



TRITON™ 308

fine finish spray packages
for wood and metal applications





TRITON is an air-operated diaphragm spray package that applies a high quality, decorative finish to wood and metal parts. TRITON is a more effective alternative to traditional pressure pots and standard diaphragm pumps.

Features

HIGH QUALITY FINISH

- Low pulsation output and smooth pump changeover deliver a consistent spray pattern.

EASY-TO-USE

- Quick color changes and fast material refills save time and money.

RUGGED CONSTRUCTION

- Stainless steel or aluminum pump handles a wide variety of fluids.

Key Applications

TRITON is designed for all types of metal and wood applications:

Applying primers, basecoats and topcoats for:

- General Metal Fabrication
- Farm and Construction
- Truck and Bus
- Automotive Components and Touch-up

Spraying stains, sealers, lacquers and topcoats for:

- Wood Furniture and Cabinetry
- Wood, Windows
- Customized Wood

Available Technologies:

- Air Spray
- HVLP
- Electrostatic Air Spray



phragm spray package specifically designed for the

Best Spray Finishing Package in its Class!

High Performance Delta Spray® Gun

Provides superior finish quality for air spray and HVLP applications.

or

PRO Xs™ Spray Gun

To serve electrostatic applications with superior transfer efficiency.

High-Flow Air Regulators

Supplies up to 35% extra air flow to gun for superior atomization.

Durable Metal TRITON Pump

Provides low maintenance and long life.

Easy-to-use Circulation Valve

Saves material and time during flushing, priming and color changes.

Low Pulsation TRITON Pump

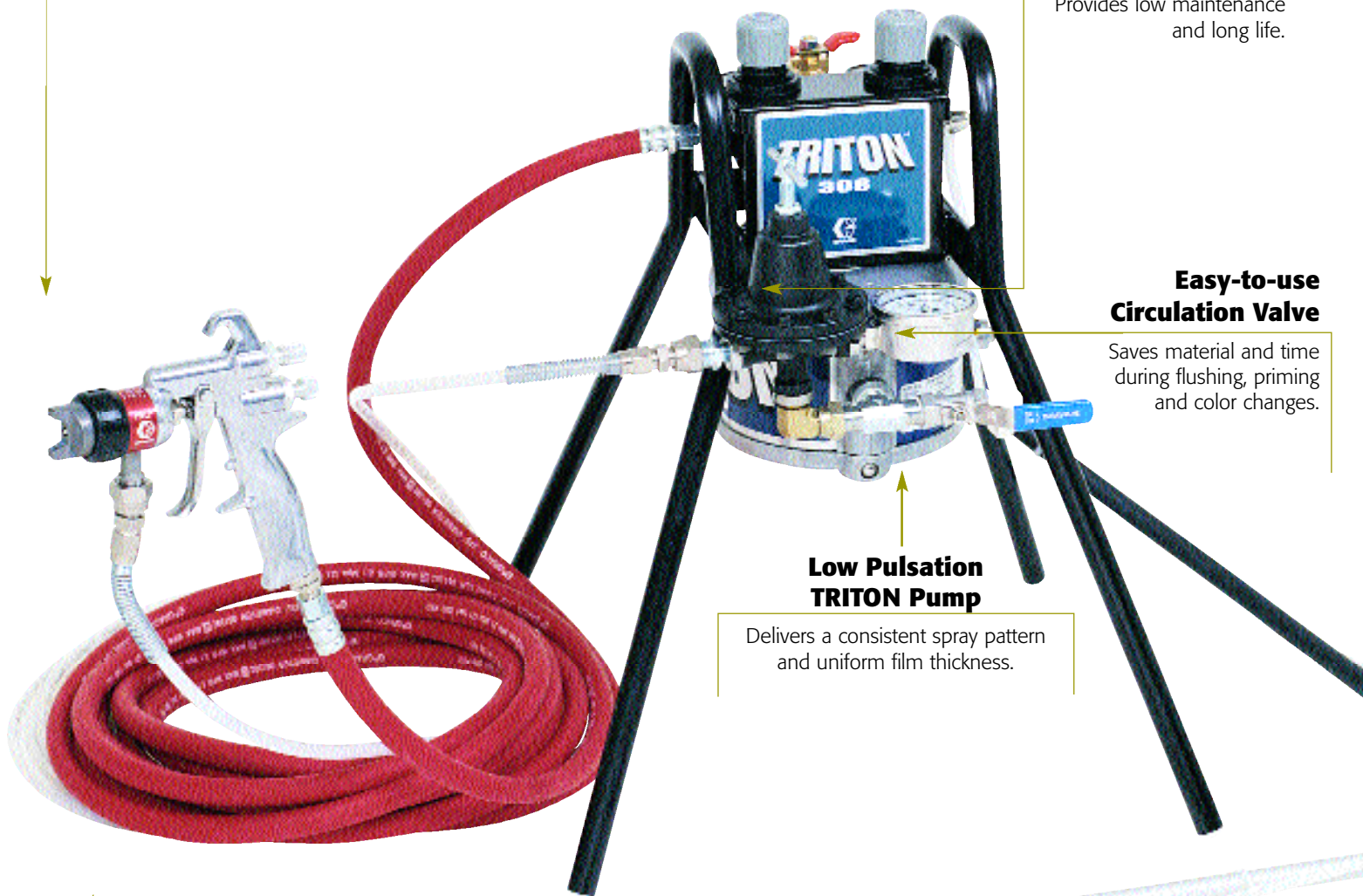
Delivers a consistent spray pattern and uniform film thickness.

