

Triton™

High quality fine finish spray packages
for wood and metal applications



Finally... a spray package specifically designed for the

TRITON 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 change over deliver a consistent spray pattern.

EASY-TO-USE

Quick colour changes and fast material refills save time and money.

RUGGED CONSTRUCTION

Stainless steel or aluminium pump handles a wide variety of fluids.

Key Applications

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

Applying primers, base coats and top coats for:

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



Spraying stains, sealers, lacquers and top coats for:

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



Using a wide range of technologies:

- Conventional
- HVLP
- Compliant
- Electrostatic Air Spray



finishing market

Superior Spray Finishing Package!

Available with AirPro™ Spray Guns and PRO Xp™ Electrostatic Spray Guns

TRITON Packages

Available with General Metal,
Wood or Waterborne AirPro Guns.

High-Flow Air Regulators

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

AirPro or PRO Xp Spray Gun

Superior finish quality for
conventional, HVLP,
compliant or electrostatic
applications.



Durable Metal TRITON Pump

Provides low maintenance
and long life.

Easy-to-use Circulation Valve

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

Low Pulsation TRITON Pump

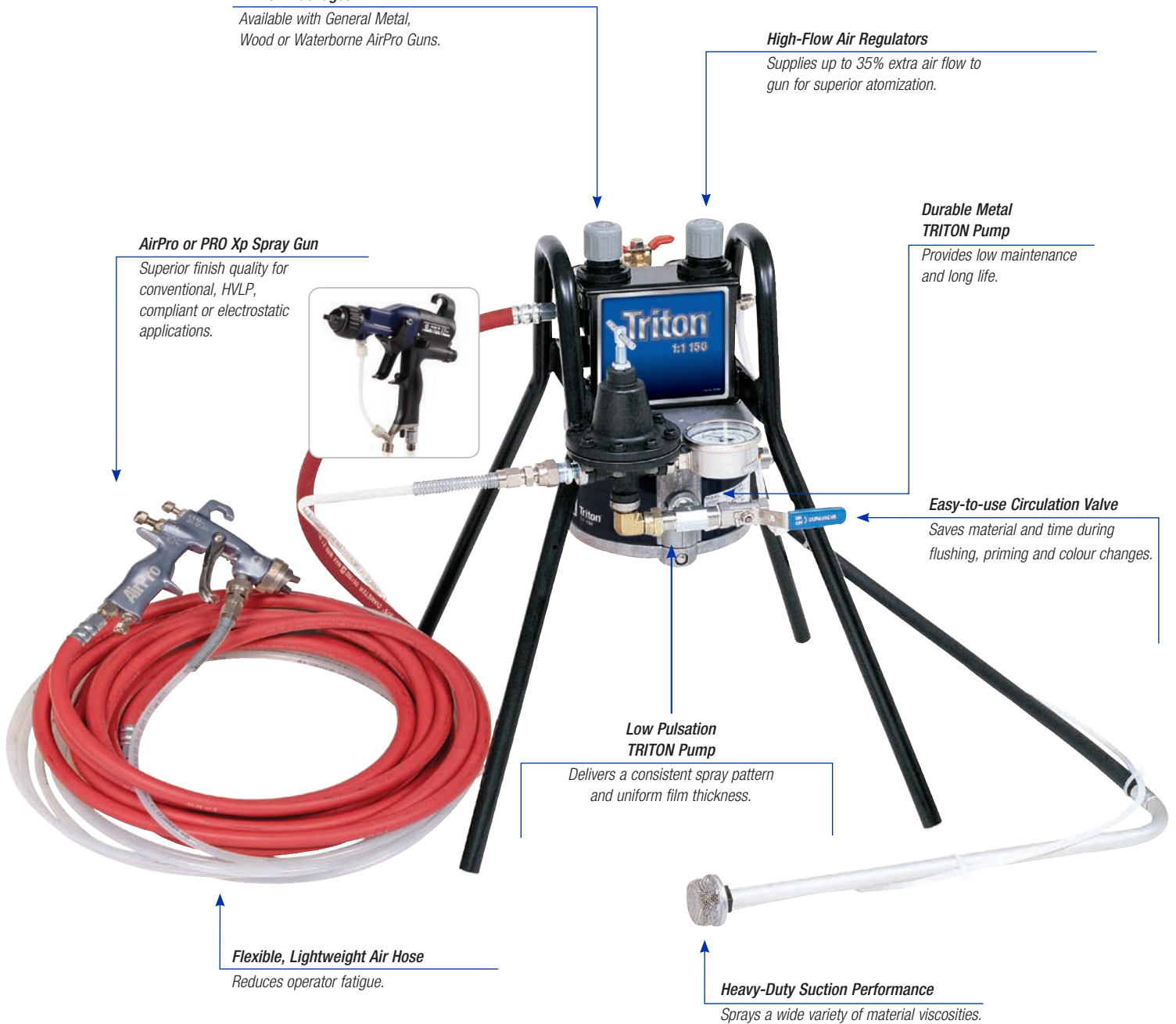
Delivers a consistent spray pattern
and uniform film thickness.

