



190ESTM

Electric Airless Sprayer



Portable Sprayers for the
Professional Painting Contractor

Get Graco.
Experience
The
Difference.TM



The Quality Difference.

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

The Warranty Difference.

- 1-Year Limited Warranty

The Performance Difference.

- Hardened chrome and stainless steel pump construction minimizes corrosion damage
- Proven pump design outlasts competitive pumps by 65%

The Product.

Ideal for small to medium maintenance and residential projects. Sprays stains, enamels, lacquers and oil base paints.

232900 Complete Sprayer, Stand Mount

Complete sprayer includes: 1/4 in. x 50 ft (6.3 mm x 15 m) Airless Paint Hose, SG3™ Gun, Reverse-A-Clean® (RAC) IV 515 SwitchTip™ and DripLess™ Tip Guard.

Working Pressure: 3000 psi (207 bar, 20.7 MPa) max.

Tip Size: 0.019 tip max.
with latex @ 2000 psi (138 bar, 13.8 MPa)

Delivery Rating: .38 gpm (1.44 lpm) max.

Motor Size: 7/8 HP, Dura DC™ Motor

Hose Length: 300 ft (91.4 m) max.

Weight: 34.5 lb (15.7 kg)

Dimensions: 13.5 in. W x 14.5 in. L x 17.75 in. H (343 mm W x 368 mm L x 451 mm H)

Pump Repair Kit: 243091

Instruction Manuals:

309059, 309060, 309045, 309063, 309064

The Features.

Hardened Helical Drive System

Significantly less noise for quiet operation!

Professional-Grade Dura DC™ Motor

Designed for the longest life in its class



Conveniently Located User Controls

All on one side for easy operation!

Microprocessor Pressure Control

- Microprocessor-based control maintains consistent pressure
- Modular for easy service and lower replacement costs
- Freeze damage resistant

Large Rubber Handle for Easy Transport

Built-in Siphon Tube Clip

Easily snaps into place for secure, convenient storage or transport

10 ft (3 m) Power Cord and Wrap

Suction Tube & Tips Holders

Offers convenient storage for quick, on-the-job access!





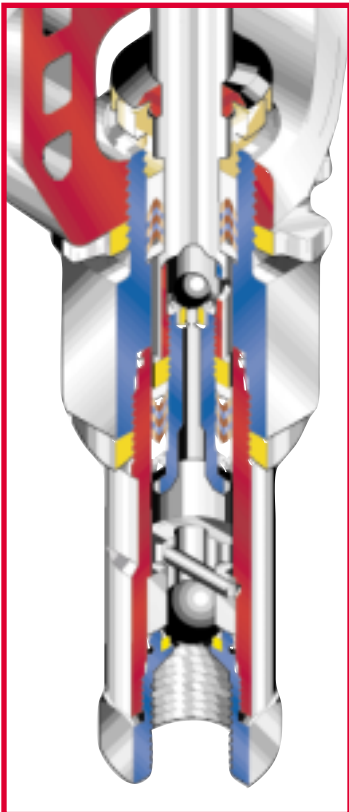
Non-Stick SwivelHose™ with Metal Suction Tube

Easily accommodates 1 to 5 gallon (3.8 to 19 L) pails

- Most flexible, solvent-resistant hose available!
- Quick and easy clean-up

Lightweight Design
For easy transport and compact storage

Industry-Proven, Hardened Chrome and Stainless Steel Piston Pump
outlasts competitive pumps by 65%!



Long Lasting Packings
Ultra high, molecular weight, polyethylene design

Large Fluid Passages
Maximize fluid flow while minimizing wear and pressure loss

Wiper Ring Packing
Wipes the inside of the pump clean, extending life up to 50%

Rotating Ball Checks
Maximize component life by eliminating wear on a single surface

The Accessories.

RAC™ 5 SwitchTip™

286XXX (black)

- OneSeal™ for all fluids
- Spray lacquers to mastics
- Working Pressure - 4050 psi (279 bar, 27.9 MPa) max.

Fine Finish RAC 5 SwitchTip

FF5XXX

- Spray lacquers, varnishes, stains and high finish enamels
- Working Pressure - 4050 psi (279 bar, 27.9 MPa) max.

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 1 1/16 in. (17 mm) gun nut adapter, part no. 181085

SG3™ Gun

243012 4-Finger Trigger with RAC IV 515 SwitchTip and DripLess™ Tip Guard

- Includes 50 mesh In-handle Filter and Smooth Glide™ Swivel
- Working Pressure - 3600 psi (248 bar, 24.8 MPa) max.

