

GRACO® ULTRA® 395 PC ELECTRIC AIRLESS SPRAY PUMP







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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Express Displacement Pump
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	GRACO® ULTR			GRACO® ULTRA® 395 PC ELECTRIC AIRLESS SPRAY PUMPS			
	MODEL				g	=	
Part Numbers	Stand	Lo-Boy	Hi-Boy	Contractor Airless Spray Gun	RAC X™ 517 SwitchTip and Guard	1/4" x 50' BlueMax™ Airless Hose	Endurance™ Pump
20G17C314	Х			X	×	×	X
20G17C315		Х		Х	×	×	Х
20G17C317			X	X	X	X	Х

GRACO® ULTRA® 395 PC ELECTRIC AIRLESS SPRAY PUMP – SPECIFICATIONS			
Max Tip Size	0.023"		
Max Gallons Per Minute	0.54 Gallons		
Max PSI	3300 PSI		
Motor HP	7/8 TEFC AC		



Stand Model 20G17C314



Lo-Boy Model 20G17C315

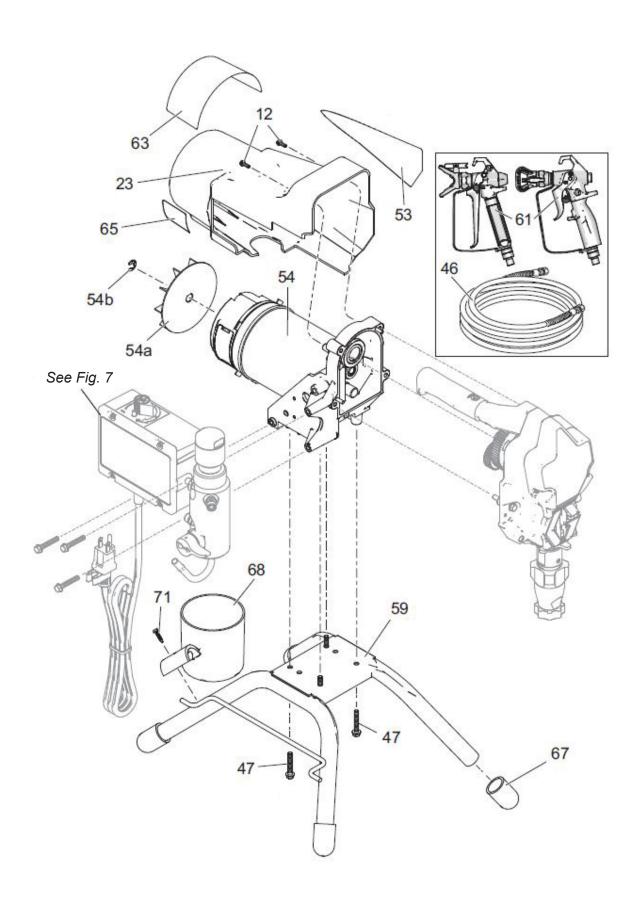


Hi-Boy Model 20G17C317

Graco® Ultra® 395 PC Electric Airless Spray Pump – Stand Model

Item #	Part #	Description
Fig. 1	,	
_	20G17C314	Graco [®] Ultra [®] 395 PC Electric Airless Spray Pump – Stand Model
12	20G117501	Hex Washer Head Machine Screw (Quantity of Four)
23	20G15B465	Painted Motor Shield
46	20G240794	1/4" I.D. x 50' Coupled Hose
47	20G117493	Hex Washer Head Machine Screw (Quantity of Nine)
53	20G17C824	Side Label
54	20G287015	Motor (Includes Item #'s: 54a and 54b)
54a	20G118716	Retaining Ring
54b	20G248189	Motor Fan (Includes Item #54a)
59	20G15E823	Stand Mount Frame (Includes Item #67)
61	20G288420	Contractor Airless Spray Gun with RAC X™ 517 Tip
63	20G15B516	Danger Label
65	20G195793	Warning Label
67	20G15G857	Leg Cap (Quantity of Four)
68	20G287903	Suction/Drain Cup
71	20G122667	Hex Washer Head Drill Screw
_	201M632	Brochure – Graco® Electric Sprayers
_	206M510	Part Numbers and Schematics Guide – Graco® Contractor Airless Spray Gun
_	206M633	Part Numbers and Schematics Guide – Graco® Ultra® 395 PC Electric Airless Spray Pump
_	209V605	Operator's Manual – Graco® Ultra® 395 PC Electric Airless Spray Pump