Flexible, Lightweight Air Hose

Reduces operator fatigue.

Heavy-Duty Suction Performance

Sprays a wide variety of material viscosities.



Upgrade Your Pumps!

Upgrade Your Standard Diaphragm Pumps to TRITON

High-Performance Finishing

LONGER PUMP LIFE

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

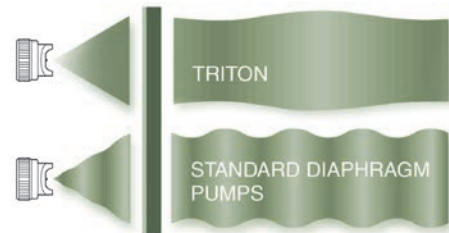
EXTRA PUMPING POWER

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

LOW PULSATION OUTPUT!

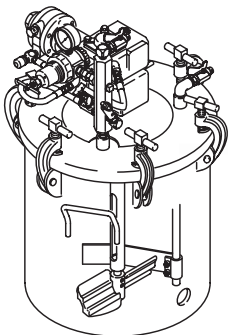
SUPERIOR FINISH QUALITY

- 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 colour changes in less than 3 minutes for reduced downtime
- Circulation Valve saves time and lowers solvent usage during clean-up and colour changes










PRO XP ELECTROSTATIC SPRAY GUN PACKAGES

Model No. 233747 with PRO Xp60 Gun shown

Product Information

TRITON Spray Finishing Package Selection Guide

1. Select spraying application
2. Select package configuration
2. Select aluminium or stainless steel package
3. Select AirPro spray technology

