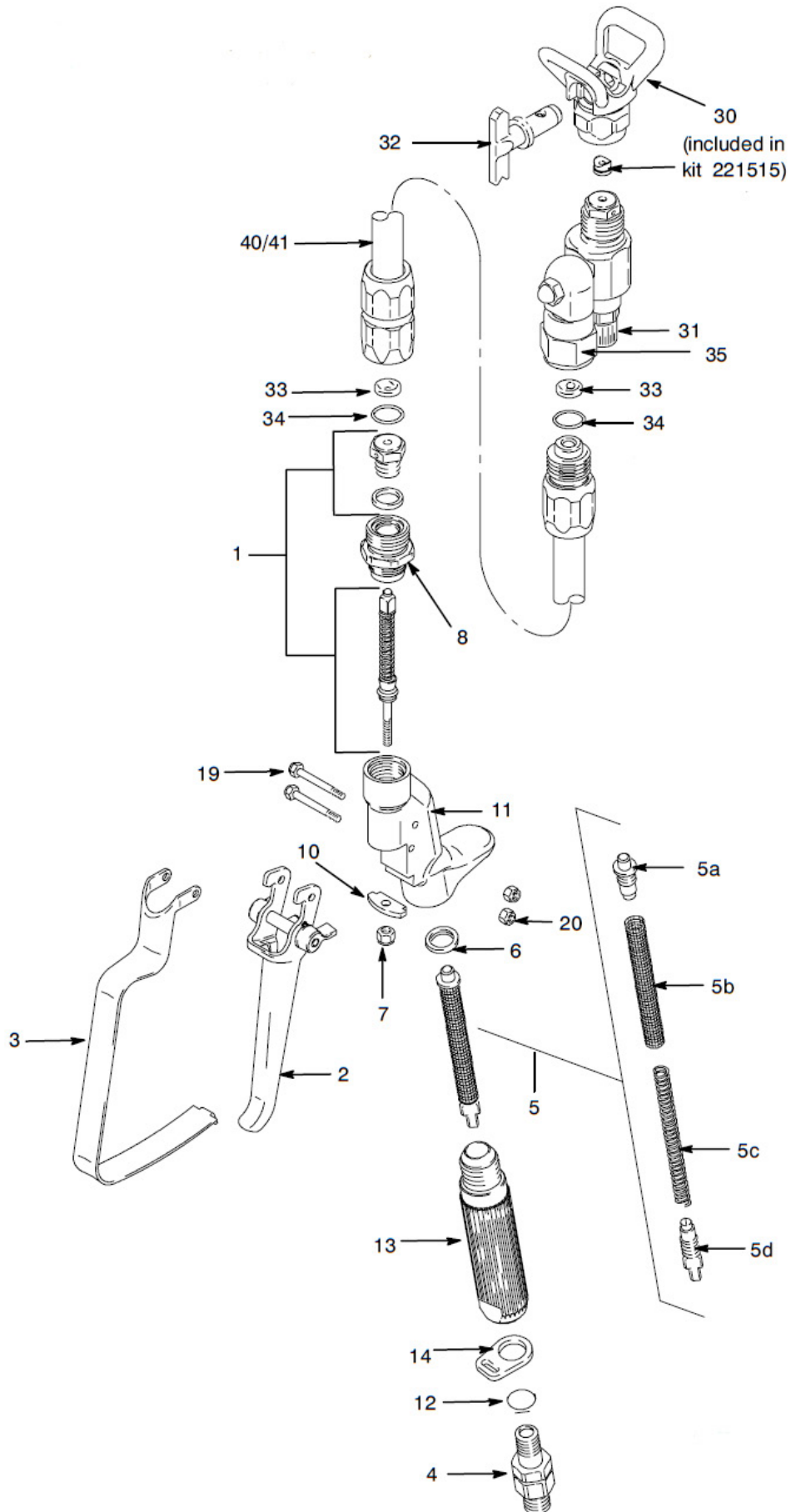
PART NUMBERS AND SCHEMATICS GUIDE

Graco® Pole Gun









Item #	Part #	Description	Item #	Part #	Description
Fig. 1			35	20G244363	Swivel Repair Kit <i>Includes Item #'s: 35a–35d</i>
1	20G218070	Needle-diffuser/seat kit	35a	—	Swivel, inlet assembly
2	20G244193	Trigger, gun, inline	35b	—	Nut, cap
3	20G196869	Guard, trigger	35c	—	Packing, o-ring (<i>Quantity of Two</i>)
4	20G238817	Kit, swivel 1	35d	—	Packing, o-ring
5	20G218131	50 mesh fluid filter assembly <i>Includes Item #'s: 5a–5d</i>	36	20G245687	Kit, valve body
5a	20G179722	Retainer, spring	40*	20G244163	3-foot pole
5b	20G179731	Element, strainer	41*	20G244164	6-foot pole
5c	20G179763	Spring, compression	—	205V548	Brochure – Graco® Pole Gun
5d	20G179750	Retainer, spring	—	206M548	Part Numbers and Schematics Guide - Graco® Pole Gun
6	20G179733	Seal, sleeve	—	209V548	Operator's Manual - Graco® Pole Gun
7	20G107110	Locknut	<i>*Not available as a replacement part.</i>		
8	20G197052	Adapter, rac			
10	20G197058	Bracket, stern			
11	20G197568	Housing, fluid, locking			
12	20G113409	Retainer, guard			
13	20G195788	Handle, gun			
14	20G104938	Packing, o-ring			
19	20G177538	Stud, trigger (<i>Quantity of Two</i>)			
20	20G105334	Nut, lock, hex (<i>Quantity of Two</i>)			
21	20G222385	Warning card (<i>not shown</i>)			
23	20G187348	Cover, warning			
30	20G246215	RAC® X HandTite™ Guard, 7/8" thread			
31	20G244162	CleanShot™ Repair Kit <i>Includes Item #'s: 31a–31k</i>			
31a	—	Seat, valve			
31b	—	Gasket			
31c	—	Retainer, ball			
31d	—	Dampener, spring			
31e	—	Spring, compression			
31f	—	Guide, spring			
31g	—	Seal, u-cup			
31h	—	Packing, o-ring			
31i	—	Retainer, u-cup			
31j	—	Cap, end, u-cup			
31k	—	Knob, valve			
32	20GLTX517	Tip, spray, 517 0.017" orifice, 10-12" fan			
33	20G162863	Gasket, non-metallic (<i>Quantity of Two</i>)			
