



GRACO® XTR™ 5 AIRLESS SPRAY GUNS



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, Coating, Dust Collectors, Engineered Systems, Rental, Safety, Service, Repair, & Modernization, and Vacuums.

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 more than 45 shipping locations to serve North American and International markets for all major brands of blasting and coating 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 more than 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, SDS information, and Features & 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, Coating, Dust Collectors, Engineered Systems, Rental, Safety, Service, Repair, & Modernization, and Vacuums.

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 Statement

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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PART NUMBERS


		GRACO® XTR™ 5 AIRLESS SPRAY GUNS				
Part Numbers		Trigger Style	Tip	Handle Style	Tip Guard	Maximum Working Pressure
	20GXTR503	2-Finger	XHD™ 519 RAC® Tip	Oval	XHD™ RAC®	5,000 psi
	20GXTR505	2-Finger	XHD™ 519 RAC® Tip	Round	XHD RAC	5,000 psi
	20GXTR500	4-Finger	None	Round	None	5,000 psi
	20GXTR502	4-Finger	XHD™ 519 RAC® Tip	Oval	XHD™ RAC®	5,000 psi
	20GXTR504	4-Finger	XHD™ 519 RAC® Tip	Round	XHD™ RAC®	5,000 psi
	20GXTR510	4-Finger	XHD™ 519 RAC® Tip	Round	XHD™ RAC®	5,000 psi
	20GXTR501	4-Finger	519 Flat Tip	Round	7/8" Flat Guard	5,000 psi

		TIP SPECIFICATION SUMMARY				
Part Numbers		Tip Guard	Maximum Working Pressure	Color	Typical Applications	Typical Materials
	XHD™ RAC® SwitchTip™ (20GXHDxxx)	XHD™ RAC® 20GXHD001	7250 psi	Gray	Bridges, Tanks, Farms, Structural Steel, or Roofing	Virtually all Paints and Coatings – Solvent and Water-base
	Contractor™ Flat Tip (20G269xxx)	Flat 20G220255	5000 psi	N/A	Residential, Commercial, or Industrial	Architectural Coatings
	Fine Finish Flat Tip (20G163xxx)	Fine Finish 20G220249	4050 psi	N/A	Cabinetry, Woodworking, Metal and Fine Finish Surfaces	Lacquers, Varnishes, Urethanes, and other Fine Finish Materials

PART NUMBERS

		TIP GUARD SUMMARY		
Part Numbers		Tip Style	Thread Size	Color
	20GXHD001	XHD™ RAC®	7/8 Inch	Gray
	20GXHD003	XHD™ RAC® (Stainless Steel)	7/8 Inch	Gray
	20G220247	Fine Finish Flat	7/8 Inch	Orange
	20G220249	Fine Finish Flat	11/16 Inch	Orange
	20G220251	Flat	7/8 Inch	Orange
	20G220255	Flat	11/16 Inch	Orange
	20GXHD005	XHD™ RAC™	11/16 inch	Gray

PART NUMBERS

XHD™ RAC® SWITCHTIP SPECIFICATIONS						
	Part Numbers	Tip Guard	Maximum Working Pressure	Color	Typical Applications	Typical Materials
	XHD™ RAC® SwitchTip™ (20GXHDxxx)	XHD™ RAC® 20GXHD001	7250 psi	Gray	Bridges, Tanks, Farms, Structural Steel, or Roofing	Virtually all Paints and Coatings – Solvent and Water-base


XHD™ RAC® SwitchTips™ (20GXHDxxx)

		ORIFICE SIZE – INCHES																		
FAN WIDTH	IN	.007	.009	.011	.013	.015	.017	.019	.021	.023	.025	.027	.029	.031	.033	.035	.037	.039	.041	
	2-4	107	109	111	113	115	117	119	121										139	
	4-6		209	211	213	215	217	219	221		225	227	229	231		235		239		
	6-8	307	309	311	313	315	317	319	321	323	325	327	329	331	333	335	337	339	341	
	8-10		409	411	413	415	417	419	421	423	425	427	429	431	433	435	437	439	441	
	10-12		509	511	513	515	517	519	521	523	525	527	529	531	533	535	537	539	541	
	12-14		609	611	613	615	617	619	621	623	625	627	629	631	633	635	637	639	641	
	14-16			711	713	715	717	719	721	723	725	727	729	731	733	735	737	739	741	
	16-18				813	815	817	819	821	823	825	827	829	831	833	835	837	839	841	
	18-20									923		927		931	933	935	937	939		
	Flow Rate (gpm)	.05	.09	.12	.18	.24	.31	.38	.47	.57	.67	.77	.90	1.03	1.17	1.31	1.47	1.63	1.8	