Flexible, Lightweight Air Hose

Reduces operator fatigue.

Heavy-Duty Suction Performance

Model No. 233491 shown



Upgrade Your Standard Diaphragm Pumps to TRITON

High-Performance Finishing

LONGER PUMP LIFE

- Rugged stainless steel or aluminum construction requires less maintenance than a plastic pump.
- Twice the output per stroke.
- High output per stroke means less pump wear.

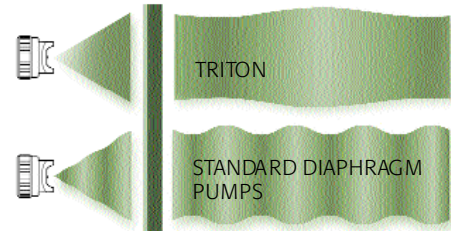
EXTRA PUMPING POWER

- 30% more suction power than a standard diaphragm pump to handle higher viscosity materials.

LOW PULSATION OUTPUT!

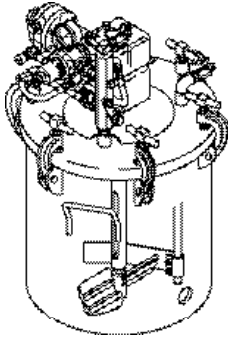
SUPERIOR FINISH QUALITY

- Consistent pattern and film on parts.
- Constant flow to the spray gun.



TRITON pump provides 50% less pressure pulsation than standard diaphragm pumps.

Note: Pump-to-pump comparison without fluid regulator.