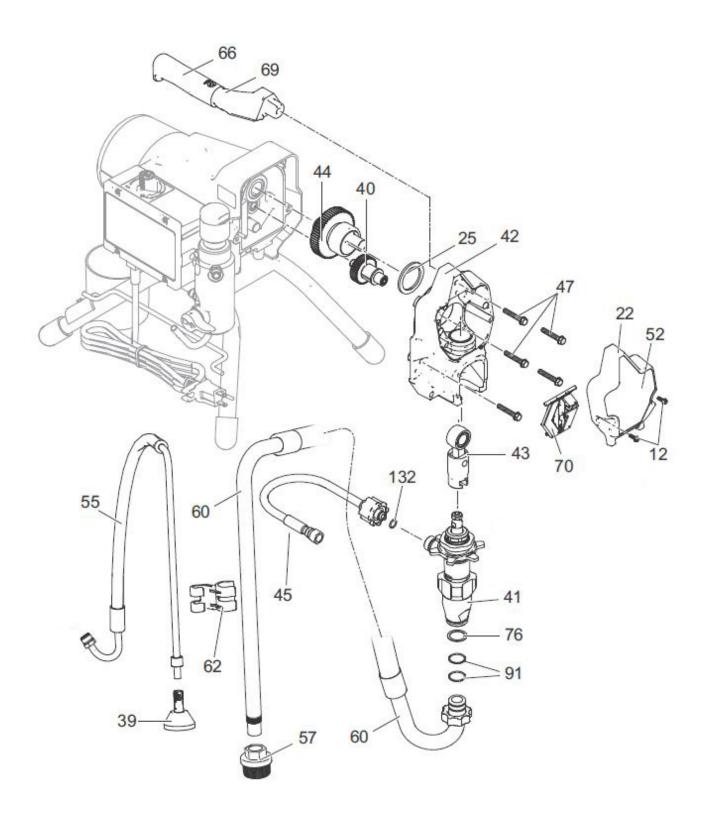
Figure 1: Graco[®] Ultra[®] 395 PC Electric Airless Spray Pump – Stand Model



Graco® Ultra® 395 PC Electric Airless Spray Pump – Stand Model Continued

Item #	Part #	Description
Fig. 2		
_	20G17C314	Graco [®] Ultra [®] 395 PC Electric Airless Spray Pump – Stand Model
12	20G117501	Hex Washer Head Machine Screw (Quantity of Four)
22	20G17C539	Painted Front Cover
25	20G180131	Thrust Bearing
39	20G241920	Threaded Deflector
40	20G249194	Reducer Gear
41	20G17C487	ProConnect™ Endurance™ Displacement Pump (See Fig. 8)
42	20G24W817	ProConnect™ Drive Housing (Includes Item #47)
43	20G24W640	ProConnect™ Connecting Rod
44	20G24X020	Crankshaft Gear (Includes Item #25)
45	20G24W830	ProConnect™ Coupled Hose Kit (Includes Item #132)
47	20G117493	Hex Washer Head Machine Screw (Quantity of Nine)
52	20G17C823	Front Label
55	20G246381	Drain Line Repair Kit (Includes Item #'s: 39 and 62)
57	20G246385	7/8-14 Inlet Strainer
60	20G246386	Hose Suction Repair Kit (Includes Item #'s: 57, 62, 76, and 91)
62	20G276888	Drain Line Clip
66	20G116139	Handle Grip
69	20G287072	Sprayer Handle (Includes Item #'s: 47 and 66)
70	20G17C483	Pump Rod Cover
76	20G115099	Hose Washer
91	20G117559	O-Ring (Quantity of Two)
132	20G16H137	Packing O-Ring
_	201M632	Brochure – Graco® Electric Sprayers
_	206M633	Part Numbers and Schematics Guide – Graco® Ultra® 395 PC Electric Airless Spray Pump
_	209V605	Operator's Manual – Graco® Ultra® 395 PC Electric Airless Spray Pump

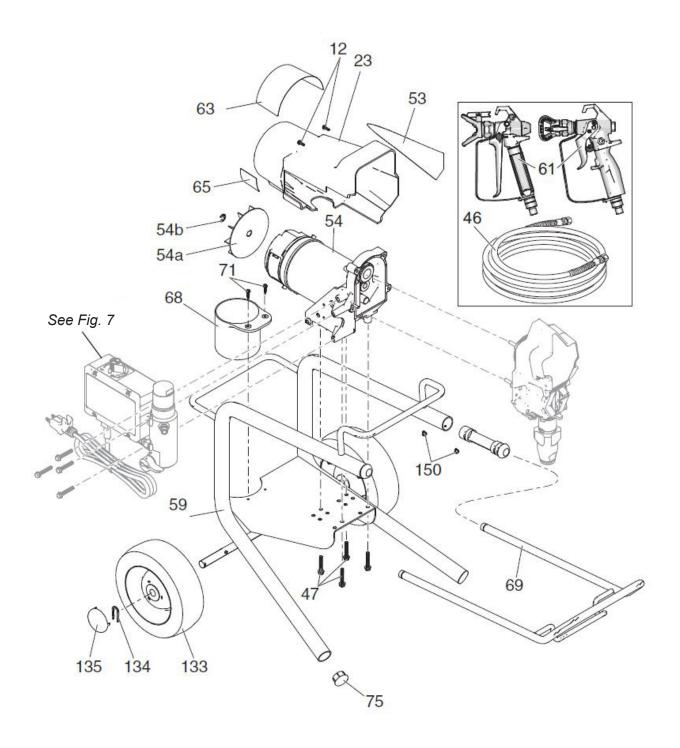
Figure 2: Graco® Ultra® 395 PC Electric Airless Spray Pump – Stand Model Continued