		AirPro Wood Application Packages		Aluminium	Stainless Steel	Triton Package Part No.	5 Gallon Pail Mount	4 Legged Stand Mount	2 Wheel Cart Mount	Wall Mount	Fluid Regulator**	Suction Hose	Air Hose (25 ft, 7.6 m)	Fluid Hose (25 ft, 7.6 m)	Applicator Part No.	Applicator Description				
Pail Mount		•	289645	•							60	•	•	•	289110	AirPro HVLP Gun 1.0 mm (.040 in) nozzle				
		•	289642	•							100	•	•	•	•	289110	AirPro HVLP Gun 1.0 mm (.040 in) nozzle			
		•	289646	•							60	•	•	•	•	289111	AirPro Compliant Gun 1.0 mm (.040 in) nozzle			
		•	289643	•							100	•	•	•	•	289111	AirPro Compliant Gun 1.0 mm (.040 in) nozzle			
		•	289647	•									•	•	•	•	289109	AirPro Conventional Gun 1.0 mm (.040 in) nozzle		
		•	289644	•									•	•	•	•	289109	AirPro Conventional Gun 1.0 mm (.040 in) nozzle		
		Cart Mount		•	289638				•				60	•	•	•	•	289110	AirPro HVLP Gun 1.0 mm (.040 in) nozzle	
				•	289635					•			100	•	•	•	•	•	289110	AirPro HVLP Gun 1.0 mm (.040 in) nozzle
				•	289639						•			60	•	•	•	•	289111	AirPro Compliant Gun 1.0 mm (.040 in) nozzle
				•	289636						•			100	•	•	•	•	289110	AirPro Compliant Gun 1.0 mm (.040 in) nozzle
•	289640								•				•	•	•	•	289109	AirPro Conventional Gun 1.0 mm (.040 in) nozzle		
•	289637								•				•	•	•	•	289109	AirPro Conventional Gun 1.0 mm (.040 in) nozzle		
Wall Mount <i>Siphon tube and pail ordered separately.</i>				•	289628								60	•	•	•	•	289110	AirPro HVLP Gun 1.0 mm (.040 in) nozzle	
				•	289625								100	•	•	•	•	•	289110	AirPro HVLP Gun 1.0 mm (.040 in) nozzle
				•	289629								60	•	•	•	•	•	289111	AirPro Compliant Gun 1.0 mm (.040 in) nozzle
				•	289626								100	•	•	•	•	•	289111	AirPro Compliant Gun 1.0 mm (.040 in) nozzle
		•	289630										•	•	•	•	289109	AirPro Conventional Gun 1.0 mm (.040 in) nozzle		
		•	289627										•	•	•	•	289109	AirPro Conventional Gun 1.0 mm (.040 in) nozzle		
		AirPro General Metal Application Packages																		
Pail Mount		•	233468	•								•	•	•	•	288931	AirPro Conventional Gun 1.4 mm (.055 in) nozzle			
		•	233469	•									•	•	•	•	288931	AirPro Conventional Gun 1.4 mm (.055 in) nozzle		
		•	233470	•							60	•	•	•	•	•	288938	AirPro HVLP Gun 1.4 mm (.055 in) nozzle		
		•	233471	•							100	•	•	•	•	•	288938	AirPro HVLP Gun 1.4 mm (.055 in) nozzle		
		•	234911	•							60	•	•	•	•	•	288945	AirPro Compliant Gun 1.4 mm (.055 in) nozzle		
		•	234912	•							100	•	•	•	•	•	288945	AirPro Compliant Gun 1.4 mm (.055 in) nozzle		
Stand Mount		•	233475	•								•	•	•	•	288931	AirPro Conventional Gun 1.4 mm (.055 in) nozzle			
		•	233476	•									•	•	•	•	288931	AirPro Conventional Gun 1.4 mm (.055 in) nozzle		
		•	233477	•							60	•	•	•	•	•	288938	AirPro HVLP Gun 1.4 mm (.055 in) nozzle		
		•	233478	•							100	•	•	•	•	•	288938	AirPro HVLP Gun 1.4 mm (.055 in) nozzle		
		•	234913	•							60	•	•	•	•	•	288945	AirPro Compliant Gun 1.4 mm (.055 in) nozzle		
		•	234914	•							100	•	•	•	•	•	288945	AirPro Compliant Gun 1.4 mm (.055 in) nozzle		
Cart Mount		•	233482									•	•	•	•	288931	AirPro Conventional Gun 1.4 mm (.055 in) nozzle			
		•	233483										•	•	•	•	288931	AirPro Conventional Gun 1.4 mm (.055 in) nozzle		
		•	233484								60	•	•	•	•	•	288938	AirPro HVLP Gun 1.4 mm (.055 in) nozzle		
		•	233485								100	•	•	•	•	•	288938	AirPro HVLP Gun 1.4 mm (.055 in) nozzle		
		•	234915								60	•	•	•	•	•	288945	AirPro Compliant Gun 1.4 mm (.055 in) nozzle		
		•	234916								100	•	•	•	•	•	288945	AirPro Compliant Gun 1.4 mm (.055 in) nozzle		
		Wall Mount <i>Siphon tube and pail ordered separately.</i>		•	233489									•	•	•	•	288931	AirPro Conventional Gun 1.4 mm (.055 in) nozzle	
				•	233490										•	•	•	•	288931	AirPro Conventional Gun 1.4 mm (.055 in) nozzle
				•	233491								60	•	•	•	•	•	288938	AirPro HVLP Gun 1.4 mm (.055 in) nozzle
				•	233492								100	•	•	•	•	•	288938	AirPro HVLP Gun 1.4 mm (.055 in) nozzle
•	234917										60	•	•	•	•	•	288945	AirPro Compliant Gun 1.4 mm (.055 in) nozzle		
•	234918										100	•	•	•	•	•	288945	AirPro Compliant Gun 1.4 mm (.055 in) nozzle		

**HVLP, Compliant, PRO Xp packages include fluid regulator:
 — Aluminium packages use 4 bar (0.4 MPa, 60 psi) acetal fluid regulator.
 — Stainless steel packages use 7 bar (0.7 MPa, 100 psi) stainless steel fluid regulator.