34	20G120190	Packing, o-ring (<i>Quantity of Two</i>)			



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Figure 1: Graco® Pole Gun







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		TIP EXTENSIONS			
Part Numbers	Length	Tip Guard Style	Tip Guard Color	Maximum Working Pressure	
 20G287019	10"	RAC® X HandTite™	Blue	4050 psi	
 20G243295	10"	RAC® 5 HandTite™	Orange	4050 psi	
 20G287020	15"	RAC® X HandTite™	Blue	4050 psi	
 20G243296	15"	RAC® 5 HandTite™	Orange	4050 psi	
 20G287021	20"	RAC® X HandTite™	Blue	4050 psi	
 20G243297	20"	RAC® 5 HandTite™	Orange	4050 psi	
 20G287022	30"	RAC® X HandTite™	Blue	4050 psi	
 20G243298	30"	RAC® 5 HandTite™	Orange	4050 psi	

		ADAPTERS			
Part Numbers	Description	For Use With	Maximum Working Pressure	Thread Size	
 20G235486	180° Easy Turn Directional Spray Nozzle	Sprays at a variety of angles by attaching to any Graco Extensions	3600 psi	7/8"	
 20G224399	45° Adapter	Connects to Airless Spray Gun and any Graco Extension for use with Pressure Roller or JetRoller	3600 psi	7/8"	


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TIP SPECIFICATION SUMMARY

	Part Numbers	Tip Guard	Maximum Working Pressure	Color	Typical Applications	Typical Materials
	RAC® 5 SwitchTip™ (20G286xxx)	RAC® 5 HandTite™ 20G243161 or 20G243263	4050 psi	Black	Residential, Commercial, or Industrial	Lacquers to Mastics, Latex Paints
	RAC® X Fine Finish SwitchTip™ (20GFFTxxx)	RAC® X HandTite™ 20G246215	4050 psi	Green	Cabinetry, Woodworking, Metal and Fine Finish Surfaces	Lacquers, Varnishes, Urethanes
	RAC® X SwitchTip™ (20GLTXxxx)	RAC® X HandTite™ 20G246215 or 20G246437	4050 psi	Blue	Residential, Commercial, or Industrial	Lacquers to Mastics, Latex Paints
	RAC® IV SwitchTip™ (20G221xxx)	Performance Series DripLess Tip Guard 20G237859	4050 psi	Black	Residential, Commercial or Industrial	Lacquers to Mastics

