

TITANTM

AIR POWERED SPRAYERS



**INTRODUCING THE
POWRCOAT SERIES**

SEVERE SERVICE™ PISTON PUMPS

Titan PowrCoat Air Powered Sprayers are tireless workhorses —

So tough they are virtually indestructible. Severe Service™ means twice the life with half the maintenance. The durability, reliability, and ease of operation that you need are built in to each unit. PowrCoat Sprayers have been used throughout the world, providing their owners with dependable, efficient operation.

- Models for virtually any application, including architectural, industrial maintenance, corrosion control, cold applied roofing, waterproofing, and marine protective coatings
- Pressures from 3,000 to 7,500 PSI (207 to 517 bar)
- Flow rates up to 4.0 GPM
- Complete FRL (Filter, Regulator, Lubricator) standard with every PowrCoat

Air Motor Features

HIGH EFFICIENCY

- Maximum output per cubic foot of air input

ANTI-ICING MOTOR

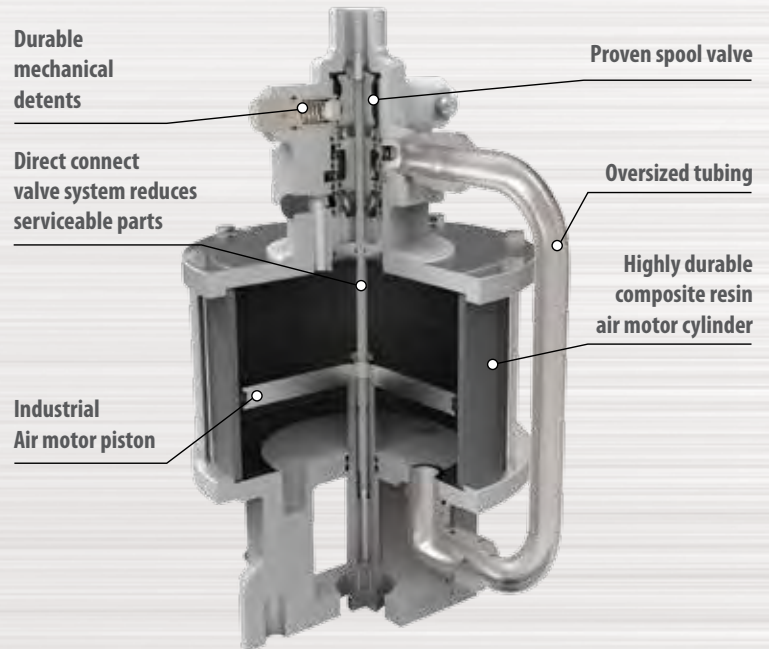
- Continuous operation without icing even at high cycle rates and high humidity
- Oversized valving and exhaust porting

BALANCED EQUAL DISPLACEMENT

- Uniform power on both strokes provides constant spray pattern at gun

PROVEN SPOOL VALVE DESIGN

- Only five moving parts
- Quick, positive motor reversal
- Simple maintenance and service



