



ST™ PRO

electronic airless sprayers



*Portable, Powerful Sprayers
for the Professional
Painting Contractor*



The Quality Difference

Graco has been exceeding the industry standard in design, manufacturing and assembly for over 70 years.

- Progressively designed products establish technological superiority.
- Extensive lab and field tests ensure maximum sprayer life and performance.
- State-of-the-art manufacturing and testing guarantee a quality product.

Even though you cannot always see the Graco quality difference, it's in there!



Dura PRO™ DC Motor*

- Industrial-grade, totally-enclosed, fan-cooled
- Longest lasting and offers the best performance

SmartControl™ Processor*

- Automatically adjusts to tip size
- It learns — for unmatched pressure control!
- Self-diagnostic

Easy Out™ Filter

- Always easy to remove
- Captures debris inside
- Reduces tips clogs

Heavy-Duty Stand

Large, rugged chrome construction with 1 1/4 in. (31.7 mm) tubing

Heavy-Duty Inlet Hose

- 40% longer for increased mobility and ease of use
- No o-rings to wear out
- Non-stick & solvent-resistant

New Helical Drive

- Reliable and maintenance free

Non-Stick Prime Line

Most flexible available!

Endurance E™ Pump

- V-Max Blue™ Packings offer 30% longer packing life than previous ST models
- Half the repacking time — no special tools required!
- Longest pump life available in its class

* 295st does not have a Dura PRO DC Motor or a SmartControl Processor. All 395, 455 and 495st PRO Sprayers include these features.

TWICE THE PUMP LIFE OF COMPETITIVE SPRAYERS!

Endurance E Pump Delivers Reliability

- Hardened stainless steel and hard chrome construction minimize corrosion damage
- Sets the industry standard for long life and ease of use

Spacer Ring and Adjustable Packing Nut

- Auto-set for proper packing tension
- Tighten nut to extend packing life when wear occurs

V-Max Blue™ Packings

Combined with impregnated leather packings to provide longest life available

Hardened SST & Chrome Pump Rod

- Protect against abrasion and corrosion
- Less service and lower replacement costs

Max Flo™ Fluid Passages

Provides most efficient flow

Wiper Ring Packing

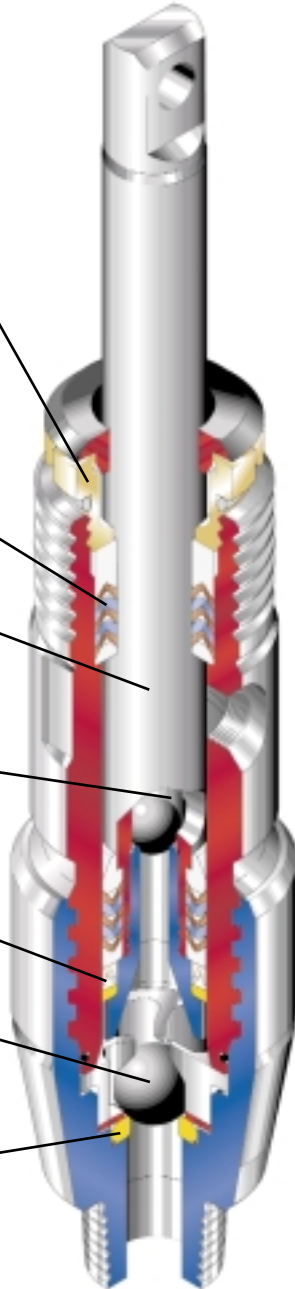
Wipes the inside of the pump clean extending life up to 50%

Proven Ball Check Design

- Ball rotates, keeping check valves debris-free
- Prevents losing prime
- Eliminates wear on single surface as in flat and spring-loaded designs

Reversible Inlet Seat

Reduces service and replacement costs



WE BUILD IT. WE BACK IT. PERIOD.

- Easy-to-use warranty. No complicated paperwork!
- See instruction manual for full warranty*.

2-Year Bumper-to-Bumper Warranty

- We repair or replace any defective bare sprayer component for the original owner.
- Fluid pump components (parts and labor) limited to one-time replacements. Consumable items (filters, tips, etc.) are not covered.
- Lifetime warranty on gear train and electric motor (excluding brushes).

