



TRITON™ 308

fine finish spray packages



*Affordable spray packages for
wood and metal applications*

PROVEN QUALITY. LEADING TECHNOLOGY.

Finally...a diaphragm

TRITON 308 SPRAY PACKAGES



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 and Doors
- Customized Wood



Using a wide range of technologies:

- Air Spray
- HVLP
- Electrostatic Air Spray



hramg spray package specifically designed for the fin

Best Spray Finishing Package in its Class!

Available with Delta Spray and PRO Xs Electrostatic Spray Guns

TRITON Packages

Available with Delta Spray or PRO Xs Guns.

Delta Spray Gun

Superior finish quality for air spray and HVLP applications.

or

PRO Xs Spray Gun

Superior finish quality for electrostatic applications.

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.

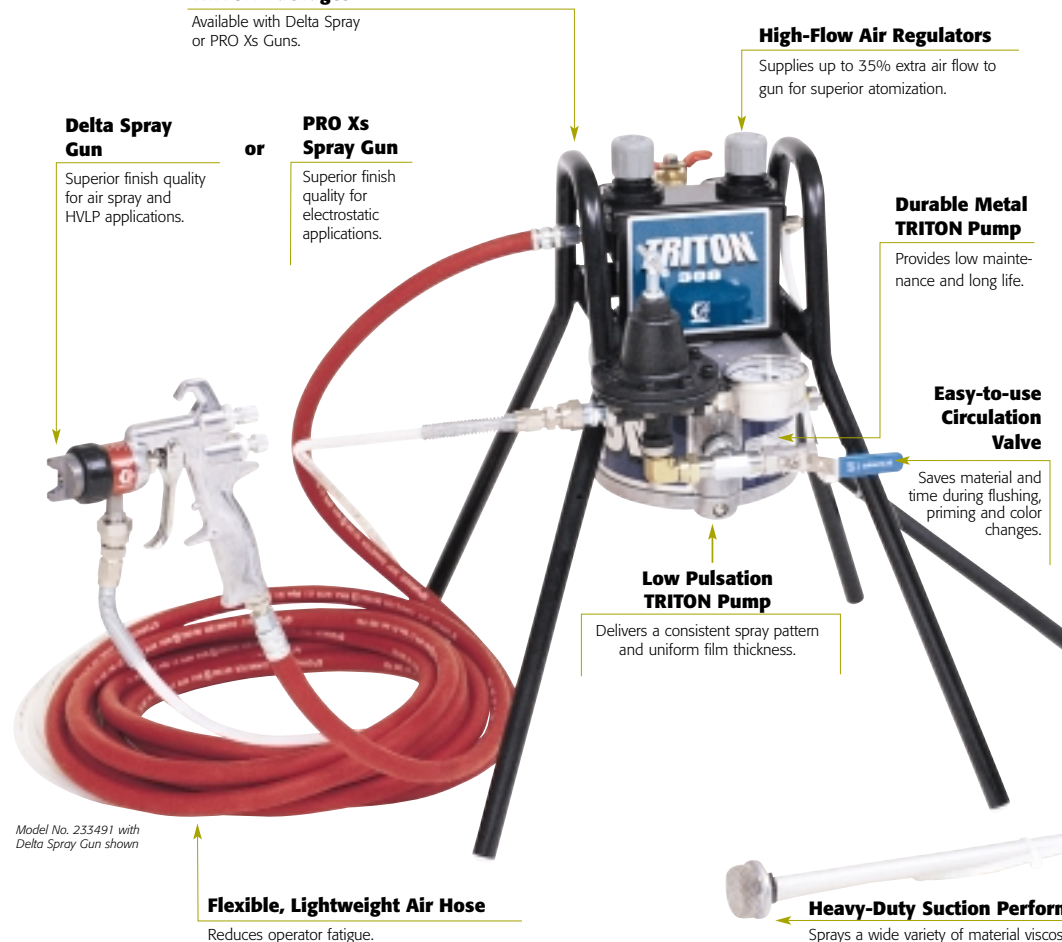
Flexible, Lightweight Air Hose

Reduces operator fatigue.

Heavy-Duty Suction Perform

Sprays a wide variety of material viscos

Model No. 233491 with Delta Spray Gun shown



ishing market.

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!

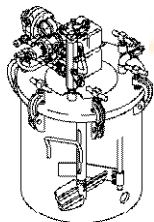
SUPERIOR FINISH QUALITY

- 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 3 minutes for reduced downtime.
- Circulation Valve saves time and lowers solvent usage during clean-up and color changes.

PRO Xs Spray Gun Packages Now Available

Model No. 233743 with PRO Xs Gun shown

formance

sities.



Air Spray, HVLP and Electrostatic Sprayers • Supply Packages



Return-on-Investment for Pressure Pot Conversion

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

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

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 \$8/gal)

X

Gallons used per day
(Typical = 0.5 gal, 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 upon materials and processes. Consult your distributor.

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 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

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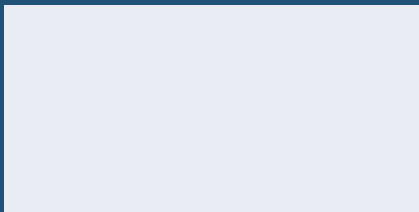
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Graco Inc. is registered to I.S. EN ISO 9001



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.

3
Bare Package*
Fluid Regulator**
Suction Hose
Air Hose (25 ft. 7.6 m)
Fluid Hose (25 ft. 7.6 m)
Applicator

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

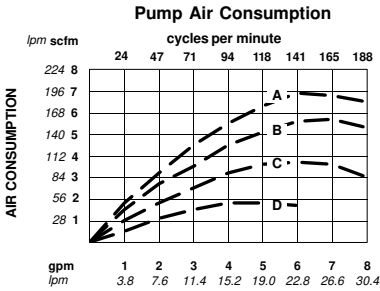
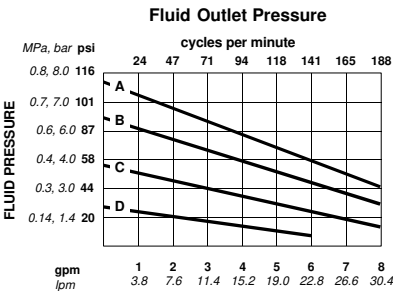
*Sound pressure measured one meter from unit. Sound power measured per ISO standard 3744. Sound data is for TRITON pump only, without spray gun. Refer to the spray gun instruction manual for gun sound data.

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