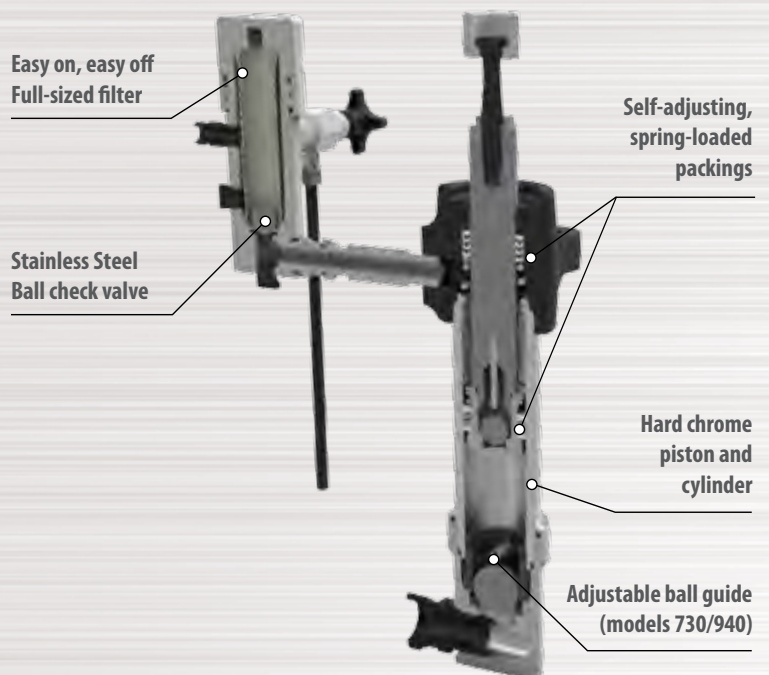
Fluid Section Features

SEVERE SERVICE™ IS STANDARD

- Hard-chrome polished piston and cylinders give long life
- Tungsten carbide valve seats with hardened stainless steel check balls provide better performance and durability
- PowrCoat Piston is engineered to provide unmatched chemical and solvent resistance while creating an ultra-smooth surface that operates with a smooth stroke that provides less friction
- Pumps are designed for easy application of today's low-VOC, high solids, and abrasive coatings

LONG-LIFE PACKINGS

- Self-adjusting, pressure compensated, spring-loaded packings, ensure proper seal and long life
- Standard packing sets of leather and UHMWPE (Ultra high molecular weight polyethylene) provide the industry's longest packing life
- Alternate packing materials are available for specialized applications



POWRCOAT SERIES

Heavy duty hose wrap and gun holder

Heavy duty crane hook

High efficiency anti-icing motor

AIRCARE™ SYSTEM

- Complete FRL (Filter, Regulator, Lubricator) standard with every PowrCoat
- Eliminates air motor icing
- Automatic draining moisture trap
- Easy access air filter & lubrication reservoir

Lubrication adjustment for versatile use

Heavy-duty sheet metal shrouding protects FRL and air motor

Integrated wall mount bracket

High capacity outlet filter reduces tip plugging

Large 16" pneumatic wheels

Lift handles

Severe Service™ pump

Heavy duty cart

Mounting bracket



Wall mount bracket designed into cart for versatility

Technical Data

	PowrCoat 730	PowrCoat 745	PowrCoat 940	PowrCoat 960	PowrCoat 975
Air Motor Diameter (inches)	7"	7"	9"	9"	9"
Ratio	30:1	45:1	40:1	60:1	75:1
Stroke Length (inches)	4.0	4.0	4.0	4.0	4.0
Max. Operating Pressure (PSI)	3,000	4,500	4,000	6,000	7,500
Max. Air Input Pressure (PSI)	100	100	100	100	100
Max. Recommended Air Volume Requirements (CFM)	98	102	116	128	133
Fluid Output per Cycle (cc)	182	114	182	114	95
Max. Recommended Output (GPM)	4.0	2.8	4.0	2.8	2.1
Cart Part Number	0533730C	0533745C	0533940C	0533960C	0533975C
Wall Mount Part Number	0533730W	0533745W	0533940W	0533960W	0533975W

PUMP PERFORMANCE CURVES

Calculating Fluid Outlet Pressure

To calculate fluid pressure (PSI) at a specific fluid flow (GPM) and operating air pressure:

1. Locate the desired flow (GPM) along the bottom of the chart.
2. Move up vertically to the intersection of the selected outlet pressure curve.
3. Follow to the left scale to read the fluid outlet pressure.