30-Day "Just Add Paint" Replacement Guarantee

- Satisfied? If not, simply return sprayer within 30 days to your purchase place. Exchange it for an identical unit or trade-up to a larger unit at an additional cost.

Highest Resale Value

- Graco Sprayers typically receive a 20-30% higher resale value over competitors.

Downtime Eliminator™ Program

- Needed part (for warranty repair) not in your distributor's stock? Get FREE, next business day delivery, when distributor orders by 2 p.m. CST.
- Quik-Parts Plus Program offers 250+ parts 100% in stock.

Large Distributor Network

- 440+ certified service centers and 5400+ distributor locations for quick service with Graco parts, accessories and equipment in stock.

Assistance is just a phone call away

- Call 1-800-690-2894 for Customer Service.

* Outside the U.S. and Canada, not all conditions of the extended warranty may apply. Contact your local distributor for complete details.

The Performance Difference

SMARTCONTROL OFFERS UNMATCHED SPRAY PRESSURE CONSISTENCY FOR:

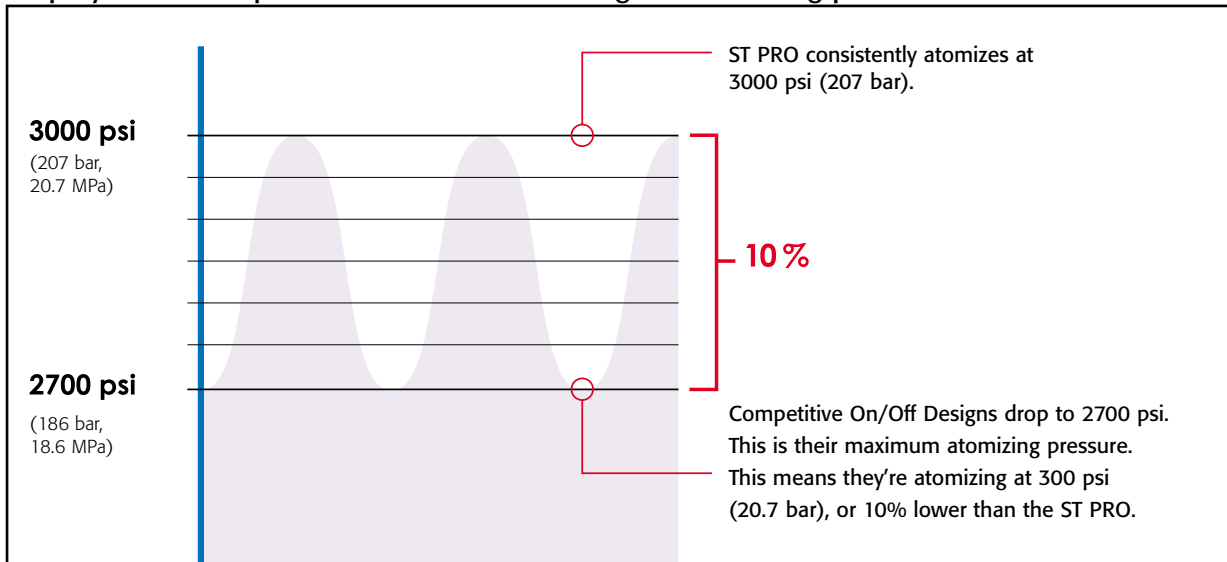
- Uniform coverage
- Consistent mil build
- Less material & time per job
- Superior finish



FROM LATEX TO STAIN, SPRAY DOWN TO 200 PSI (13.8 BAR) AND BELOW!

SMARTCONTROL PROVIDES 10% HIGHER ATOMIZING PRESSURE OVER COMPETITIVE DESIGNS!

A sprayer's lowest pressure fluctuation is its highest atomizing pressure.



In order for the competition to equal the atomizing pressure of the ST PRO, they would have to operate at 3300 psi (227 bar) and above!

Note: 295sr model features an electronic control, not a SmartControl.

Features

DESIGNED FOR THE WAY YOU WORK!

These new features make you more productive and your job easier!