Graco® Ultra® 395 PC Electric Airless Spray Pump – Lo-Boy Model

Item #	Part #	Description
Fig. 3		
_	20G17C315	Graco [®] Ultra [®] 395 PC Electric Airless Spray Pump – Lo-Boy Model
12	20G117501	Hex Washer Head Machine Screw (Quantity of Four)
23	20G15B465	Painted Motor Shield
46	20G240794	1/4" I.D. x 50' Coupled Hose
47	20G117493	Hex Washer Head Machine Screw (Quantity of Nine)
53	20G17C824	Side Label
54	20G287015	Motor (Includes Item #'s: 54a and 54b)
54a	20G118716	Retaining Ring
54b	20G248189	Motor Fan (Includes Item #54a)
59	20G246250	Lo Cart Frame
61	20G288420	Contractor Airless Spray Gun with RAC X™ 517 Tip
63	20G15B516	Danger Label
65	20G195793	Warning Label
68	20G15B870	Suction/Drain Cup
69	20G287488	Lo Cart Assembly Handle
71	20G122667	Hex Washer Head Drill Screw (Quantity of Two)
75	20G107310	Tubing Plug (Quantity of Two)
133	20G195766	Semi-Pneumatic Wheel (Quantity of Two)
134	20G15B999	Retaining Clip (Quantity of Two)
135	20G104811	Hub Cap (Quantity of Two)
150	20G109032	Pan-Head Screw (Quantity of Four)
_	201M632	Brochure – Graco® Electric Sprayers
_	206M510	Part Numbers and Schematics Guide – Graco® Contractor Airless Spray Gun
_	206M633	Part Numbers and Schematics Guide – Graco® Ultra® 395 PC Electric Airless Spray Pump
_	209V605	Operator's Manual – Graco® Ultra® 395 PC Electric Airless Spray Pump

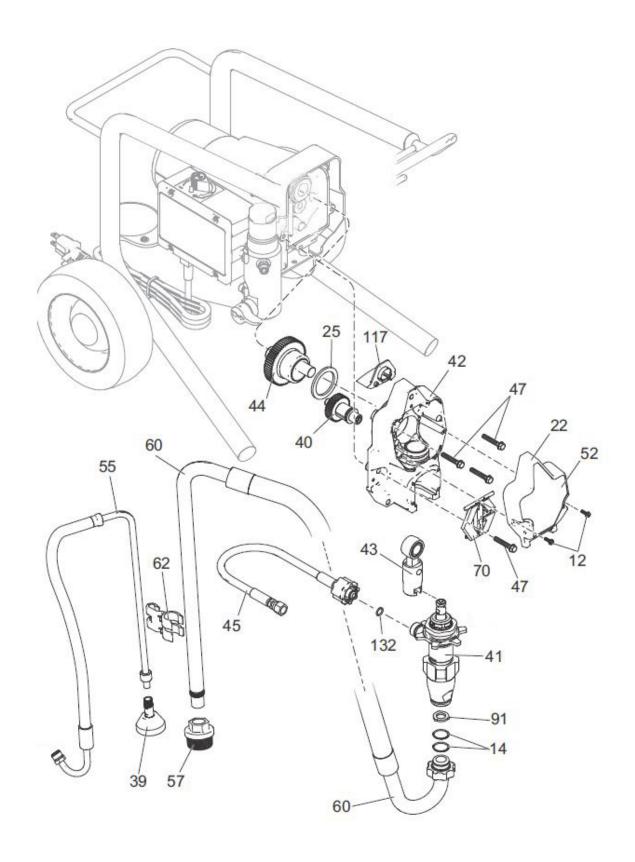
Figure 3: Graco® Ultra® 395 PC Electric Airless Spray Pump – Lo-Boy Model