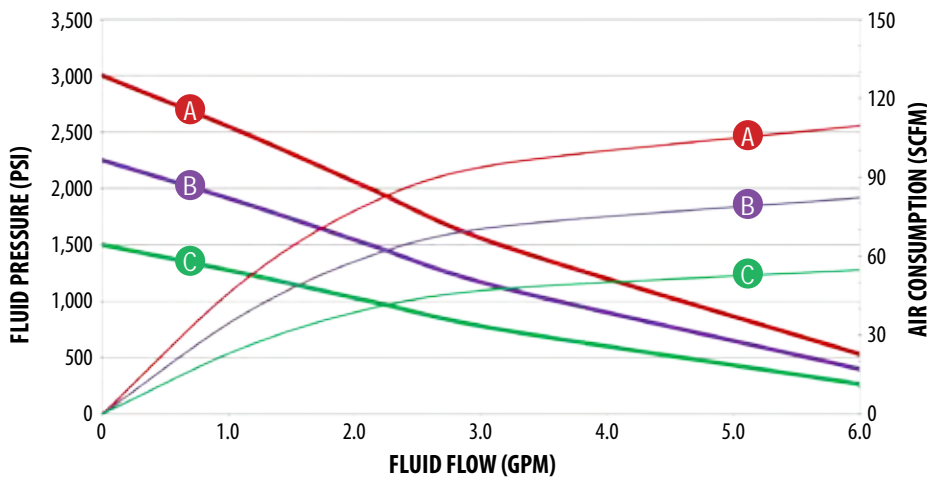
Calculating Pump Air Consumption and Compressor Requirements

To calculate pump air consumption (scfm) at a specific fluid flow (GPM) and operating air pressure:

1. Locate the desired flow (GPM) along the bottom of the chart.
2. Move up vertically to the intersection of the selected air consumption curve.
3. Follow to the right scale to read the air consumption.

Air Pressure Legend: **A** 100 PSI (7 bar, 0.7MPa) **B** 75 PSI (5 bar, 0.5 MPa) **C** 50 PSI (3.5 bar, 0.35MPa)

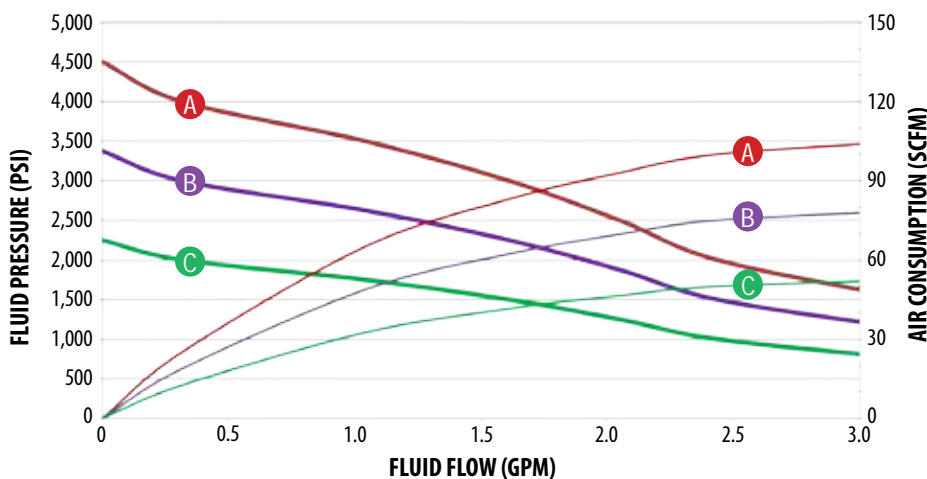
PowrCoat 730 Fluid Pressure & Air Consumption Performance Chart



Specifications

Air Motor Diameter (inches)	7"
Ratio	30:1
Stroke Length (inches)	4.0
Max. Operating Pressure (PSI)	3,000
Max. Air Input Pressure (PSI)	100
Max. Recommended Air Volume Requirements (CFM)	98
Fluid Output Per Cycle (cc)	182
Free Flow Output (GPM)	8.2
Max. Recommended Output (GPM)	4.0
Cart Part Number	0533730C
Wall Mount Part Number	0533730W