* Actual performance may vary, depending upon materials and processes. Consult your distributor.

Product Information

TRITON Spray Finishing Package Selection Guide

1. Select spraying application
2. Select package configuration
2. Select aluminium or stainless steel package
3. Select AirPro spray technology



AirPro Waterborne Application Packages

	Aluminium Stainless Steel	Triton Package Part No.	5 Gallon Pail Mount	4 Legged Stand Mount	2 Wheel Cart Mount	Wall Mount	Fluid Regulator**	Suction Hose	Air Hose (25 ft, 7.6 m)	Fluid Hose (25 ft, 7.6 m)	Applicator Part No.	Applicator Description
• 289632			•		100	•	•	•	•	•	288969	AirPro HVLP Gun 1.4 mm (.055 in) nozzle
• 289633			•		100	•	•	•	•	•	288972	AirPro Compliant Gun 1.4 mm (.055 in) nozzle
• 289634			•			•	•	•	•	•	288966	AirPro Conventional Gun 1.4 mm (.055 in) nozzle
• 289622				•	100		•	•	•	•	288969	AirPro HVLP Gun 1.4 mm (.055 in) nozzle
• 289623				•	100		•	•	•	•	288972	AirPro Compliant Gun 1.4 mm (.055 in) nozzle
• 289624				•			•	•	•	•	288966	AirPro Conventional Gun 1.4 mm (.055 in) nozzle
Pro Xp Packages												
• 233741	•				60	•	•	•	•	•	L40T10	PRO Xp40 Electrostatic Gun 1.5 mm (.059 in) nozzle
• 233742	•				60	•	•	•	•	•	L60T10	PRO Xp60 Standard Electrostatic Gun 1.5 mm (.059 in) nozzle
• 289648	•				60	•	•	•	•	•	L85T10	PRO Xp85 Standard Electrostatic Gun 1.5 mm (.059 in) nozzle
• 233743		•			60	•	•	•	•	•	L40T10	PRO Xp40 Electrostatic Gun 1.5 mm (.059 in) nozzle
• 233744		•			60	•	•	•	•	•	L60T10	PRO Xp60 Standard Electrostatic Gun 1.5 mm (.059 in) nozzle
• 289649		•			60	•	•	•	•	•	L85T10	PRO Xp85 Standard Electrostatic Gun 1.5 mm (.059 in) nozzle
• 233746		•			60	•	•	•	•	•	L40T10	PRO Xp40 Electrostatic Gun 1.5 mm (.059 in) nozzle
• 233747		•			60	•	•	•	•	•	L60T10	PRO Xp60 Standard Electrostatic Gun 1.5 mm (.059 in) nozzle
• 289641		•			60	•	•	•	•	•	L85T10	PRO Xp85 Standard Electrostatic Gun 1.5 mm (.059 in) nozzle
• 233748			•		60	•	•	•	•	•	L40T10	PRO Xp40 Electrostatic Gun 1.5 mm (.059 in) nozzle
• 233749			•		60	•	•	•	•	•	L60T10	PRO Xp60 Standard Electrostatic Gun 1.5 mm (.059 in) nozzle
• 289631			•		60	•	•	•	•	•	L85T10	PRO Xp85 Standard Electrostatic Gun 1.5 mm (.059 in) nozzle
Bare Packages*												
• 233466	•											None
• 233467	•											None
• 233473		•										None
• 233474		•										None
• 233480			•									None
• 233481			•									None
• 233487				•								None
• 233488				•								None

*Bare packages do not include hose and gun.

**HVLP, Compliant, PRO Xp packages include fluid regulator.

— Aluminium packages use 4 bar (0.4 MPa, 60 psi) acetal fluid regulator.

