

TABLE OF CONTENTS

Hoses	2
Hose Reels	5
Swivels	7
Quick Connects	9
Spray Guns	11
Lances	16
Spray Nozzles	21
Rotating Nozzles	24
Foam Sprayers	28
Injectors	29
Unloaders	33
Pumps	38
Motors	60
Engine Parts	63
Transformers	66
Switches	72
Water Filters	76
Pipe Fittings	78
Surface Cleaners	84
Waste Vacuum Sys	89
Soft Wash	90
Pressure Washers	91

Our vendors provide many more products than we are able to show in our catalog. If you do not see an item listed, please call our sales office for pricing and availability

HOSES

Black Neptune™



Non-Marking High Pressure Hoses



1/2" ID 3000 PSI 1 wire braid

•250°F. maximum •Black Bend •MPT solid & swivel

Part	Lgth	Wt.
1025	25'	9 lb
1113	50'	18 lb
3733	100'	35 lb
5076	300'	71 lb

3/8" ID 4000 PSI 1 wire braid

•250°F. maximum •Orange Bend

MPT solid x MPT swivel

Part	Lgth	Wt.
6450	15'	4 lb
6874	25'	7 lb
6875	30'	9 lb
6867	50'	13 lb
6868	75'	19 lb
6869	100'	26 lb

MPT swivel x MPT swivel fittings

Part	Lgth	Wt.
6870	150'	39 lb
6871	200'	52 lb
6872	250'	65 lb
6873	300'	78 lb

3/8" ID 4500 PSI 2 wire braid

•250°F. maximum •Red Bend •MPT solid & swivel

Part	Lgth	Wt.
4923	15'	5 lb
4352	25'	8 lb
1207	50'	15 lb
4221	75'	21 lb
1458	100'	28 lb
4302	150'	35 lb

3/8" ID 6000 PSI 2 wire braid

Wrapped Cover

•250°F. maximum •Red Bend •MPT solid & swivel

Part	Lgth	Wt.
6116	25'	8 lb
6165	50'	16 lb
6173	100'	32 lb



Gray Neptune™

3/8" ID 4000 PSI 1 wire braid

•250°F. maximum •Orange Bend •MPT solid & swivel

Part	Lgth	Wt.
5908	25'	9 lb
5872	50'	13 lb
5875	75'	18 lb
5873	100'	26 lb
6783	150'	38 lb
6734	200'	56 lb

Blue Neptune™

1/4" ID 3000 PSI 1 wire braid

•250°F. maximum •Black Bend •MPT solid & swivel

Part	Lgth	Wt.
5921	25'	7 lb
5279	50'	13 lb
5280	100'	18 lb

3/8" ID 4000 PSI 1 wire braid

•250°F. maximum •Orange Bend •MPT solid & swivel

Part	Lgth	Wt.
6888	25'	9 lb
6889	50'	13 lb
6890	75'	18 lb
6896	100'	26 lb
6898	150'	38 lb
6900	200'	56 lb

3/8" ID 4500 PSI 2 wire braid

•250°F. maximum •Red Bend •MPT solid & swivel

Part	Lgth	Wt.
5567	15'	5 lb
5230	25'	7 lb
5432	50'	13 lb
5032	75'	18 lb
5033	100'	25 lb
5034	150'	42 lb

Custom Cut Hoses

Part	Size ID	OD	PSI
3445	1/4" Blue Neptune increments of 25'	0.53"	3000
3693	3/8" Black Neptune	0.69"	4000
6598	3/8" Blue Neptune	0.69"	4000
6596	3/8" Gray Neptune	0.69"	4000
4159	3/8" Black Neptune	0.69"	4500
2393	3/8" Blue Neptune	0.69"	4500
6002	3/8" Black Neptune (increments of 50')	0.69"	6000
4210	1/2" Black Neptune (increments of 25')	0.82"	3000

Installed Fittings

Part	Size ID
3048	1/4 hose x 1/4 mpt solid
3049	1/4 hose x 1/4 mpt swivel
3050	3/8 hose x 3/8 MPT Solid
3051	3/8 hose x 3/8 MPT Swivel
3726	1/2 hose x 1/2 MPT Solid
3727	1/2 hose x 1/2 MPT Swivel
2887	1/4" Black Bend Restrictor
5013	3/8" Orange Bend Restrictor
2531	3/8" Red Bend Restrictor
3912	1/2" Black Bend Restrictor