Protective Shroud

Built-in Siphon Tube Clip

- Easily snaps into place
- Secure, convenient storage or transport

Suction Tube, Throat Seal Liquid (TSL) & Tip Holders

Convenient storage for quick, on-the-job access!

(One only on 295st model)



Large, Easy-Grip Handle for Easy Transport

- Ergonomic rubber handle
 - Offset for easy carrying
- (Straight handle on 295st model)



QuikPin™

- Simply pop out the QuikPin to remove the pump.



Long 10 ft. (3 m) Power Cord and Wrap

CONVENIENTLY LOCATED USER CONTROLS



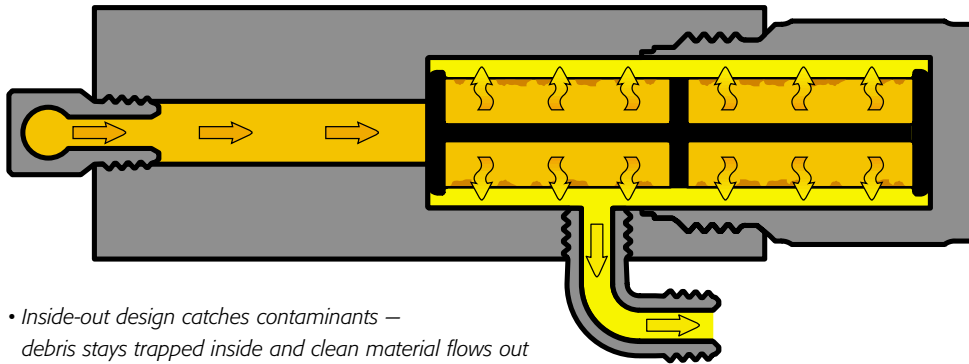
On/Off Switch

Prime Valve

Pressure Control Knob and Indicator

Easy Out™ Filter

EASY OUT MANIFOLD FILTER



- Inside-out design catches contaminants – debris stays trapped inside and clean material flows out
- Filters are always easy to remove – they don't get stuck!



- Simply remove and wash out the center

TOOL BOXES

Conveniently store tools and accessories for easy access.



ProTote™

Fits conveniently on the legs of any Stand Mount or 455ST PRO Hi-Boy.



Tool Tote

Fits on the 495ST PRO Hi-Boy.

Totes are sold separately and do not include tools or accessories.

COMPLETE WITH THE NEW RAC™ 5 SWITCHTIP™ AND HANDTITE™ GUARD!

RAC 5 SwitchTip

- OneSeal™ for All Fluids
OneSeal works with both solvents and latex. No more guesswork!
- Easy Assembly
- Wide range of sizes available
- Ergonomic Handle allows firm grip

HandTite Guard

- Seals hand tight – no tools required
- Lightweight



The Product.

Get power and reliability in a portable sprayer. Choose the sprayer that best suits your needs – from small interior projects to larger residential and light commercial applications.

295ST

Small jobs spraying light to medium latex and oil base paints.

233686 Complete Sprayer, Stand Mount



295ST STAND MOUNT

395ST PRO

Small to medium jobs such as new residential, cabinets and trim. Sprays stains, lacquers, oil-base and latex paints.

232920 Complete Sprayer, Stand Mount



395ST PRO STAND MOUNT

455ST PRO

Small to medium jobs such as new residential, fences and decks. Sprays stains, lacquers, oil-base and latex paints.

232931 Complete Sprayer, Lo-Boy

232932 Complete Sprayer, Fold-forward Hi-Boy



455ST PRO LO-BOY



455ST PRO HI-BOY
FOLD-FORWARD HANDLE

495ST PRO

Everyday use on medium to large jobs such as new residential and light commercial applications. Sprays stains, lacquers, oil-base and higher-solids latex paints.

232940 Complete Sprayer, Stand Mount

232941 Complete Sprayer, Lo-Boy

232942 Complete Sprayer,
Retractable Handle Hi-Boy



495ST PRO STAND MOUNT



495ST PRO LO-BOY



495ST PRO HI-BOY
RETRACTABLE HANDLE

ABOUT GRACO

Founded in 1926, Graco is a world leader in fluid handling systems and components. Graco products move, measure, control, dispense and apply a wide range of fluids and viscous materials used in vehicle lubrication, commercial and industrial settings.