Upgrade Your Pressure Pots and Cup Guns to TRITON

Finishing Made Simple

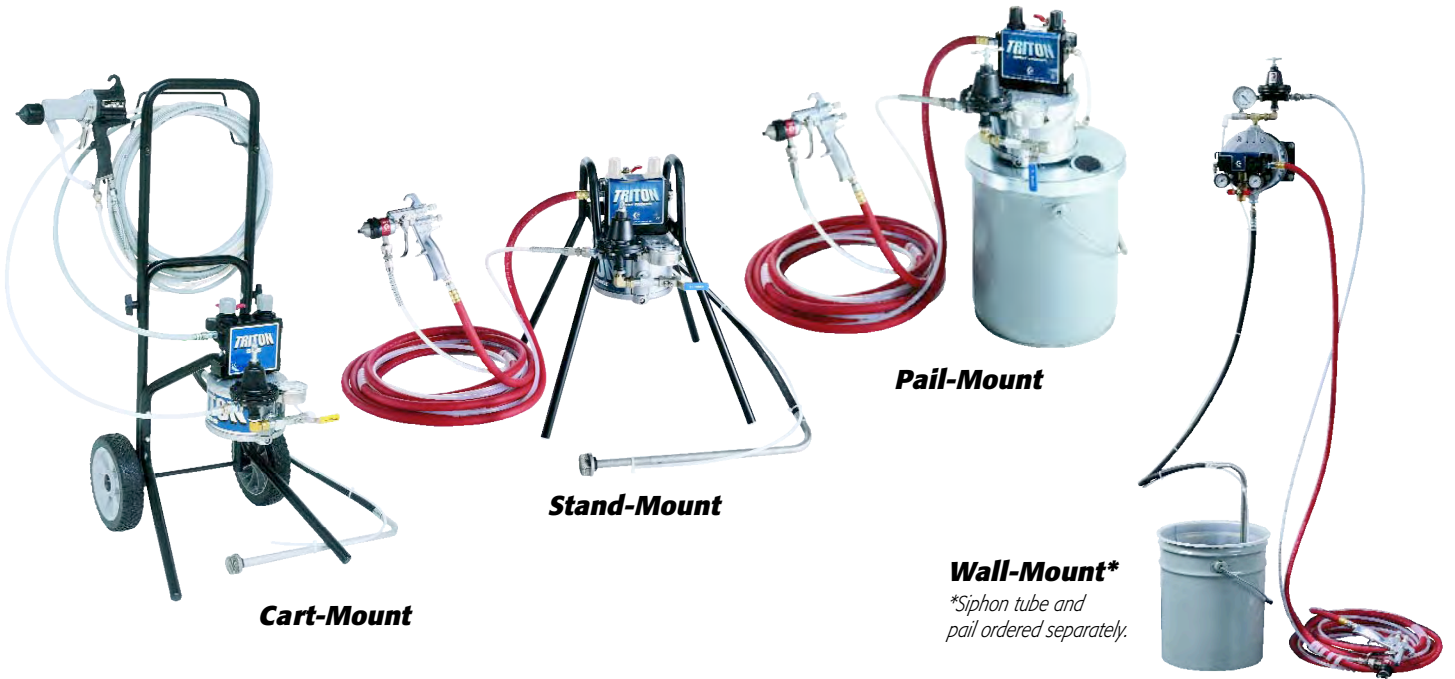
- Refill and monitor material level while spraying for easier operation.
- Complete color changes in less than three minutes for reduced downtime.
- Circulation Valve lowers solvent usage during clean-up and color changes.
- Circulate materials, if needed.

PRO Xs2 Spray Gun Package

Model No. 233743 with PRO Xs2 Gun shown



Air Spray, HVLP and Electrostatic Sprayers and Supply Packages



Return-on-Investment

Use this exclusive Return-on-Investment analysis tool to see exactly how much your pressure pots currently cost you, and how quickly a Graco TRITON pays for itself.

Color Change Labor Savings

Labor rate per hour
(Typical €30/hour)

X

Time to color change
pressure pot per day
(Typical = .25 hours or
15 minutes for 1 color
change per day)

X

Production days
per year

X

Typical* labor savings
or enter a percent

=

Annual labor savings

+

Material Refilling Labor Savings

Labor rate per hour
(Typical €30/hour)

X

Time to refill
pressure pot per day
(Typical = .083 hours or
5 minutes for 2 refills
per day)

X

Production days
per year

X

Typical* labor savings
or enter a percent

=

Annual labor savings

+

Solvent Usage During Color Changes & Clean-Up

Flushing solvent
price per gallon
(Typical €1.25/liter)

X

Gallons used per day
(Typical = 2 liter,
1 color change or
clean-up per day)

X

Production days
per year

X

Typical* savings
or enter a percent

=

Annual solvent savings

+

Total Annual Savings

* Actual performance may vary, depending on materials and process. Consult your distributor.