Full Roll Hoses (No fittings)

Reels of hose could have as many as 3 pieces per roll in 50' increments

Note: If single piece is requested your order may be delayed, plus a 5% upcharge



Part	Size ID	PSI	Length
1669	1/4" Blue Neptune	3000	500'
6713	3/8" Black Neptune	4000	500'
6899	3/8" Blue Neptune	4000	500'
3724	3/8" Gray (1 piece/roll)	4000	300'
6590	3/8" Gray Neptune	4000	500'
4158	3/8" Black Neptune	4500	450'
5036	3/8" Blue Neptune	4500	450'
4208	1/2" Black Neptune	3000	500'

Crimp Fittings Non Installed

Part	Size ID
2963	1/4 hose x 1/4 mpt solid
2842	1/4 hose x 1/4 mpt swivel
4151	3/8 hose x 3/8 MPT Solid
4152	3/8 hose x 3/8 MPT Swivel
2884	1/2 hose x 1/2 MPT Solid
2865	1/2 hose x 1/2 MPT Swivel
2148	Ferrule need for 1/2" hoses



Pressure Washer Hoses Smooth Cover

MADE IN USA

- .64 OD
- More flexible and lighter
- Economical!
- 4000 PSI single wire braid
- 225°F. maximum



Part	Size ID	Wt.
6659	3/8x50' Black	10 lb
6660	3/8x100' Black	20 lb
6892	3/8x50' Blue non-marking	10 lb
6893	3/8x100' Blue non-marking	20 lb
6998	3/8x50' Gray non-marking	10 lb
6999	3/8x100' Gray non-marking	20 lb



Wrapped Cover

Premium quality hose for high pressure Synthetic rubber tube with high tensile steel wire reinforcement. Abrasion and weather resistant synthetic rubber outer cover

- Male solid and swivel fittings
- 200°F maximum
- Black bend restrictors on 1/4"
- Orange bend restrictors 4000 PSI 1 wire braid
- Red bend restrictors 6000 PSI 2 wire braid



NOT made in USA

Blue and Gray are NON-MARKING 4000 PSI 1 Wire Braid

Part	Size ID
6307	1/4x25' Black
6380	1/4x50' Black
6381	1/4x100' Black
5848	3/8x50' Black
5565	3/8 x50' Gray
5857	3/8x50' Blue
5849	3/8x100' Black
5568	3/8x100' Gray
5860	3/8x100' Blue

6000 PSI 2 Wire Braid

Part	Size ID
4907	3/8x50' Black
5571	3/8 x50' Gray
6377	3/8x50' Blue
4908	3/8x100' Black
5572	3/8x100' Gray
6379	3/8x100' Blue

HOSES

Whip/Connector Line Hoses

Whip lines are made from ends of rolls or bulk boxes, may be black, blue, or gray.



4000 PSI

Part	Size
5830	3/8x2'
5893	3/8x3'
5894	3/8x4'
5907	3/8x5'
5362	3/8x6'
5566	3/8x8'
6497	3/8x10'

4500 PSI

Part	Size
1693	3/8x2'
4311	3/8x3'
1204	3/8x4'
3319	3/8x5'
1203	3/8x6'
1202	3/8x8'



Hobby Hoses

Oil Resistant Synthetic Rubber

- 3000 PSI maximum
- 140° maximum

High pressure replacement hoses for home owner type machines.

Part	Size	Fittings
2188	1/4x25'	22x1/4FBSP
6125	1/4x30'	22x22mm

Whitewater® Combo

For pressure washers and steam machines



- MPT solid fittings
- No bend restrictor on 1/2"

Steam max 325° @ 350 PSI
Hot water max 250° @ 3000 PSI
1/2" hose max 250° @ 2500 PSI

Part	Size ID	Wt.
4891	3/8x25'	7 lb
1201	3/8x50'	13 lb
1553	3/8x100'	24 lb
1460	1/2x50'	18 lb

Flexsteel® 250 CB Steam



- 250 PSI maximum
- 450°F. maximum

Part	Size ID	OD
3431	1/2" x 25' w/boss clamp	1.06"
3188	1/2" x 50' w/boss clamp	1.06"
3292	Boss Hose Clamp	
3287	Boss Stem	