XHD™ RAC® SwitchTips™ (20GXHDxxx) continued

		ORIFICE SIZE – INCHES																	
FAN WIDTH	IN	.043	.045	.047	.047	.051	.053	.055	.057	.059	.061	.063	.065	.067	.069	.071	.075	.081	
	2-4																		
	4-6																		
	6-8	343	345	347		351		355											
	8-10	443	445	447	449	451		455		459	461	463	465	467		471	475	481	
	10-12	543	545	547	549	551	553	555	557		561		565	567		571	575		
	12-14	643	645	647	649	651		655	657	659	661	663	665	667	669	671	675		
	14-16	743		747	749	751	753	755			761			767		771			
	16-18	843		847		851		855			861	863		867					
	18-20																		
	Flow Rate (gpm)	1.98	2.17	2.37	2.58	2.79	3.05	3.25	3.49	3.74	4.0	4.26	4.53	4.82	5.11	5.41	6.04	7.04	


PART NUMBERS

		CONTRACTOR™ FLAT TIP SPECIFICATIONS				
Part Numbers		Tip Guard	Maximum Working Pressure	Color	Typical Applications	Typical Materials
	Contractor™ Flat Tip (20G269xxx)	Flat 20G220255	5000 psi	N/A	Residential, Commercial, or Industrial	Architectural Coatings

Contractor™ Flat Tips (20G269xxx)

		ORIFICE SIZE – INCHES												
		IN	.011	.013	.015	.017	.019	.021	.023	.025	.027	.029	.031	.035
FAN WIDTH	4-6	211	213	215	217	219			225	227				
	6-8	311	313	315	317	319	321	323	325	327				
	8-10	411	413	415	417	419	421	423	425	427				435
	10-12	511	513	515	517	519	521	523	525	527			531	
	12-14		613	615	617	619	621	623	625	627			631	635
	14-16			715	717	719	721		725					
	16-18			815		819	821			827	829	831		
	18-20								925					
	Flow Rate (gpm)		.12	.18	.24	.31	.38	.47	.57	.67	.74	.90	1.03	1.31





PART NUMBERS





		FINE FINISH FLAT TIP SPECIFICATIONS				
Part Numbers		Tip Guard	Maximum Working Pressure	Color	Typical Applications	Typical Materials
	Fine Finish Flat Tip (20G163xxx)	Fine Finish 20G220249	4050 psi	N/A	Cabinetry, Woodworking, Metal and Fine Finish Surfaces	Lacquers, Varnishes, Urethanes, and other Fine Finish Materials

Fine Finish Flat Tips (20G163xxx)






		ORIFICE SIZE – INCHES													
		IN	.008	.010	.021	.014	.016	.018	.020	.022	.024	.026	.028	.030	.032
FAN WIDTH	2-4	108	110												
	4-6	208	210	212	214	216	218			224					232
	6-8		310	312	314	316	318	320	322	324					
	8-10	408	410	412	414	416	418	420		424	426	428	430	432	
	10-12		510	512	514	516	518	520	522	524	526	528	530		
	12-14		610	612	614	616	618	620	622	624	626	628			
	14-16			712	714	716	718				726				
	16-18				814	816	818	820	822	824	826	828			832
	18-20			912	914		918		922	924	926				
	Flow Rate (gpm)		.07	.11	.15	.21	.27	.35	.43	.52	.62	.73	.84	.97	1.1



PART NUMBERS

		TIP GASKETS		
	Part Numbers	Description	Material	Package Quantity
	20G166969	1/16 Inch Thin Tip Gasket	Nylon	One Each
	20G223373	1/16 Inch Thin Tip Gaskets	Nylon	25/Package
	20G162863	5/32 Inch Thick Tip Gasket	Nylon	One Each
	20G223374	5/32 Inch Thick Tip Gaskets	Nylon	25/Package




		TIP EXTENSIONS	
	Part Numbers	Description	Package Quantity
	20G246294	Heavy-Duty 10 Inch Tip Extension	One Each
	20G246295	Heavy-Duty 15 Inch Tip Extension	One Each
	20G246296	Heavy-Duty 18 Inch Tip Extension	One Each
	20G246297	Heavy-Duty 72 Inch Tip Extension	One Each

PART NUMBERS

		MESH GUN FILTERS		
Part Numbers		Mesh Size	Color	Package Quantity
	20G287032	60 Mesh	Black	1/Package
	20G287033	100 Mesh	Blue	1/Package
	20G287034	60 Mesh and 100 Mesh	Black and Blue	1 Each/Package
	20G224455	100 Mesh	Silver	2/Package
	20G224456	50 Mesh	Silver	2/Package

		TIP FILTERS	
Part Numbers		Mesh Size	Package Quantity
	20G224453	60 Mesh	5/Package
	20G224454	100 Mesh	5/Package

PART NUMBERS

		TIP BRUSHES	
	Part Numbers	Size	Bristle Material
	20G101891	3/8 x 2-1/4 Inches	Nylon
	20G101892	5/8 x 2-1/4 Inches	Nylon
	20G119799	3/8 x 1 Inch	Nylon