PART NUMBERS AND SCHEMATICS GUIDE

RAC® 5 SWITCHTIP™ SPECIFICATIONS


	Part Numbers	Tip Guard	Maximum Working Pressure	Color	Typical Applications	Typical Materials
	RAC® 5 SwitchTip™ (20G286xxx)	RAC® 5 HandTite™ 20G243161 or 20G243263	4050 psi	Black	Residential, Commercial, or Industrial	Lacquers to Mastics, Latex Paints

RAC® 5 SwitchTips™ (20G286xxx)

		ORIFICE SIZE – INCHES																								
		IN	.007	.009	.011	.013	.015	.017	.019	.021	.023	.025	.027	.029	.031	.033	.035	.039	.043	.045	.051	.055	.063	.065		
FAN WIDTH	2-4		109	111	113	115		119	121																	
	4-6	207	209	211	213	215	217	219	221	223	225						235									
	6-8	307	309	311	313	315	317	319	321	323	325	327			331											
	8-10		409	411	413	415	417	419	421	423	425	427	429		433	435	439	443		451	455					
	10-12		509	511	513	515	517	519	521	523	525	527	529	531	533	535		543		551	561	563				
	12-14		609	611	613	615	617	619	621	623	625	627	629	631	633	635			645		655				665	
	14-16								721	723	725		729			735										
	16-18					815	817	819	821			827		831	833	835										
	18-20						917									935										
Flow Rate (gpm)		.05	.09	.12	.18	.24	.31	.38	.47	.57	.67	.77	.90	1.03	1.17	1.31	1.63	1.98	2.17	2.79	3.25	4.26	4.53			

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RAC® X FINE FINISH SWITCHTIP™ SPECIFICATIONS


	Part Numbers	Tip Guard	Maximum Working Pressure	Color	Typical Applications	Typical Materials
	RAC® X Fine Finish SwitchTip™ (20GFFTxxx)	RAC® X HandTite™ 20G246215	4050 psi	Green	Cabinetry, Woodworking, Metal and Fine Finish Surfaces	Lacquers, Varnishes, Urethanes

RAC® X Fine Finish SwitchTips™ (20GFFTxxx)

		ORIFICE SIZE – INCHES			
		IN	.008	.010	.012
FAN WIDTH	2-4	108	110	112	
	4-6	208	210	212	214
	6-8	308	310	312	314
	8-10		410	412	414
	10-12		510	512	514
	12-14			612	614
	Flow Rate (gpm)	.07	.11	.15	.21

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RAC® X SWITCHTIP™ SPECIFICATIONS

	Part Numbers	Tip Guard	Maximum Working Pressure	Color	Typical Applications	Typical Materials
	RAC® X SwitchTip™ (20GLTXxxx)	RAC® X HandTite™ 20G246215 or 20G246437	4050 psi	Blue	Residential, Commercial, or Industrial	Lacquers to Mastics, Latex Paints

RAC® X SwitchTips™ (20GLTXxxx)


		ORIFICE SIZE – INCHES													
FAN WIDTH		IN	.007	.009	.011	.013	.015	.017	.019	.021	.023	.025	.027	.029	.031
2-4				109	111		115								
4-6		207	209	211	213	215	217	219	221			225	227		231
6-8			309	311	313	315	317	319	321	323	325	327	329	331	
8-10			409	411	413	415	417	419	421	423	425	427	429	431	
10-12			509	511	513	515	517	519	521	523	525	527	529	531	
12-14				611	613	615	617	619	621	623	625	627	629	631	
14-16									721	723			729		
16-18							817	819	821			827		831	
Flow Rate (gpm)		.05	.09	.12	.18	.24	.31	.38	.47	.57	.67	.77	.90	1.03	

RAC® X SwitchTips™ (20GLTXxxx) continued

		ORIFICE SIZE – INCHES												
FAN WIDTH		IN	.033	.035	.037	.039	.041	.043	.045	.051	.055	.061	.065	.071
2-4														
4-6			235											
6-8			335											
8-10		433	435		439	441	443	445	451	455				
10-12		533	535	537	539	541	543	545	551	555	561			
12-14		633	635	637	639	641	643	645	651	655	661	665	671	
14-16			735											
16-18		833	835											
Flow Rate (gpm)		1.17	1.31	1.47	1.63	1.8	1.98	2.17	2.79	3.25	4.0	4.53	5.41	