TRITON™ 308 Product Information

TRITON Spray Finishing Package Selection Guide

1. Select configuration
2. Select aluminum or stainless steel package
3. Select applicator

2

Aluminum
Stainless Steel
Part No.

Bare Package**
Fluid Regulator**
Suction Hose
Air Hose (25 ft, 7.6 m)
Fluid Hose (25 ft, 7.6 m)
Applicator

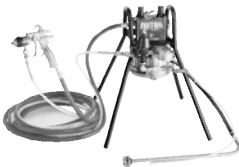
3

1 5-Gallon, Pail-Mount Units



•	233466	•	•	•	None
•	233467	•	•	•	None
•	233468			•	Delta® Air Spray Gun .055 in (1.5 mm) nozzle
•	233469			•	Delta Air Spray Gun .055 in (1.5 mm) nozzle
•	233470		30	•	Delta HVLP Gun .055 in (1.5 mm) nozzle
•	233471		100	•	Delta HVLP Gun .055 in (1.5 mm) nozzle
•	233741		30	•	PRO™ Xs2 Electrostatic Gun .055 in (1.5 mm) nozzle
•	233742		30	•	PRO Xs3 Standard Electrostatic Gun .055 in (1.5 mm) nozzle

4-Legged, Stand-Mount Units



•	233473	•	•	•	None
•	233474	•	•	•	None
•	233475			•	Delta Air Spray Gun .055 in (1.5 mm) nozzle
•	233476			•	Delta Air Spray Gun .055 in (1.5 mm) nozzle
•	233477		30	•	Delta HVLP Gun .055 in (1.5 mm) nozzle
•	233478		100	•	Delta HVLP Gun .055 in (1.5 mm) nozzle
•	233743		30	•	PRO Xs2 Electrostatic Gun .055 in (1.5 mm) nozzle
•	233744		30	•	PRO Xs3 Standard Electrostatic Gun .055 in (1.5 mm) nozzle

2-Wheel, Cart-Mount Units



•	233480	•	•	•	None
•	233481	•	•	•	None
•	233482			•	Delta Air Spray Gun .055 in (1.5 mm) nozzle
•	233483			•	Delta Air Spray Gun .055 in (1.5 mm) nozzle
•	233484		30	•	Delta HVLP Gun .055 in (1.5 mm) nozzle
•	233485		100	•	Delta HVLP Gun .055 in (1.5 mm) nozzle
•	233746		30	•	PRO Xs2 Electrostatic Gun .055 in (1.5 mm) nozzle
•	233747		30	•	PRO Xs3 Standard Electrostatic Gun .055 in (1.5 mm) nozzle

Wall-Mount Units

Wall-mount units do not include suction hose. Must order as accessory.



•	233487	•	•	•	None
•	233488	•	•	•	None
•	233489			•	Delta Air Spray Gun .055 in (1.5 mm) nozzle
•	233490			•	Delta Air Spray Gun .055 in (1.5 mm) nozzle
•	233491		30	•	Delta HVLP Gun .055 in (1.5 mm) nozzle
•	233492		100	•	Delta HVLP Gun .055 in (1.5 mm) nozzle
•	233748		30	•	PRO Xs2 Electrostatic Gun .055 in (1.5 mm) nozzle
•	233749		30	•	PRO Xs3 Standard Electrostatic Gun .055 in (1.5 mm) nozzle

*Bare packages do not include hose and gun.

**Only HVLP, PRO Xs2 and Xs3 packages include fluid regulator:

– Aluminum packages use 30 psi (0.2 MPa, 2 bar) acetal fluid regulator.

– Stainless steel packages use 100 psi (0.7 MPa, 7 bar) stainless steel fluid regulator.

TRITON 308 Components and Accessories

Bare TRITON Pumps

- 233500 TRITON Pump, Aluminum
- 233501 TRITON Pump, Stainless Steel

Spray Guns

Packages with Delta Spray, PRO Xs2 and Xs3 guns come standard with 0.055 in (1.5 mm) nozzle. Order guns with different size nozzles when the application requires.