Graco® Ultra® 395 PC Electric Airless Spray Pump – Lo-Boy Model Continued

Item #	Part #	Description
Fig. 4		
_	20G17C315	Graco [®] Ultra [®] 395 PC Electric Airless Spray Pump – Lo-Boy Model
12	20G117501	Hex Washer Head Machine Screw (Quantity of Four)
14	20G117559	O-Ring (Quantity of Two)
22	20G17C539	Painted Front Cover
25	20G180131	Thrust Bearing
39	20G241920	Threaded Deflector
40	20G249194	Reducer Gear
41	20G17C487	ProConnect™ Endurance™ Displacement Pump (See Fig. 8)
42	20G24W817	ProConnect™ Drive Housing (Includes Item #47)
43	20G24W640	ProConnect™ Connecting Rod
44	20G24X020	Crankshaft Gear (Includes Item #25)
45	20G24W830	ProConnect™ Coupled Hose Kit (Includes Item #132)
47	20G117493	Hex Washer Head Machine Screw (Quantity of Eight)
52	20G17C823	Front Label
55	20G246381	Drain Line Repair Kit (Includes Item #'s: 39 and 62)
57	20G246385	7/8-14 Inlet Strainer
60	20G246386	Hose Suction Repair Kit (Includes Item #'s: 14, 57, 62, and 91)
62	20G276888	Drain Line Clip
70	20G17C483	Pump Rod Cover
91	20G115099	Hose Washer
117	20G15G447	Painted Shield Plug
132	20G16H137	O-Ring Packing
_	201M632	Brochure – Graco® Electric Sprayers
_	206M633	Part Numbers and Schematics Guide – Graco® Ultra® 395 PC Electric Airless Spray Pump
_	209V605	Operator's Manual – Graco® Ultra® 395 PC Electric Airless Spray Pump

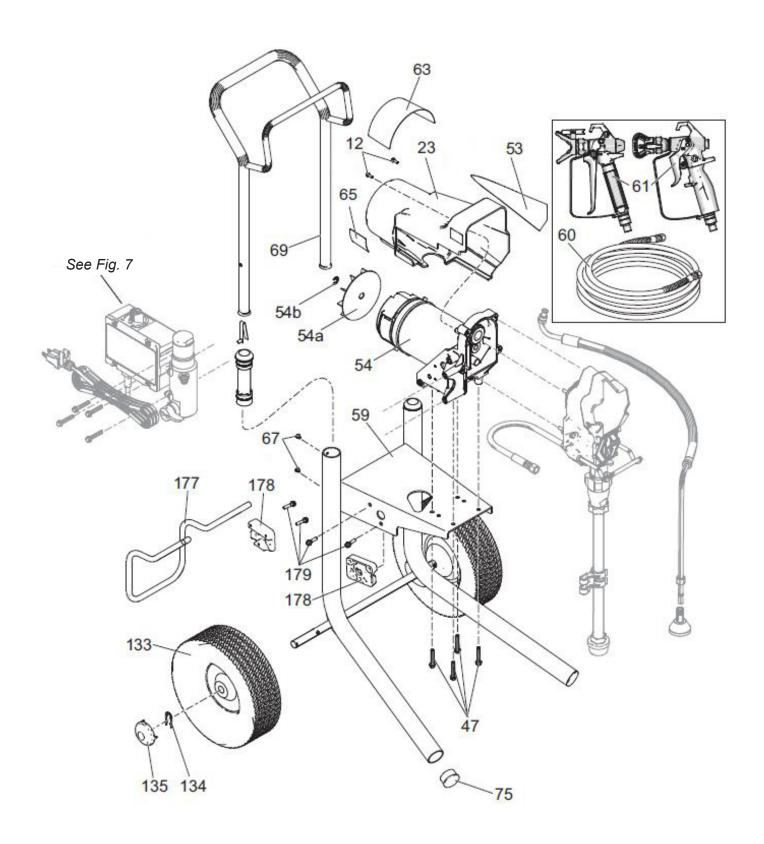
Figure 4: Graco® Ultra® 395 PC Electric Airless Spray Pump – Lo-Boy Model Continued