The company's success is based on its unwavering commitment to technical excellence, world-class manufacturing and unparalleled customer service. Working closely with qualified distributors, Graco offers systems, products and technology which set the quality standard in a wide range of fluid handling solutions. Graco provides equipment for spray finishing, protective coating, paint circulation, lubrication, and dispensing sealants and adhesives, along with power application equipment for the contractor industry. Graco's ongoing investment in fluid management and control will continue to provide innovative solutions to a diverse global market.

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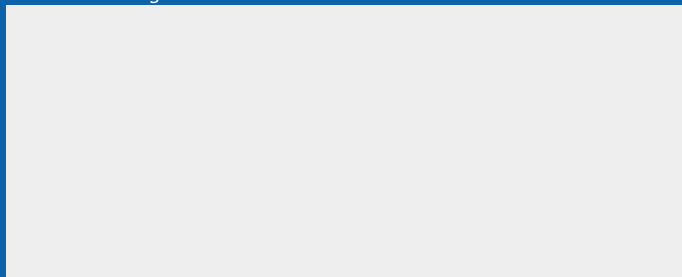
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Graco Inc. is registered to I.S. EN ISO 9001



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GRACO INC.
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ST PRO Accessories.

Airless Tips and Guards

RAC™ 5 SwitchTip™

286XXX (black)

- OneSeal™ – compatible with both latex and solvent-based materials
- Arrow-shaped, ergonomic handle
- Easy assembly without tools
- Wide range of tip sizes and fan widths
- Spray lacquers to mastics
- Working Pressure - 4050 psi (279 bar, 27.9 MPa) max.



Fine Finish RAC 5 Tip

FF5XXX (green)

- Spray lacquers, varnishes, stains and high finish enamels
- Dual orifice tip for finer finish at low pressures with less overspray
- Working Pressure - 4050 psi (279 bar, 27.9 MPa) max.
- Atomize at lower pressures for finer finish



Contractor Flat Tip

269XXX

- Wide range of tip sizes and fan widths
- Tip filters recommended with smaller sizes to avoid plugging
- Tips must be removed to clean or replace when plugging occurs
- Working Pressure - 5000 psi (345 bar, 34.5 MPa) max.



HandTite™ Tip Guards

243161 For 7/8 in. (22 mm) thread size. Fits Graco and Titan Guns.

243263 For 11/16 in. (17 mm) thread size. Fits Graco Pole Guns (older style), some Wagner, Airlessco and ASM Guns.



Flat Tip Guards

220251 For 7/8 in. (22 mm) thread size. Fits Graco and Titan Guns.

220255 For 11/16 in. (17 mm) thread size. Fits some Wagner, Airlessco and ASM Guns.



Gun Hose Kits

- All Gun Hose Kits include the following unless otherwise noted:
Airless gun, RAC 5 SwitchTip, HandTite Guard and 1/4 in. x 50 ft (6.3 mm x 15.2 m) 3,300 psi BLUEMAX airless hose and 3 ft (0.9 m) Whip Hose.

243318 Contractor Gun Hose Kit

243319 Contractor FTx Gun Hose Kit (whip hose not included)

243320 Contractor Gun Hose Kit

[includes 3/8 in. x 50 ft. (9.5 mm x 15.2 m) 3,300 psi BlueMax airless hose]

243283 Silver Plus Gun Hose Kit

243283 Flex Plus Gun Hose Kit



BLUEMAX™ Hose

- Increased working pressure: 3300 psi (227 bar, 22.7 MPa) max.