BlueMax™ Hose

- Working Pressure: 3300 psi (227, 22.7 MPa bar) max.

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

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

Extension Adapters

243055 Gun Adapter

Adapts non-Graco guns to accept standard Graco accessories. [Fits 1 1/16 in. (17 mm) guns to provide a 7/8 in. (22 mm) thread.]

Pressure Roller Attachments

Connect to airless sprayers. Patented roller head distributes paint evenly for a consistent finish.

243060 20 in. (50 cm) Pressure Roller Kit includes: 45° gun adapter, 9 in. roller frame & 1/2 in. (23 mm) roller cover

9 in. (23 cm) Pressure Roller Covers

107589 3/8 in. (9.5 mm)

107590 1/2 in. (13 mm)

107591 3/4 in. (19 mm)

107592 1 1/4 in. (32 mm)

Additional Accessories

243100 8 Fluid oz. (0.24 L) Throat Seal Liquid (TSL)

Prevents paint from drying on pump rod and packings.

Easy Out™ Manifold Filter Kit

Inside-out design catches contaminants, trapping debris inside while clean material flows out.

243102 Conversion Kit

Includes 60 mesh Manifold Filter (243080)

Optional Filters

243080 60 Mesh

243081 100 Mesh

243226 200 Mesh

ABOUT GRACO

First choice when quality counts

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 specialized distributors, Graco offers systems, products and technology which set the quality standards in a wide range of fluid handling applications including spray finishing and paint circulation, lubrication, 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.

GRACO HEADQUARTERS

AMERICAS

Minnesota
Worldwide Headquarters
Graco Inc.
4050 Olson Memorial Hwy
Minneapolis, MN 55422

Mailing Address:
P.O. Box 1441
Minneapolis, MN
55440-1441
Tel 612 623-6000
Fax 612 623-6777

EUROPE

Belgium
European Headquarters
Graco N.V.
Industrieterrein -
Oude Bunders
Slakweidestraat 31
3630 Maasmechelen
Belgium
Tel 32 89 770 700
Fax 32 89 770 777

ASIA PACIFIC

Japan
Graco K.K.
1-27-12 Hayabuchi
Tsuzuki-ku
Yokohama City
Japan 224-0025
Tel 81 45 593 7300
Fax 81 45 593 7301

China
Graco Hong Kong Ltd.
Representative Office
Room 1809,
No. 509 Cao Bao Road
New Cao He Jing Tower
Shanghai,
P.R.China 200233
Tel 86 21 649 50088
Fax 86 21 649 50077

Korea
Graco Korea Inc.
Dongheung Building
2nd Floor
78-1 Samsung-Dong
Kangnam-Ku,
Seoul 135-090
Korea
Tel 82 2 3446 1811
Fax 82 2 3446 1810

AIRLESS SPRAYER SELECTION GUIDE

GMAX™ Gas-Powered Airless Sprayers

Duty
4

USAGE

- Daily
- Over 2000 gallons (7570 L) per year

PROJECTS

- Large Residential
- Large Commercial
- Large Industrial

MATERIALS

- Stains
- Enamels
- Latex
- Blockfillers
- Elastomerics
- Mastics
- Specialty Coatings



Ultra® Max Electronic Airless Sprayers

USAGE

- Daily
- Over 1500 gallons (5670 L) per year

PROJECTS

- Large Residential
- Large Commercial
- Industrial

MATERIALS

- Stains
- Enamels
- Latex
- Lacquers
- Mastics
- Oil-based paints
- 100% Acrylics
- Blockfillers
- Elastomerics



ST™ PRO Electronic Airless Sprayers

Duty
3

USAGE

- 2-5 times per week
- Over 1000 gallons (3785 L) per year

PROJECTS

- Small to Large Residential
- Light Commercial

MATERIALS

- Stains
- Enamels
- Latex
- Lacquers
- Oil-based Paints
- 100% Acrylics



ES™ Electric Airless Sprayers

Duty
2

USAGE

- Weekly
- 500-1000 gallons (1893 - 3785 L) per year

PROJECTS

- Small to Medium Residential
- Rental Properties

MATERIALS

- Stains
- Enamels
- Latex
- Lacquers
- Oil-based Paints



Graco also offers other complete product lines including: HVLP, Line Strippers, Texture Sprayers, Air-Operated, Finishing, Pressure Washers and their accessories.

All written and visual data contained in this document are based on the latest product information available at the time of publication. Graco reserves the right to make changes at any time without notice.

Sales/Distribution

Toll Free, North America
800-690-2894
FAX 1-800-334-6955
www.graco.com

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



GRACO INC.
P.O. Box 1441
Minneapolis, MN 55440-1441