Graco® Ultra® 395 PC Electric Airless Spray Pump – Hi-Boy Model

Item #	Part #	Description
Fig. 5		
_	20G17C317	Graco [®] Ultra [®] 395 PC Electric Airless Spray Pump – Hi-Boy Model
12	20G117501	Hex Washer Head Machine Screw (Quantity of Four)
23	20G15B465	Painted Motor Shield
47	20G117493	Hex Washer Head Machine Screw (Quantity of Eight)
53	20G17C824	Side Label
54	20G287015	Motor (Includes Item #'s: 54a and 54b)
54a	20G118716	Retaining Ring
54b	20G248189	Motor Fan (Includes Item #54a)
59	20G17C485	Hi Cart Frame
60	20G17C992	Stinger Tube Kit (Includes Item #'s: 15, 57, 84, 91, and 96)
61	20G288420	Contractor Airless Spray Gun with RAC X™ 517 Tip
63	20G15B516	Danger Label
67	20G109032	Pan-Head Screw (Quantity of Four)
69	20G287489	Handle
75	20G108691	Tubing Plug (Quantity of Two)
133	20G106062	Semi-Pneumatic Wheel (Quantity of Two)
134	20G15B999	Retaining Clip (Quantity of Two)
135	20G104811	Hub Cap (Quantity of Two)
177	20G15D281	Cart Stand Hanger
178	20G15C982	Cart Cam (Quantity of Two)
179	20G114531	Hex Washer Head Machine Screw (Quantity of Four)
_	201M632	Brochure – Graco® Electric Sprayers
_	206M510	Part Numbers and Schematics Guide – Graco® Contractor Airless Spray Gun
_	206M633	Part Numbers and Schematics Guide – Graco® Ultra® 395 PC Electric Airless Spray Pump
_	209V605	Operator's Manual – Graco® Ultra® 395 PC Electric Airless Spray Pump
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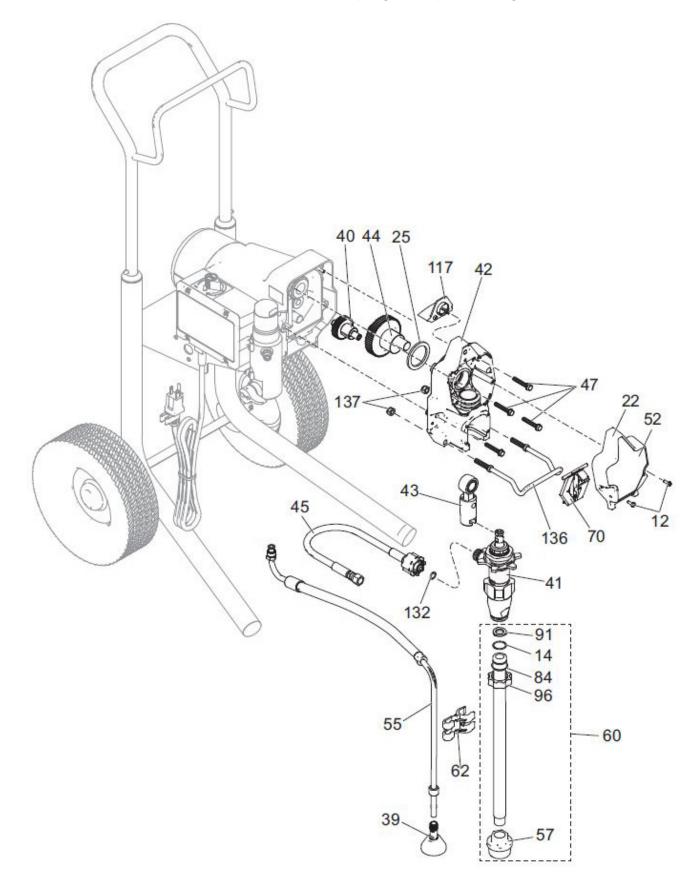
Figure 5: Graco® Ultra® 395 PC Electric Airless Spray Pump – Hi-Boy Model



Graco® Ultra® 395 PC Electric Airless Spray Pump – Hi-Boy Model Continued

Item #	Part #	Description
Fig. 6		
_	20G17C317	Graco [®] Ultra [®] 395 PC Electric Airless Spray Pump – Hi-Boy Model
12	20G117501	Hex Washer Head Machine Screw (Quantity of Four)
14	20G103413	O-Ring
22	20G17C539	Painted Front Cover
25	20G180131	Thrust Bearing
39	20G241920	Threaded Deflector
40	20G249194	Reducer Gear
41	20G17C487	ProConnect™ Endurance™ Displacement Pump (See Fig. 8)
42	20G24W817	ProConnect™ Drive Housing (Includes Item #47)
43	20G24W640	ProConnect™ Connecting Rod
44	20G24X020	Crankshaft Gear (Includes Item #25)
45	20G24W830	ProConnect™ Coupled Hose Kit (Includes Item #132)
47	20G117493	Hex Washer Head Machine Screw (Quantity of Eight)
52	20G17C823	Front Label
55	20G244240	Drain Hose (Includes Item #39)
57	20G246385	7/8-14 Inlet Strainer
60	20G17C992	Hose Suction Repair Kit (Includes Item #'s: 14, 57, 84, 91 and 96)
62	20G276888	Drain Line Clip
70	20G17C483	Pump Rod Cover
84	20G15B652	Suction Washer
91	20G115099	Hose Washer
96	20G15E813	Jam Nut
117	20G15G447	Painted Shield Plug
132	20G16H137	Packing O-Ring
136	20G17C990	Pail Hanger
137	20G111040	5/16" Locknut with Nylon Insert
_	201M632	Brochure – Graco® Electric Sprayers
_	206M633	Part Numbers and Schematics Guide – Graco® Ultra® 395 PC Electric Airless Spray Pump
_	209V605	Operator's Manual – Graco® Ultra® 395 PC Electric Airless Spray Pump