PowrCoat 745 Fluid Pressure & Air Consumption Performance Chart

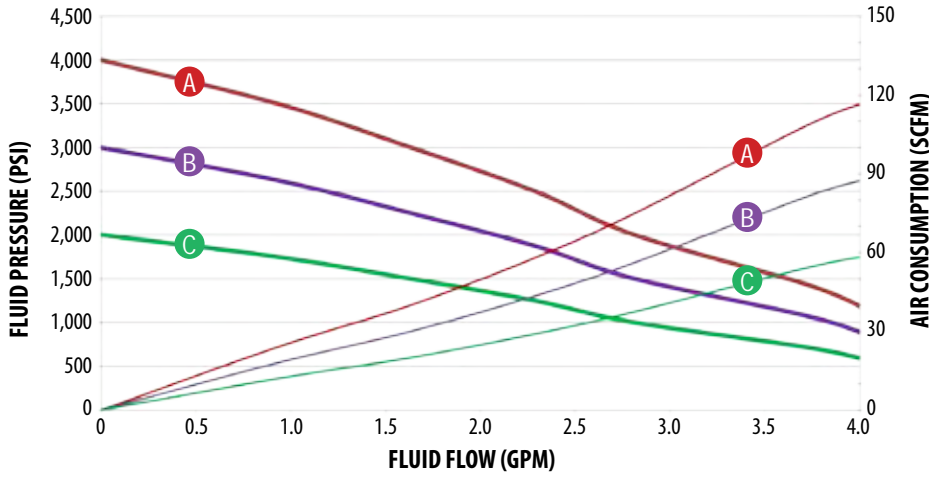


Specifications

Air Motor Diameter (inches)	7"
Ratio	45:1
Stroke Length (inches)	4.0
Max. Operating Pressure (PSI)	4,500
Max. Air Input Pressure (PSI)	100
Max. Recommended Air Volume Requirements (CFM)	102
Fluid Output Per Cycle (cc)	114
Free Flow Output (GPM)	5.3
Max. Recommended Output (GPM)	2.8
Cart Part Number	0533745C
Wall Mount Part Number	0533745W

PowrCoat 940

Fluid Pressure & Air Consumption Performance Chart

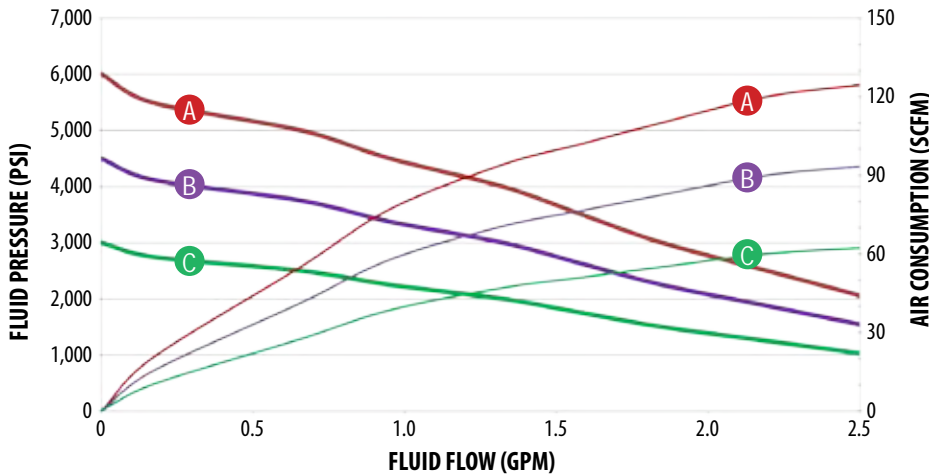


Specifications

Air Motor Diameter (inches)	9"
Ratio	40:1
Stroke Length (inches)	4.0
Max. Operating Pressure (PSI)	4,000
Max. Air Input Pressure (PSI)	100
Max. Recommended Air Volume Requirements (CFM)	116
Fluid Output Per Cycle (cc)	182
Free Flow Output (GPM)	8.2
Max. Recommended Output (GPM)	4.0
Cart Part Number	0533940C
Wall Mount Part Number	0533940W