- Less pressure drop for higher performance at the gun

238358 3/16 in. x 3 ft (4.8 mm x 0.9 m) MxF Whip

238959 3/16 in. x 4.5 ft (4.8 mm x 1.4 m) FBE Whip

238359 3/16 in. x 6 ft (4.8 mm x 1.8 m) FBE Whip

240793 1/4 in. x 25 ft (6.3 mm x 7.6 m) FBE

240794 1/4 in. x 50 ft (6.3 mm x 15.2 m) FBE

240796 3/8 in. x 25 ft (9.5 mm x 7.6 m) FBE

240797 3/8 in. x 50 ft (9.5 mm x 15.2 m) FBE



FILTERS

Tip Filters

224453 5 Pack, 100 Mesh

224454 5 Pack, 60 Mesh

220254 Tip filter kit

Easy Out™ Filters

243080 60 Mesh (Black)

243081 100 Mesh (Blue)

243226 200 Mesh (Red)

Gun Filters

218131 50 Mesh (Blue)

218133 100 Mesh (Orange)

Sprayer Recommendation Guide

Choose the electronic airless sprayer that best fits your needs.

	295ST	395ST PRO	
Maximum Tip Size w/ latex @ 2000 psi (138 bar, 13.8 MPa)	0.019 tip	0.019 tip	
Maximum Delivery Rating	0.38 gpm (1.44 lpm)	0.38 gpm (1.44 lpm)	
Performance Increase			
Typical Applications	Small jobs; Latex and oils interior/exterior, re-paints	Small to medium jobs; new residential, cabinets and trim	

Cart	Stand Mount	Stand Mount	

Pressure Control	Electronic On/Off style • Approx. 280 psi deadband	SmartControl™ • Adjusts pressure automatically • Maintains consistent spray pattern at the tip, at all pressures • Spray down to 200 psi and below without pulsation	
Motor	7/8 HP, DC open frame	1/2 HP, Dura PRO DC, TEFC	
Hose Rack	None	None	
Handle	Straight	Offset Comfort Grip	
Complete Sprayers Include	<ul style="list-style-type: none"> • 1/4 in. x 50 ft. (6.3 mm x 15 m) BLUEMAX™ Hose • Contractor FTx™ Gun • 515 RAC 5 SwitchTip • HandTite Guard 		

Weight	39 lb (18 kg) – Stand Mount	39 lb (18 kg) – Stand Mount	
Dimensions – inches (cm)	14 W x 15 L x 21 H – Stand Mount (35.6 W x 38.1 L x 53.3 H)	14 W x 15 L x 21 H – Stand Mount (35.6 W x 38.1 L x 53.3 H)	
Pump Repair Kit	243192	243192	
Instruction Manuals	309052 through 309057	309052 through 309057	
Typical Materials Sprayed	Stains, lacquers, oil base and latex paints		

All sprayers can be used with 300 ft. (91.4 m) max. of No. 12 AWG, 3 wire extension cords, 6 ft. (1.8 m) and are rated at 3000 psi (207 bar, 20.7 MPa) maximum working pressure.

	455ST PRO	495ST PRO
	0.021 tip	0.023 tip
	0.46 gpm (1.74 lpm)	0.54 gpm (2.08 lpm)
	21% more output than the 395ST PRO	17% more output than the 455ST PRO
	Small to medium jobs; new residential, fences and decks	Medium to large jobs; new residential and light commercial

	Lo-Boy	Hi-Boy Fold-Forward	Stand Mount	Lo-Boy	Hi-Boy Retractable handle
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	SmartControl™ <ul style="list-style-type: none"> • Adjusts pressure automatically • Maintains consistent spray pattern at the tip, at all pressures • Spray down to 200 psi and below without pulsation 	
	5/8 HP, Dura PRO DC, TEFC	3/4 HP, Dura PRO DC, TEFC
	Single, 100 ft x 1/4 in. capacity	Stand Mount: None Lo-Boy: Single, 100 ft x 1/4 in. capacity Hi-Boy: Double, 150 ft x 1/4 in. capacity
	Lo-Boy: Retractable Hi-Boy: Fold Forward	Stand Mount: Offset Comfort Grip Lo-Boy: Retractable Hi-Boy: Fold Forward
	<ul style="list-style-type: none"> • 1/4 in. x 50 ft. (6.3 mm x 15 m) BLUEMAX™ Hose • Contractor FTX™ Gun • 515 RAC 5 SwitchTip • HandTite Guard 	