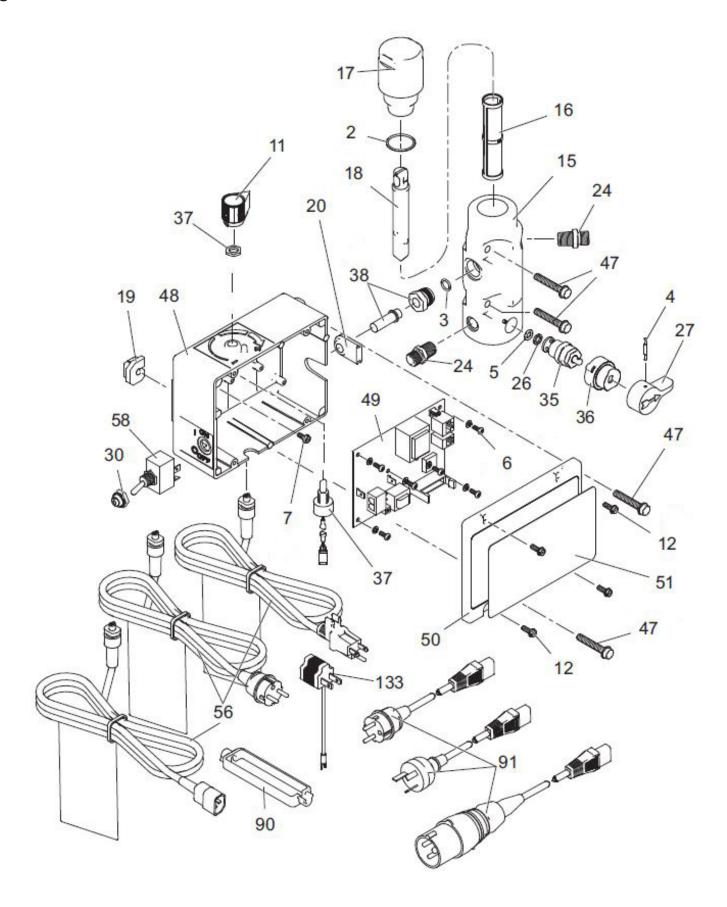
Figure 6: Graco® Ultra® 395 PC Electric Airless Spray Pump – Hi-Boy Model Continued



Control Box

Item #	Part #	Description
Fig. 7		
2	20G117828	Packing O-Ring – PTFE Coated
3	20G111457	Packing O-Ring
4	20G111600	Grooved Pin
5	20G277364	Seat Valve Gasket (Pack of Two)
6	20G115494	Pan-Head Phillips Machine Screw (Quantity of Six)
7	20G115498	Washer Head Slot/Hex Machine Screw
11	20G116167	Potentiometer Knob
12	20G117501	Hex Washer Head Machine Screw (Quantity of Four)
15	20G15G455 20G15T811	Fluid Manifold (For use with models without a pressure gauge) Fluid Manifold (For use with models with a pressure gauge)
16	20G246425	Fluid Filter – 30 Mesh
	20G246384	Fluid Filter – 60 Mesh
	20G246382	Fluid Filter – 100 Mesh
47	20G246383	Fluid Filter – 200 Mesh
17	20G287902	Filter Cap Repair Kit (Includes Item #18) Filter Insert
18	20G15B071	
19	20G15B118 20G15B120	Motor Wire Bushing Transducer Grommet
20		
24 26	20G162453 20G15E022	1/4" x 1/4" Nipple (Quantity of Two) Valve Seat
	20G15E022 20G187625	Drain Valve Handle
27 30	20G107023 20G195428	
35	20G195426 20G239914	Toggle Boot Drain Valve (Includes Item #Is: 5 and 36)
36	20G239914 20G224807	Drain Valve (Includes Item #'s: 5 and 26) Valve Base
37	20G2Z4607 20G17D888	
		Potentiometer Assembly Procesure Control Transducer (Includes Item #2)
38 47	20G243222 20G117493	Pressure Control Transducer (Includes Item #3) Hex Washer Head Machine Screw (Quantity of Four)
48	20G117493 20G276868	Control Box
	20G276606 20G246379	Control Board
49 50	20G246379 20G276882	Control Cover
50	20G270002 20G287098	Digital Display (Includes Item #51)
51	20G15K393	Control Label
56	20G15J743	Power Cord
58	20G195429	Toggle Switch
90	20G195551	Adapter Plug Retainer
91	20G242001	Cord Set Adapter (Europe)
•	20G242005	Cord Set Adapter (Australia)
129	20G158674	Packing O-Ring – Nitrile Rubber
133	20G244285	Japan Adapter
_	20G115523	Fluid Pressure Gauge