PowrCoat 960

Fluid Pressure & Air Consumption Performance Chart

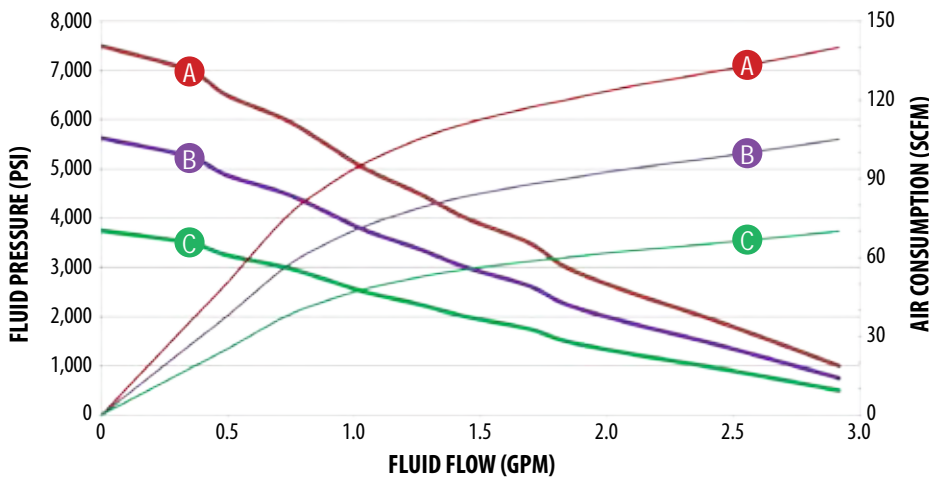


Specifications

Air Motor Diameter (inches)	9"
Ratio	60:1
Stroke Length (inches)	4.0
Max. Operating Pressure (PSI)	6,000
Max. Air Input Pressure (PSI)	100
Max. Recommended Air Volume Requirements (CFM)	128
Fluid Output Per Cycle (cc)	114
Free Flow Output (GPM)	5.3
Max. Recommended Output (GPM)	2.8
Cart Part Number	0533960C
Wall Mount Part Number	0533960W

PowrCoat 975

Fluid Pressure & Air Consumption Performance Chart



Specifications

Air Motor Diameter (inches)	9"
Ratio	75:1
Stroke Length (inches)	4.0
Max. Operating Pressure (PSI)	7,500
Max. Air Input Pressure (PSI)	100
Max. Recommended Air Volume Requirements (CFM)	133
Fluid Output Per Cycle (cc)	95
Free Flow Output (GPM)	4.4
Max. Recommended Output (GPM)	2.1
Cart Part Number	0533975C
Wall Mount Part Number	0533975W

POWRCOAT ACCESSORIES

Guns

P/N	Description	Hose Fitting	Max PSI Rating	Feature
0550040	LX-80 [®] , 2-Finger	1/4" Swivel	3,600	Aluminum Fluid Passage, Filter in Handle
0296236	G-10XL, 2-Finger	1/4" Swivel	3,600	Aluminum Fluid Passage, Filter in Handle
0550060	S-3 with TR ¹ Tip	1/4" Swivel	3,900	Stainless Steel Fluid Passage, Filter in Handle
0550070	S-5 with TR ¹ Tip	1/4" Swivel	5,000	Front Feed, Stainless Steel Fluid Passage
550-260	S-7 with High Pressure Tip	1/4" Swivel	7,700	Stainless Steel Fluid Passage, Filter in Handle
550-270	S-7 with High Pressure Tip	3/8" Swivel	7,700	Stainless Steel Fluid Passage, Filter in Handle

Aluminum Gun Extensions

P/N	Description	Fitting	Max PSI Rating
651-070	6" Gun Extension	7/8" G-Thread	3,600
651-071	12" Gun Extension	7/8" G-Thread	3,600
651-072	18" Gun Extension	7/8" G-Thread	3,600
651-073	24" Gun Extension	7/8" G-Thread	3,600

HP Stainless Steel Gun Extensions

P/N	Description	Fitting	Max PSI Rating
611-280	6" Gun Extension	7/8" G-Thread	7,700
611-281	12" Gun Extension	7/8" G-Thread	7,700
611-282	18" Gun Extension	7/8" G-Thread	7,700
611-283	24" Gun Extension	7/8" G-Thread	7,700

TR¹ Airless Reversible Tips - Max Pressure Rating: 5,000 PSI 695-XXX

IN	.009	.011	.013	.015	.017	.019	.021	.023	.025	.027								
4-6	209	211	213	215	217													
6-8		311	313	315	317													
8-10		411	413	415	417													
10-12			513	515	517	519	521		525									
12-14										627								
Flow GPM	0.09	0.12	0.18	0.24	0.31	0.39	0.47		0.67	0.78								