Sewer Hoses



Durable thermoplastic construction is flexible and light weight for cornering around elbows. Smooth surface cover allows easy access through drain pipes and sewer lines

Part	ID	PSI	Length	Temp	Fittings
2560	1/8"	2900	50'	140°	1/8x1/4
2561	1/8"	2900	100'	140°	1/8x1/4
6217	1/4"	4350	50'	212°	1/4x1/4
6215	1/4"	4350	100'	212°	1/4x1/4

PVC Polybraided Hose

Reduced OD. More flexible and won't kink

Part	ID	Roll
2417	1/4"	100'

Plivoic Polybraided Hose



Part	ID	Roll	PSI
2903	1/4"	25'	250
2904	1/4"	50'	250
2905	1/4"	100'	250
6327	1/4"	300'	250
2906	3/8"	25'	250
2907	3/8"	50'	250
2908	3/8"	100'	250
6208	3/8"	300'	250
2909	1/2"	25'	200
2910	1/2"	50'	200
2911	1/2"	100'	200
2915	5/8"	25'	200
2916	5/8"	50'	200
2917	5/8"	100'	200
2912	3/4"	25'	150
2913	3/4"	50'	150
2914	3/4"	100'	150

Spiraflex® Aggie Hose



General purpose water suction and discharge hose for industrial, agricultural, construction cleanup.

- Flexible and crush resistant
- 158° F. maximum

Part	ID	OD	Max WP	Bend Radius	Length
3111	3/4"	1.06"	120	3.0"	20'
3754	3/4"	1.06"	120	3.0"	100'
4135	1"	1.24"	120	3.0"	20'
4011	1"	1.24"	106	4.5"	100'
4015	1 1/2"	1.78"	89	6.0"	20'
3138	1 1/2"	1.78"	89	6.0"	100'

HOSE REELS

Insta-Grip 250™

Bypass hose designed for use with push on fittings.



- 250 PSI maximum
- 190°F. maximum

Part	ID
4016	1/4"
3655	3/8"
4017	1/2"
4964	5/8"
4965	3/4"

Pulse Hose



- 1500 PSI maximum
 - 250°F. maximum
- One end must be plugged

Part	Product
2499	24" 3/8" MPT x 3/8" FPT
2500	24" 3/8" MPT x plugged

Band Hose Clamps

- Stainless Steel band
- Steel screw
- 10 clamps per bag



Part	Size	Band	Diameter
1495	#04	5/16" micro	1/4"-5/8"
1496	#06	5/16" micro	5/16"-7/8"
1499	#06	1/2"	3/8"-7/8"
1500	#08	1/2"	7/16"-1"
1501	#10	1/2"	1/2"-1-1/8"
1502	#12	1/2"	1/2"-1-1/4"
1556	#20	1/2"	3/4"-1-3/4"
3599	#24	1/2"	1"-2"

Plastic Cable Ties

Part	Size	Color	Qty
1782	4"	Natural 18#	100
1785	8"	Black 40#	100
1789	11"	Black 50#	100
1788	11"	Natural 50#	100
4372	14"	Natural 50#	100
5636	14"	Natural 120#	100
2641	18"	Natural 120#	100
5649	28"	Natural 175#	100



Spring Rewind

A heavy duty spring motor provides self-contained rewind power. A non sparking ratchet assembly locks the reel when the desired length has been paid out



- 100' of 3/8" hose
- 1/2" Inlet/outlet
- 3000 PSI maximum
- 225°F. maximum
- 26" high 6" reel width
- 131 lbs ship weight

Be sure to specify the roller position when ordering. If roller position is NOT specified, reels will be shipped with rollers in the POSITION SR.