- 239559 Delta HVLP Gun, 0.030 in (0.762 mm) nozzle
- 239560 Delta HVLP Gun, 0.042 in (1.067 mm) nozzle
- 239561 Delta HVLP Gun, 0.055 in (1.5 mm) nozzle
- 239562 Delta HVLP Gun, 0.070 in (1.778 mm) nozzle
- 239563 Delta HVLP Gun, 0.086 in (2.184 mm) nozzle
- 239564 Delta HVLP Gun, 0.110 in (2.790 mm) nozzle

- 239540 Delta Air Spray Gun, 0.030 in (0.762 mm) nozzle
- 239541 Delta Air Spray Gun, 0.042 in (1.067 mm) nozzle
- 239542 Delta Air Spray Gun, 0.055 in (1.5 mm) nozzle
- 239543 Delta Air Spray Gun, 0.070 in (1.778 mm) nozzle
- 239544 Delta Air Spray Gun, 0.086 in (2.184 mm) nozzle
- 239545 Delta Air Spray Gun, 0.110 in (2.790 mm) nozzle

- 243640 Delta Air Spray Specking Gun, 0.042 in (1.067 mm) nozzle
Creates a worn, antique look to the beauty of a finished piece

- 244399 PRO Xs2 Gun, 0.055 in (1.5 mm) nozzle
- 244400 PRO Xs3 Standard Gun, 0.055 in (1.5 mm) nozzle



Delta Spray
HVLP Gun



PRO Xs2 Gun



PRO Xs3 Gun

Accessory Air Caps

- 196106 Air Cap, Brass, Delta Air Spray
Recommended for guns used in a rigorous environment
- 196107 Air Cap, Shading/SAP, Delta HVLP
Used on HVLP guns to add depth and dimension, enhancing wood finishes

Whip Hoses

Add flexibility at the spray gun (order one of each)

- 239631 Air Whip Hose, 4 ft (1.2 m), 5/16 in (7.9 mm) ID, fits Delta guns
- 239622 Fluid Whip Hose, 4 ft (1.2 m), 3/16 in (4.8 mm) ID, fits Delta guns

Bundled Hoses

For hose extensions or replacement (includes air and fluid hoses, bundled together)

- 233498 Air/Fluid Hose, 25 ft (7.6 m) Nickel Plated Steel Couplings, fits Delta guns
- 233499 Air/Fluid Hose, 25 ft (7.6 m) Stainless Steel Couplings, fits Delta guns
- 240425 Air/Fluid Hose, 25 ft (7.6 m), fits PRO Xs2 and Xs3 guns

Air and Fluid Hoses

For hose extensions or replacement (separate air and fluid hoses)

- 244448 Air Hose, 25 ft (7.6 m), fits Delta guns
- 223070 Air Hose, 25 ft (7.6 m) Grounded, fits PRO Xs2 and Xs3 guns
- 244447 Fluid Hose, 25 ft (7.6 m) Nickel Plated Steel Couplings, fits Delta guns
- 235339 Fluid Hose, 25 ft (7.6 m) Stainless Steel Couplings, fits Delta guns
- 215637 Fluid Hose, 25 ft (7.6 m), fits PRO Xs2 and Xs3 guns



25 ft. (7.6 m)
Air Hose

TRITON 308 Components and Accessories

Suction Hoses

Order a suction hose (5 gal/18.9 l or 55 gal/200 l) for wall-mount applications

- 245082 Aluminum, 4 ft (1.2 m), for 5 gal (18.9 l) pail
- 245083 Stainless Steel, 4 ft (1.2 m), for 5 gal (18.9 l) pail
- 245084 Aluminum, 6 ft (1.8 m), with acetal bung adapter for 55 gal (200 l) drum
- 245085 Stainless Steel, 6 ft (1.8 m), with acetal bung adapter for 55 gal (200 l) drum