SC-6+ Airless Reversible Tips - Max Pressure Rating: 5,000 PSI 662-XXX

IN	.007	.009	.011	.013	.015	.017	.019	.021	.023	.025	.027	.029	.031	.033	.035	.039	.043	.045	.051	.055
2-4	107	109	111	113	115	117														
4-6	207	209	211	213	215	217	219	221	223	225	227	229	231	233	235					
6-8	307	309	311	313	315	317	319	321	323	325	327	329	331	333	335					
8-10	407	409	411	413	415	417	419	421	423	425	427	429	431	433	435	439	443	445	451	455
10-12		509	511	513	515	517	519	521	523	525	527	529	531	533	535	539	543	545	551	555
12-14		609	611	613	615	617	619	621	623	625	627	629	631	633	635	639	643	645	651	655
14-16							719	721					731		735					
16-18								821					831							
Flow GPM	0.05	0.09	0.12	0.18	0.24	0.31	0.39	0.47	0.57	0.67	0.78	0.91	1.03	1.17	1.32	1.64	1.99	2.18	2.80	3.26

High-Pressure SC-6 Airless Reversible Tips - Max Pressure Rating: 7,700 PSI 721-XXX

IN					.017	.019	.021	.023	.025	.027	.029	.031	.033	.035	.039				
2-4					117	119		123											
4-6					217	219	221	223											
10-12					517	519	521	523	525	527	529	531	533	535	539				
Flow GPM					0.31	0.39	0.47	0.57	0.67	0.78	0.91	1.03	1.17	1.32	1.64				

Tip Guards

P/N	Description
0289228	5,000 PSI Tip Guard
661-027	7,700 PSI Tip Guard



Hoses

P/N	I/D	Hose Length	Max PSI Rating	End	Connection
316-505	1/4"	50'	3,300	1/4" NPSM (FBE)	Swivel
0286498	1/4"	50'	3,600	1/4" NPSM (FBE)	Swivel
250-114	1/4"	50'	4,500	1/4" NPSM (FBE)	Swivel
0291006	3/8"	50'	3,300	3/8" NPSM (FBE)	Swivel
0286499	3/8"	50'	3,600	3/8" NPSM (FBE)	Swivel
250-538	3/8"	50'	5,400	3/8" NPSM (FBE)	Swivel
250-638	3/8"	50'	7,400	3/8" NPSM (FBE)	Swivel
225-112	1/2"	25'	3,000	3/8" NPSM (FBE)	Swivel
250-112	1/2"	50'	3,000	1/2" NPSM (FBE)	Swivel
250-512	1/2"	50'	5,000	1/2" NPSM (FBE)	Swivel

Whip Hoses

P/N	I/D	Hose Length	Max PSI Rating	End	Connection
0286527	1/4"	6'	3,600	1/4" NPSM (FBE)	Swivel
230-514	1/4"	3'	4,500	1/4" NPSM (FBE)	Swivel

Hose to Hose Fittings

P/N	Fitting Size	Max PSI Rating
490-012	1/4" NPS (M) x 1/4" NPS (M)	5,000
812-003	1/4" NPT (M) x 3/8" NPT (M)	5,000
490-014	3/8" NPS (M) x 3/8" NPS (M)	5,000
449-621	1/2" NPS (M) x 1/2" NPS (M)	5,000
9885642	1/4" NPTF (M) X 1/4" NPTF (M)	7,500
9885646	3/8" NPTF (M) X 1/4" NPTF (M)	7,500
9885643	3/8" NPTF (M) X 3/8" NPTF (M)	7,500
9885647	3/8" NPTF (M) X 1/2" NPTF (M)	7,500
9885644	1/2" NPTF (M) X 1/4" NPTF (M)	7,500
9885648	1/2" NPTF (M) X 1/2" NPTF (M)	7,500
9885645	3/4" NPTF (M) X 1/2" NPTF (M)	7,500

Ball Valves

P/N	Fitting Size	Max PSI Rating
0533348	1/4" NPT (F) X 1/4" NPT (F)	7,500
0533347	3/8" NPT (F) X 3/8" NPT (F)	7,500