	59 lb (27 kg) – Lo-Boy 59 lb (27 kg) – Hi-Boy, Fold-Forward	43 lb (20 kg) – Stand Mount 61 lb (28 kg) – Lo-Boy 66 lb (30 kg) – Hi-Boy, Retractable Handle
	20 W x 26 L x 22 H – Lo-Boy (50.8 W x 66 L x 55.9 H) 21 W x 20 L x 39 H – Hi-Boy, Fold-Forward (53.3 W x 50.8 L x 99.1 H)	14 W x 15 L x 21 H – Stand Mount (35.6 W x 38.1 L x 53.3 H) 20 W x 26 L x 22 H – Lo-Boy (50.8 W x 66 L x 55.9 H) 20 W x 26 L x 22 H – Hi-Boy, Retractable Handle (50.8 W x 66 L x 55.9 H)
	243192	243192
	309052 through 309057	309052 through 309057
	Stains, lacquers, oil base and latex paints	Stains, lacquers, oil base and higher solids latex paints

Airless Guns

Contractor FTx™ Gun

243285 Includes 515 RAC 5 SwitchTip and HandTite Tip Guard

- Working Pressure: 3600 psi (248 bar, 24.8 MPa) max.

239045 Includes Flat Tip Guard



Contractor FTx Gun



Contractor Gun

Contractor Gun

243282 Includes 517 RAC 5 SwitchTip and HandTite Tip Guard

- Working Pressure: 3600 psi (248 bar, 24.8 MPa) max.

217593 Includes Flat Tip Guard

Silver Plus™ Gun

243283 2-Finger Trigger with 517 RAC 5 SwitchTip and HandTite Tip Guard

235460 2-Finger Trigger with Flat Tip Guard

235461 4-Finger Trigger with Flat Tip Guard

235462 Fine Finish with 2-Finger Trigger and Flat Tip Guard

- Working Pressure: 5000 psi (345 bar, 34.5 MPa) max.



Silver Plus Gun

SG3™ Gun

243012 4-Finger Trigger with RAC IV 517 SwitchTip and Dripless Tip Guard

- Includes 50 mesh In-Handle Filter and Swivel Hose Connection

- Working Pressure: 3600 psi (248 bar, 24.8 MPa) max.



SG3 Gun

Extensions

Tip Extensions

243295 10 in. (25 cm)

243296 15 in. (38 cm)

243297 20 in. (50 cm)

243298 30 in. (75 cm)

- Includes HandTite Tip Guard standard with 7/8 in. (22 mm) gun nut. Fits Graco and Titan Guns.
- For Wagner or other guns, order 11/16 in. (17 mm) gun nut adapter, part no. 181085.
- For easier spraying in hard to reach areas such as soffits and ceilings.



Heavy-Duty Extensions

232121 10 in. (25 cm)

232122 20 in. (50 cm)

232123 40 in. (100 cm)

232124 60 in. (150 cm)

232125 80 in. (200 cm)

- Standard with 7/8 in. (22 mm) gun nut. Fits Graco or Titan Guns.
- For Wagner or other guns, order 11/16 in. (17 mm) gun nut adapter, part no. 181085.
- Can be used alone or connected in series for longer reach – ideal for high pressure spraying or low pressure roller applications.



Pole Guns

244057 3-ft (0.9 m) Pole Gun

244058 6-ft (1.8 m) Pole Gun

- Includes 517 RAC 5 SwitchTip and HandTite Guard
- Maximum Working Pressure: 3600 psi (248 bar, 24.8 MPa)

244160 CleanShot™ Shut-Off Valve

- Shuts fluid flow off at the tip for a clean, crisp pattern
- 180° tip swivel for spraying versatility
- Working Pressure: 500 to 3600 psi (34.5 to 248 bar, 3.5 to 24.8 MPa)

244161 Contractor In-Line Valve

- Lightweight, comfortable design
- Can be used with other extended reach tools
- Uses Contractor Gun Filters: 218131 (#50 mesh) and 218133 (#100 mesh)
- Maximum Working Pressure: 3600 psi (248 bar, 24.8 MPa)



Tool Boxes

Tool Tote

240148 Fits on 495ST PRO Hi-boy only.

ProTote™

243332 Attaches conveniently to any ST PRO stand mount or the 455ST PRO Hi-Boy



Tool Tote



ProTote



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