PART NUMBERS AND SCHEMATICS GUIDE

Graco® XTR™ 5 Airless Spray Gun

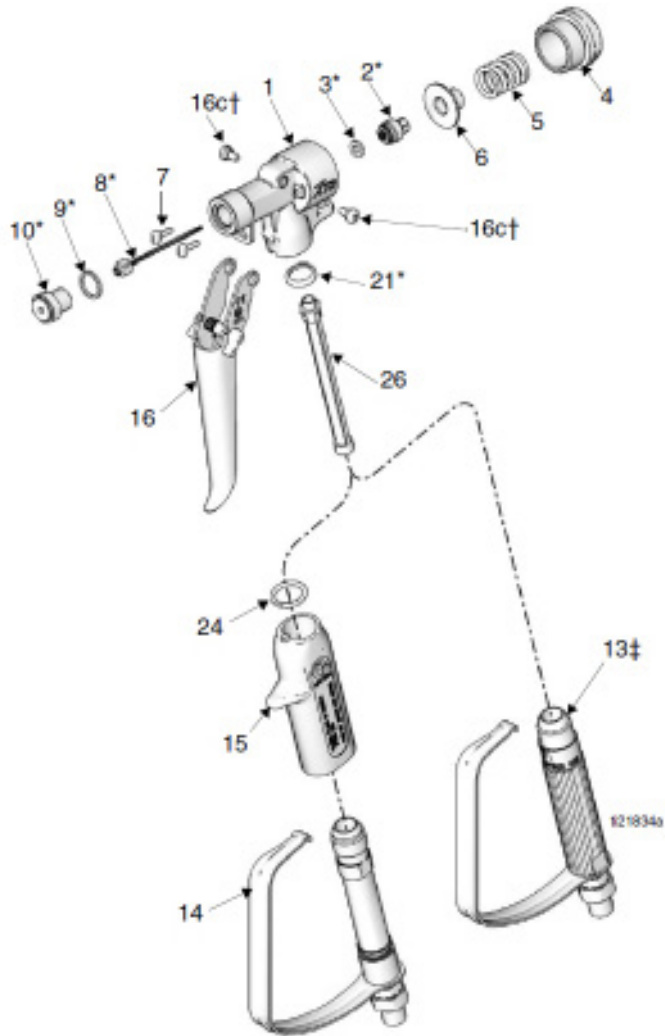
Item #	Part #	Description	XTR500	XTR501	XTR502	XTR503	XTR504	XTR505	XTR510	
Fig. 1										
1	20G15J771	Body, Gun	X	X	X	X	X	X	X	
2*	20G245881	Seal, Retainer Assembly	X	X	X	X	X	X	X	
3*	—	Gasket	X	X	X	X	X	X	X	
4	20G15K000	Cap, end	X	X	X	X	X	X	X	
5	20G117350	Spring	X	X	X	X	X	X	X	
6	20G15E088	Retainer, needle	X	X	X	X	X	X	X	
7	20G15E085	Pin, acutator	X	X	X	X	X	X	X	
8*	20G248591	Needle	X	X	X	X	X	X	X	
9*	20G156766	Gasket	X	X	X	X	X	X	X	
10*	20G245858	Seat, Valve	X	X	X	X	X	X	X	
13	20G255275	Round Handle, includes trigger guard and swivel	X	X			X	X	X	
14	20G248952	Handle Kit			X	X				
15	20G276997	Oval Handle Sleeve, insulated			X	X				
16	20G287449	Trigger Kit (4-Finger, straight, includes 16c)	X	X			X		X	
	20G287451	Trigger Kit, (4-Finger, curved, includes 16c)			X					
	20G287450	Trigger Kit, (2-Finger, includes 16c)				X		X		
16c	20G117602	Screw, shoulder, #8-32	X	X	X	X	X	X	X	
19	20GXHDxxx	Guard, RAC Tip	X		X	X	X	X	X	
20	20GXHDxxx	Switch, RAC tip; 519 size included		X	X	X	X	X		
	20GXHDxxx	Switch, RAC tip; 529 size							X	
20a	—	Seal, fluid			X	X	X	X	X	
20b	—	Gasket			X	X	X	X	X	
20c	—	Tip, Spray, XHD RAC			X	X	X	X	X	
21	20G179133	Seal, sleeve	X	X	X	X	X	X	X	
24	20G119740	O-Ring			X	X				
26	20G287032	Filter, 60 mesh included with gun	X	X	X	X	X	X		
	20G287034	Filter, 60 mesh and 100 mesh combo	X	X	X	X	X	X		
29	20G222385	Tag, warning (not shown)	X	X	X	X	X	X	X	
30	20G166969	Gasket		X						
31	20G220251	Guard, Flat Tip		X						
32	20G163519	Tip, 519 Flat		X						
36*	20G194744	Tool, repair, packing	X	X	X	X	X	X	X	
—	206M509	Part Numbers & Schematics Guide – Graco® XTR™ 5 Airless Spray Guns								
—	109V509	Operator's Manual – Graco® XTR™ 5 Airless Spray Guns								

--- Item not available for individual sale

* Parts included in Repair Kit 20G248837 purchased separately

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Figure 1: Graco XTR 5 Airless Spray Gun



MAINTENANCE NOTES

DATE	TYPE OF SERVICE	PART NUMBER

GLOBAL HEADQUARTERS

- 3425 East Locust Street
Davenport, IA 52803

ph: 800.BLAST.IT (800.252.7848)
ph: 563.324.2519
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REGIONAL BRANCH OFFICES

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