4 ft. (1.2 m)
Suction Hose

Fluid Regulators

Use in HVLP applications and where required fluid pressure to spray gun is less than 20 psi (1.4 bar, .14 MPa)

- 241976 Fluid Regulator, Acetal, 0-30 psi (0-2 bar, 0-0.2 MPa)
- 236450 Fluid Regulator, Acetal, 0-100 psi (0-7 bar, 0-0.7 MPa)
- 214706 Fluid Regulator, Stainless Steel, 0-100 psi (0-7 bar, 0-0.7 MPa)



Acetal Fluid
Regulator

Gun Inlet Fluid Filters

Attaches between hose and gun inlet to prevent particles from contaminating sprayed surface

- 915921 Gun Inlet Filter, Stainless Steel, 100 mesh (150 micron), 3/8 npsm (m x f), 500 psi (35 bar, 3.5 MPa)
- 238564 Replacement Screen Elements, 25 Count, 60 mesh (250 micron), Stainless Steel
- 238562 Replacement Screen Elements, 25 Count, 100 mesh (150 micron), Stainless Steel

Pump Outlet Fluid Filters

Filters attach to the outlet of the TRITON pump

- 114361 Fluid Filter, Nylon, 80 mesh, 3/8 npt(fbe), 150 psi (10 bar, 1 MPa)
- 235677 Fluid Filter, Aluminum, 60 mesh (250 micron), 1/4 npsm(f) inlet x 1/4 npsm(m) outlet, 3000 psi (207 bar, 21 MPa)
- 223160 Fluid Filter, Stainless Steel, 60 mesh (250 micron), 3/8 npt(f) inlet x 1/4 npt(m) outlet, 5000 psi (350 bar, 35 MPa)

Agitator Kit

Order to add an agitator to a 5 gal (18.9 l) pail package

- 245081 Includes 224571 Stainless Steel Agitator, Air Line, Air Line Fittings and Mounting Hardware

Mounting Accessories

Replacement mounting components for TRITON packages

- 197298 5 gal (18.9 l) Pail Cover, Carbon Steel
- 197216 5 gal (18.9 l) Pail Cover, Stainless Steel
- 197426 Bracket, Wall-Mount
- 233581 2-Wheel Cart
- 218743 4-Legged Stand

Pump Repair Kits

For TRITON 308 aluminum and stainless steel pumps

- 245065 Teflon® Diaphragm Repair Kit
- 245066 Air Valve Repair Kit
- 245067 Acetal Ball and Stainless Steel Seat Kit
- 245068 Diaphragm Shaft Kit
- 245123 Miscellaneous Parts Kit
Includes Pump Side Covers, Air Valve Cover, Sound Dampeners and Air Valve Carriage

TRITON 308 Technical Specifications

Maximum fluid working pressure	100 psi (0.7 MPa, 7 bar)
Maximum air input pressure	100 psi (0.7 MPa, 7 bar)
Maximum fluid flow (pump at 212 cpm)	8.5 gpm (32 lpm)
Pump displacement	5 oz/cycle (160 cc/cycle)
Air inlet fitting	1/4 npt(f)
Acetal fluid regulator outlet fitting	3/8 npt(m)
Stainless steel fluid regulator outlet fitting	3/8 npsm(m)
Pump inlet	3/4 npt(f)
Pump outlet	3/8 npt(f)
Fluid outlet fitting	3/8 npt(m)

Average Air Consumption

Air Spray	HVLP	Electrostatic
Gun: 15.0 scfm	Gun: 22.0 scfm	Gun: 20.0 scfm
Pump: <u>1.5 scfm</u>	Pump: <u>1.5 scfm</u>	Pump: <u>1.5 scfm</u>
Total: 16.5 scfm	Total: 23.5 scfm	Total: 21.5 scfm

Sound data*

Sound pressure level at 40 psi (0.28 MPa, 2.8 bar)	69 dBA
Sound power level at 40 psi (0.28 MPa, 2.8 bar)	81 dBA