Swivel Unions

P/N	Fitting Size	Max PSI Rating
490-005	1/4" NPS (F) x 1/4" NPT (M)	5,000
490-032	1/4" NPS (F) x 3/8" NPT (M)	5,000
490-042	3/8" NPS (F) x 1/4" NPT (M)	5,000
490-043	3/8" NPS (F) x 3/8" NPT (M)	5,000
200-555	1/2" NPS (F) x 1/2" NPT (M)	5,000
138-037	3/4" NPS (F) x 3/4" NPT (M)	5,000

Swivel Fittings

P/N	Fitting Size	Max PSI Rating
500-428	1/4" NPS (F) x 1/4" NPS (F)	5,000
500-424	1/4" NPS (M) x 1/4" NPS (M)	5,000

Fluid Filters

P/N	Description
920-001	Coarse (5) Mesh
920-004	Medium (50) Mesh
920-005	Fine (100) Mesh
920-103	Ball Check

Liquids

P/N	Description
311-101	AirCare™, 1 Quart Bottle
700-926	Piston Lube™, 1 Quart Bottle
314-482	Liquid Shield™ Plus, 1 Quart Bottle
0521010	Part Renu™ Starter Kit
0521423	Part Renu™, 1 Gallon Bottle Refill





THE BEST & LONGEST WARRANTY IN THE INDUSTRY

Not only do we deliver high quality sprayers, we are proud to back them up with the best and longest warranty in the industry.

Titan sprayers are built to last. We are so confident that our sprayers will hold up to the most difficult jobs that we offer the best and longest warranty in the industry.

4 YEAR MANUFACTURER'S DEFECT

We pledge that our sprayers are free from defects in materials and workmanship. This excludes normal wear items and consumables such as filters, piston, packings, tips, etc.

LIFETIME DURALIFE BRUSHLESS HE AND PMDC BRUSHLESS MOTOR WARRANTY

If the motor fails for any reason (including wear) for as long as you own the sprayer, we will replace the motor at no cost to you.

LIMITED LIFETIME DCX MOTOR WARRANTY

If the motor fails from normal usage for as long as you own the sprayer, we will replace the motor at no cost to you.

GAS ENGINE WARRANTY

5 year Subaru®, 3 year Honda® and 2 years all others.

2 YEAR TURBINE WARRANTY

LIFETIME DRIVE TRAIN WARRANTY

If the drive train fails from normal usage for as long as you own the sprayer, we will replace the drive train at no cost to you.

35-DAY SATISFACTION GUARANTEE

If for any reason the sprayer does not perform up to your expectations within 35 days, the sprayer can be exchanged for the identical model or full credit towards the purchase of a Titan sprayer of larger size and value.

EXPRESS PARTS PROGRAM

- Over 900 Authorized Service Centers nationwide
- The most common repair parts are guaranteed to be in stock 100% of the time
- If for any reason your preferred Authorized Service Center is out of stock, free 2nd day air is available when ordered by 3:00 pm (EST)

For more information about the industry's leading warranty, please call the Titan® Technical Service Department at 1-800-526-5362.

WEARGUARD™ CONVENIENCE PROGRAM

Get up to 80% off a spare fluid section or choose to get a free repacking kit

Advantage 400 \$125^{00*}

Small \$149^{95*}

Impact: 440, 540, 640

Impact Models Include Pusher Valve, Prime Spray Valve, and Manifold Filter Assembly

Medium \$199^{95*}

Advantage: 1100 Impact: 740, 840, 1140

GPX: 85, 130, 165, 220 PowrLiner: 2850

Large \$299^{95*}

PowrTwin: 4900 Plus, 6900 Plus, 8900 Plus, 12000 Plus, 6900 Plus DI, 12000 Plus DI PowrLiner: 4950, 6950, 8950 PowrTex: 1200SF

Extra Large \$599^{95*}

PowrCoat: 730, 745, 940, 960, 975 Hydra: Pro IV

*Tax not included



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All information contained in this brochure is based on the latest information available at the time of printing. Titan reserves the right to make changes at any time, without notice.

Visit us on the web at: www.titantool.com
Call Tech Services at 1-800-526-5362 for complete warranty information.

Due to continuous innovation, specifications may progressively change. Contact one of our dependable sales reps or call our dedicated customer service team for more information.

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