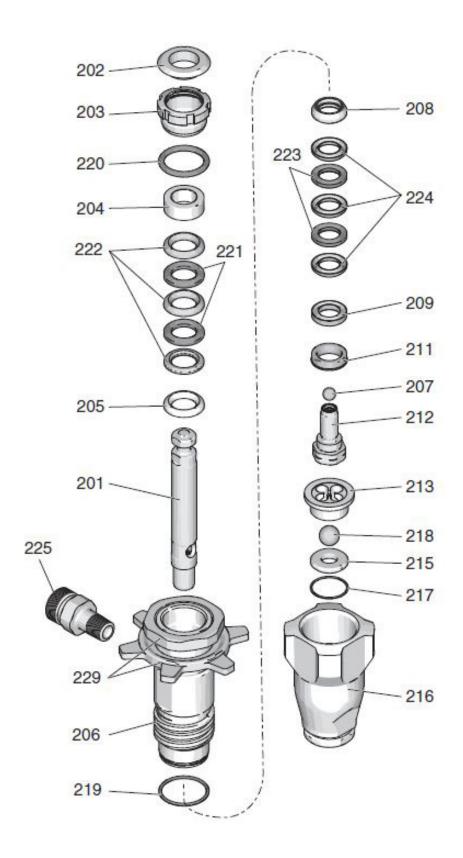
Figure 7: Control Box



ProConnect™ Endurance™ Displacement Pump

Item #	Part #	Description
Fig. 8		
_	20G17C487	ProConnect™ Endurance™ Displacement Pump
201	20G24W617	Displacement Rod (Includes Item #212)
202	20G180656	Plug Button
203	20G193047	Packing Nut
204	20G176757	Female Throat Gland Packing
205	20G176754	Male Throat Gland Packing
206	20G24W619	Pump Cylinder (Includes Item #229)
207	20G105444	0.3125" Diameter Stainless Steel Ball
208	20G195129	Male Piston Gland
209	20G180073	Female Piston Gland
211	20G15G234	Piston Guide
212	20G239937	Piston Valve (Includes Item #201)
213	20G15C011	Ball Guide
215	20G246429	Inlet Check Valve Kit (Includes Item #'s: 213, 217, and 218)
216	20G15B611	Intake Housing Valve
217	20G15B112	Packing O-Ring
218	20G105445	0.5" Diameter Stainless Steel Intake Ball
219	20G108526	Packing O-Ring, PTFE
220	20G160516	O-Ring
221	20G176755	Throat V-Packing, Leather (Quantity of Two)
222	20G192710	Throat V-Packing, V-Max™ <i>(Quantity of Three)</i>
223	20G176749	Piston V-Packing, Leather (Quantity of Two)
224	20G192712	Piston V-Packing, V-Max™ <i>(Quantity of Three)</i>
225	20G17C231	1/4" Pump Fitting
229	_	Retaining Nuts (Not Sold Separately)
_	20G244194	Ultra® Pump Leather Repair Kit (<i>Includes Item</i> #'s: 202, 204, 205, 207, 208, 209, 211, 217, 218, 219, 220, 221, 222, 223, and 224)
_	20G246429	Inlet Check Valve Repair Kit (Includes Item #'s: 213, 215, 217, and 218)
_	209V604	Operator's Manual – ProConnect™ Endurance™ Displacement Pump

Figure 8: ProConnect™ Endurance™ Displacement Pump



ProConnect™ Express Displacement Pump

Item #	Part #	Description
Fig. 9		
_	20G17J552	ProConnect™ Express Displacement Pump
2	20G17J183	Top Piston Seat
4	20G17K983	Piston Rod Kit
5	20G180656	Button Plug
6	20G17J184	Throat V-Packing, V-Max™ <i>(Quantity of Three)</i>
7	20G17J185	Leather V-Packing (Quantity of Two)
8	20G17J179	Piston Seat Retainer Plug
9	20G17K691	Pump Cylinder Kit (Includes Retaining Nuts)
10	20G105444	0.3125" Diameter Stainless Steel Ball
11	20G17J181	Packing Nut
12	20G17J182	Housing Intake Valve
13	20G17K986	Ball Guide Kit (Includes Item #'s: 16 and 18)
16	20G108730	Packing O-Ring
17	20G17J187	Piston Seat O-Ring
18	20G107313	PTFE O-Ring
19	20G125724	Piston V-Packing, V-Max™ (Quantity of Three)
20	20G176755	Leather V-Packing (Quantity of Two)
21	20G17J188	Male Lower Piston Gland
22	20G176754	Male Lower Throat Gland
23	20G176757	Female Throat Gland
24	20G17C231	1/4" Pump Fitting
25	20G195150	Pump Jam Nut
_	20G17K690	Pump Repair Kit (Includes Item #'s: 5, 6, 7, 10, 16, 17, 18, 19, 20, 21, 22, and 23)
	20G17K985	Seat Piston Kit (Includes Item #'s: 2, 8, 10, and 17)
_	20G17K692	ProConnect™ Piston Rod Assembly Repair Kit (Includes Item #'s: 2, 4, 8, and 17)
_	209V607	Operator's Manual – Graco® ProConnect™ Express Displacement Pump