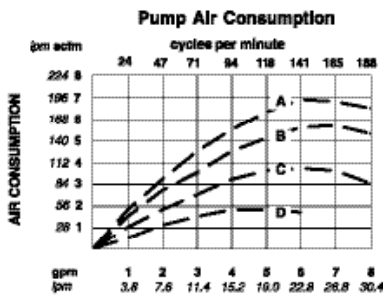
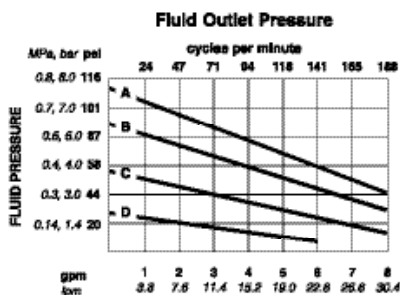
**Sound pressure measured one meter from unit. Sound power measured per ISO standard 3744. Sound data is for TRITON pump only, without spray gun. Refer to the spray gun instruction manual for gun sound data.*

Weight

5 gal (18.9 l) pail package (Alum/SST)	22 lb (10 kg)/28 lb (12.7 kg)
Stand package (Alum/SST)	20 lb (9.1 kg)/27 lb (12.3 kg)
Cart package (Alum/SST)	30 lb (13.6 kg)/36 lb (16.4 kg)
Wall-mount package (Alum/SST)	19 lb (8.6 kg)/24 lb (10.9 kg)

Pump instruction manual	309303
Parts list manual	309304
Operation manual	309305
Agitator kit instruction manual	309306

TRITON 308 Pump Performance Charts



A = 115 psi (0.8 MPa, 8 bar) air pressure
 B = 90 psi (0.6 MPa, 6 bar) air pressure
 C = 60 psi (0.4 MPa, 4 bar) air pressure
 D = 30 psi (0.2 MPa, 2 bar) air pressure



TRITON™ 308 sprayers

ABOUT GRACO

PROVEN QUALITY. LEADING TECHNOLOGY.

Founded in 1926, Graco is among the leading group 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 first-class customer service. Working closely with qualified distributors, Graco offers systems, products and technology which set quality standards 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.

GRACO HEADQUARTERS

AMERICAS

MINNESOTA
Worldwide Headquarters
Graco Inc.
4050 Olson
Memorial Highway
Minneapolis, MN 55422

MAILING ADDRESS
P.O. Box 1441
Minneapolis, MN 55440-1441
Tel 612 623-6000
Fax 612 623-6777

MICHIGAN
Automotive Headquarters
47800 Halyard Drive
Plymouth, MI 48170
Tel 734 416-3400
Fax 734 416-3500

SOUTH DAKOTA
Graco Inc.
3501 North 4th Avenue
Sioux Falls, South Dakota 57104
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 2240025
Tel 81 45 593 7300
Fax 81 45 593 7301

CHINA
Graco Hong Kong Ltd.
Representative Office,
Room 118 1st Floor
No. 2 Xin Yuan Building
No. 509 Cao Bao Road
Shanghai, P.R.China 200233
Tel 86 21 649 50088
Fax 86 21 649 50077

KOREA
Graco Korea Inc.
3rd Fl., Doorim Bldg.
164-21 Poi-Dong,
Kangnam-Ku
Seoul, Korea 135-260
Tel 82 2 575-8901
Fax 82 2 571-9422

Graco is registered to I.S. EN ISO 9001

PINEX Co.
d.o.o. Sarajevo

Ul. Radićeva 8/III, Sarajevo, Bosna i Hercegovina
Tel./Fax: +387 33 66 77 29
Tel: +387 33 55 05 85, Fax: +387 33 55 05 86
Mobitel: +387 61 14 27 65, E-mail : pinjo.n@bih.net.ba



GRACO N.V.
Industrieterrein Oude Bunders
Slakweidestraat 31 • B-3630 Maasmechelen
Tel: +32 (89) 770 700 • Fax: +32 (89) 770 777
www.graco.com (US) • www.graco.be (Europe)