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RAC® IV SWITCHTIP™ SPECIFICATIONS


	Part Numbers	Tip Guard	Maximum Working Pressure	Color	Typical Applications	Typical Materials
	RAC® IV SwitchTip™ (20G221xxx)	Performance Series DripLess Tip Guard 20G237859	4050 psi	Black	Residential, Commercial or Industrial	Lacquers to Mastics

RAC® IV SwitchTips™ (20G221xxx)



		ORIFICE SIZE – INCHES																					
		.007	.009	.011	.013	.015	.017	.019	.021	.023	.025	.027	.029	.031	.033	.035	.039	.043	.045	.051	.055	.063	.065
FAN WIDTH	IN																						
	2-4			111		115																	
	4-6	207	209	211	213	215	217	219	221	223	225					235							
	6-8	307	309	311	313	315	317	319	321	323	325	327		331									
	8-10		409	411	413	415	417	419	421	423	425	427	429		433	435	439	443		451	455		
	10-12		509	511	513	515	517	519	521	523	525	527	529	531	533	535		543		551	555	563	
	12-14		609	611	613	615	617	619	621	623	625	627	629	631	633	635			645		655		665
	14-16								721	723	725		729			735							
	16-18					815	817	819	821			827		831	833	835							
	18-20						917									935							
	Flow Rate (gpm)	.05	.09	.12	.18	.24	.31	.38	.47	.57	.67	.77	.90	1.03	1.17	1.31	1.63	1.98	2.17	2.79	3.25	4.26	4.53

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PRESSURE ROLLER ASSEMBLIES

	Part Numbers	Extension Length	Extension Type	Maximum Working Pressure	Roller Frame Size	Roller Cover Size	Contractor In-Line Valve	45° Angle Adapter
	20G245397	20"	Standard	3600 psi	9"	1/2"	X	





PRESSURE ROLLER ACCESSORIES


	Part Numbers	Extension Length	Extension Type	Maximum Working Pressure	Roller Frame Size	Roller Cover Size	45° Angle Adapter
	20G244281	18-36"	Telescoping	3000 psi	9"	1/2"	
	20G244279	20"	Standard	3600 psi	9"	1/2"	X

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		JETROLLER SYSTEMS					
Part Numbers	Roller Handle Assembly Size	Contractor In-Line Valve	Tip Style	12" Roller Handle Extension	20" Heavy-Duty Extension	CleanShot™ Shut-Off Valve	
	20G24U170	9"		RAC® X 721 SwitchTip™ and Guard	X	X	X
	20G24U172	9"	X	RAC® X 721 SwitchTip™ and Guard	X	X	X
	20G24V926 (Canada)	9.5"	X	RAC® X 721 SwitchTip™ and Guard	X	X	X
	20G24W128	18" adjustable	X	WideRAC RAC® X 1223 SwitchTip™ and Guard	X	X	X






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		PRESSURE ROLLER FRAMES			
Part Numbers	Roller Frame Size	Roller Frame Type	Thread Size	For Use With	
 20G244271	9"	EvenFlow	7/8"	Graco Heavy-Duty Extensions	
 20G244623	9"	EvenFlow	1/8" npt thread	Graco Telescoping Extensions	
 20G240005	9"	Geospense™	7/8"	Fixed/Standard Extensions	
 20G240055	12"	Geospense™	7/8"	Fixed/Standard Extensions	





		PRESSURE ROLLER FRAME ACCESSORY
Part Numbers	Description	
 20G224398	Attaches roller frame 20G244623 to use with Heavy-Duty Extension	

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PRESSURE ROLLER COVERS

	Part Numbers	Roller Length	Nap Length
	20G107589	9"	3/8"
	20G107590	9"	1/2"
	20G107591	9"	3/4"
	20G186944	12"	1/2"
	20G186945	12"	3/4"

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		JETROLLER ACCESSORIES
Part Numbers	Description	
	20G24V829	9" Roller Handle Assembly
	20G24W130	18" Roller Handle Assembly
	20G24V832	12" Roller Handle Extension
	20G224399	45° Adapter

		HOSE AND HOSE ACCESSORIES
Part Numbers	Description	
	20G238359	6' BlueMax™ II Whip Hose

GLOBAL HEADQUARTERS

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