Figure 9: ProConnect™ Express Displacement Pump

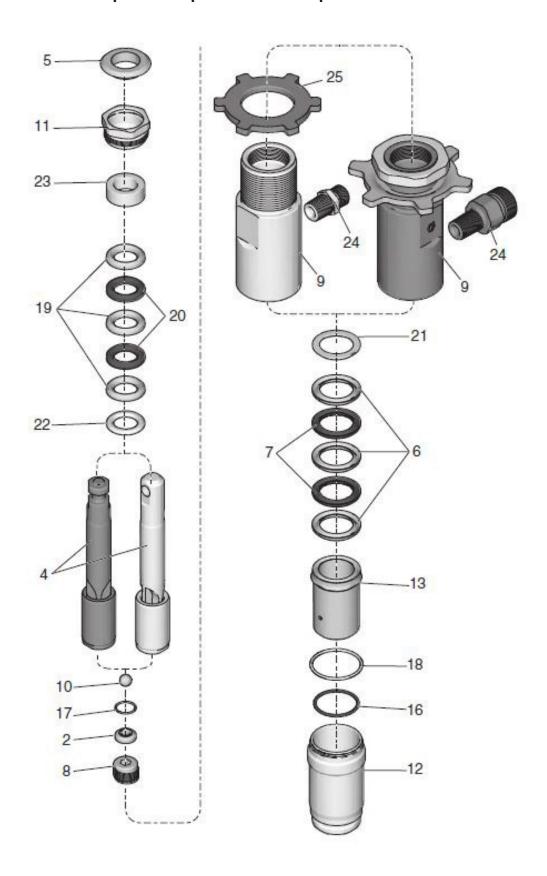
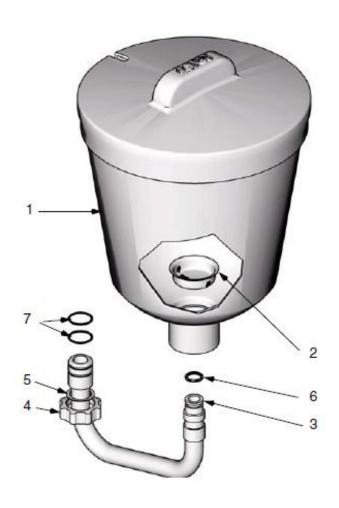


Figure 10: Accessory Hopper Kit



Item #	Part #	Description
Fig. 10		
_	20G288526	Accessory Hopper Kit
1	20G188787	1.5 Gallon Hopper
2	20G112133	Hopper Screen
3	20G287049	Hopper Inlet Tube
4	20G15E813	Jam Nut
5	20G15B652	Suction Washer
6	20G104938	O-Ring Cushion
7	20G117559	O-Ring
_	209V603	Operator's Manual – Graco® Accessory Hopper Kit

	Part	DIGITAL DISPLAY	
	Numbers	Description	
G tearstoonu	20G287098	Digital Display for Ultra® 395 PC	

		REPLACEMENT FILTERS		
	Part Numbers	Screen	Color	Package
1999	20G246425	30 Mesh	Grey	1 Pack
200	20G246384	60 Mesh	Black	1 Pack
000	20G246382	100 Mesh	Blue	1 Pack
	20G246383	200 Mesh	Red	1 Pack

Part Numbers	INLET STRAINER
Nullibers	Description
20G246385	Inlet Strainer for Ultra® 395 PC

	Part	REPLACEMENT PUMPS	
	Numbers	Description	
4	20G17C487	ProConnect™ Endurance™ Displacement Pump (See Fig. 8)	
3	20G17J552	ProConnect™ Express Displacement Pump (See Fig. 9)	

	Part	THROAT SEAL LIQUID	
	Numbers	Description	
154	20G206994	Throat Seal Liquid – 8 oz.	
	20G206995	Throat Seal Liquid – 1 qt.	
	20G206996	Throat Seal Liquid – 1 gal.	

	Part	PUMP ARMOR FLUID	
	Numbers	Description	
	20G243103	Pump Armor Fluid – 1 qt.	
	20G245133	Pump Armor Fluid – 1 gal.	

MAINTENANCE NOTES

DATE	TYPE OF SERVICE	PART NUMBER
		-

CONTACT CENTER

 3425 East Locust Street Davenport, IA 52803

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ph: 563.324.2519 fax: 563.324.6258

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