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

Technical Specifications

Maximum fluid working pressure	7 bar (0.7 MPa, 100 psi)
Maximum air input pressure	7 bar (0.7 MPa, 100 psi)
Maximum fluid flow (pump at 212 cpm)	32 lpm (8.5 gpm)
Pump displacement	160 cc/cycle (5 oz/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)

Sound data*

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

18.9 l (5 gal) pail package (Alum/SST)	10 kg (22 lb)/12.7 kg (28 lb)
Stand package (Alum/SST)	9.1 kg (20 lb)/12.3 kg (27 lb)
Cart package (Alum/SST)	13.6 kg (30 lb)/16.4 kg (36 lb)
Wall mount package (Alum/SST)	8.6 kg (19 lb)/10.9 kg (24 lb)
Pump instruction and part manual	309303
Spray package instruction and parts manual	309304
Spray package operation manual	309305
Agitator kit instruction manual	309306

Average Air Consumption

Conventional	Compliant	HVLP	Electrostatic
Gun: 396 lpm	Gun: 339 lpm	Gun: 420 lpm	Gun: 566 lpm
Pump: 42 lpm	Pump: 42 lpm	Pump: 42 lpm	Pump: 42 lpm
Total: 438 lpm	Total: 381 lpm	Total: 462 lpm	Total: 608 lpm

Ordering Information and Accessories

Bare TRITON Pumps

233500	TRITON Pump, Aluminum
233501	TRITON Pump, Stainless Steel

Spray Guns

Refer to the following gun brochures for additional part numbers:

AirPro Air Spray brochure, form #339377

Pro Xp Electrostatic Gun brochure, form #345007

Accessory Air Bundled Hoses

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

233498	Air/Fluid Hose, 7.6 m (25 ft) Nickel Plated Steel Couplings, fits AirPro Spray guns
233499	Air/Fluid Hose, 7.6 m (25 ft) Stainless Steel Couplings, fits AirPro Spray guns
240425	Air/Fluid Hose, 7.6 m (25 ft), fits PRO Xp guns

Whip Hoses

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

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

Air and Fluid Hoses

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

244448	Air Hose, 7.6 m (25 ft), fits AirPro Spray guns
210868	Air Hose, 15.2 m (50 ft), fits AirPro Spray guns
223070	Air Hose, 7.6 m (25 ft) Grounded, fits PRO Xp guns
244447	Fluid Hose, 7.6 m (25 ft) Nickel Plated Steel Couplings, fits AirPro Spray guns
235339	Fluid Hose, 7.6 m (25 ft) Stainless Steel Couplings, fits AirPro Spray guns
215637	Fluid Hose, 7.6 m (25 ft), fits PRO Xp guns
215638	Fluid Hose, 15.2 m (50 ft), fits AirPro Spray guns

Suction Hoses

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

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

Fluid Regulators

Use in HVLP applications and where required fluid pressure to spray gun is less than 1.4 bar (20 psi, 0.14 MPa).

241976	Fluid Regulator, Acetal, 0-4 bar (0-60 psi, 0-0.4 MPa)
236450	Fluid Regulator, Acetal, 1.4-7 bar (20-100 psi, 0.14-0.7 MPa)
214706	Fluid Regulator, Stainless Steel, 0.3-7 bar (5-100 psi, 0.03-0.7 MPa)

Gun Inlet Fluid Filters

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

915921	Gun Inlet Filter, Stainless Steel, 150 micron (100 mesh), 3/8 npsm (m x f), 35 bar (500 psi, 3.5 MPa)
238564	Replacement Screen Elements, 25 Count, 250 micron (60 mesh) Stainless Steel
238562	Replacement Screen Elements, 25 Count, 150 micron (100 mesh), 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), 10 bar (150 psi, 1 MPa)
223160	Fluid Filter, Stainless Steel, 250 micron (60 mesh), 3/8 npt(f) inlet x 1/4 npt(m) outlet, 350 bar (5000 psi, 35 MPa)

Agitators

245081	SST Pail Agitator for Triton Packages
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Mounting Accessories

Replacement mounting components for TRITON packages

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

Pump Repair Kits

For TRITON 308 aluminium and stainless steel pumps

245065	PTFE 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



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