Position SR
Swivel joint right

Position TR
Swivel joint left

Position VR
Swivel joint right

Hose stop & hose sold separately

Ships via common carrier. Allow 2 weeks lead time

Part	Roller Position
6628	SR
6655	TR
6654	VR
5435	HS-3 hose stop



Compact design
Quality steel construction

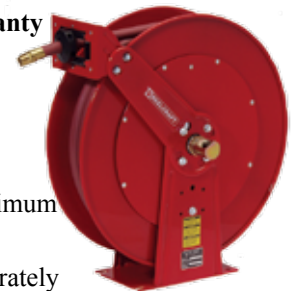
- Complete with **Super Swivel®** for maximum delivery
- Full flow shaft and swivel for maximum delivery
- Lock pin prevents spool rotation when not in use
- Standard, durable, abrasion resistant, red baked powder coat



- 2 year limited warranty
- ISO 9001 certified
- 1/2" I/O

Spring Rewind

- 5000 PSI maximum
- 100 feet 3/8" hose
- 8" wide reel
- 25" High
- 325°F. maximum
- 81 lbs.



Hose stop & hose sold separately

Non stock item. Ships common carrier

Part	Hose Max
6884	PW81000 OHP
4324	Hose Stop

Hand Crank

- 3000 PSI maximum
- 325°F. maximum
- 100 feet 3/8" hose
- 15" wide reel
- 20" High
- 31 lbs.

Part	Model
4901	18006M



HOSE REELS



A Frame Hose Reels



- Heavy Duty
- 5000 PSI ss swivel
- 1/2" I/O water steel fitting
- Drum locking pin
- Drum friction brake
- Durable powder coated finish on reel
- Mount on wall, bench or pressure washer

Part	Product
7008	3/8" x 150'
7009	3/8" x 300'
7010	3/8" x 450'
2217	2103246 ss swivel
2535	2103249 swivel kit
2255	Hand crank

A Frame Accessories

Assembly required for stack rack and 2 wheel cart. Hose reels not included



Hose reel not included

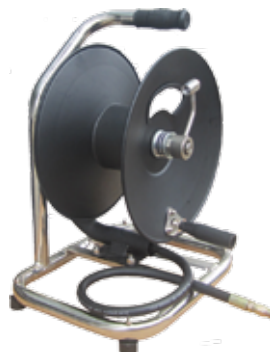


Part	Product
7011	Stack Rack 150 & 300 foot reels
7014	Stack rack 450'
7012	2 Wheel cart for 7009 reel only



Hose Reel on Base

- 3/8" x 100' hose reel
- Base with carry handle
- Solid steel construction
- Nickel plated base
- Powdercoat finish (reel)
- 5000 PSI
- 1/4" FPT Inlet
- 3/8" FPT Outlet



Part
7016



Hand Crank Reels



- Industrial grade reel
- Maximum 4000 PSI
- Extend hose life
- Mount on wall, bench
- Solid steel construction
- Powder coated
- Full flow swivel
- 225°F maximum

Part	Hose	In/Out	Ht	Wid
5355	50'	3/8" MPT x 3/8 FPT	12.5	13
5430	100'	3/8" FPT x 3/8 FPT	10.5	12.5
5924	200'	3/8 MPT x 3/8 FPT	16.5	10

Replacement Parts



Part	Product
4255	Handle Assembly w/screws
5429	Swivel 3/4 M27MST & 3/8 FPT in, 3/8 FPT out 4000 PSI max.
5428	Swivel. 1/2 M x 3/8 F 4000 PSI
6782	Swivel kit 5428 & 5429
6753	Swivel o-ring kit 5428 & 5429
2603	Hi temp swivel kit 5428 & 5429

Swivel Hose Reels

- Reel swivels 200°
- Adjustable friction brakes
- Easy push/pull lock pin
- Heavy cold rolled metals
- 1/2" FPT in/out
- 4000 PSI 250°F



Slide-In

Part	Size
5700	K01-2024 100'
5718	K01-0206 200'

Drop-In

Part	Size
5701	K01-2025 100'
5719	K01-0207 200'

Wall Mount

Part	Size
5707	K01-2027 100'
5728	K01-0208 200'

Flat Surface Mount

Part	Size
5709	K01-2028 100'
5729	K01-0209 200'

Mount Block

Easy mount adapter mounts to any round or square tubing

Part	Size
5702	K01-2026 100'



"Challenger" Series

Made in the USA
Lightweight, compact

- 4000 PSI maximum
- 225° F. maximum
- Viton swivel seals



Part	Cox Part	Hose	Dimensions
4988	112-3-100	100'	18x13x12
4990	117-3-250	250'	18x18x17

Part	Cox Part	Product
4063	6329-1-1	Brake bearing
5977	1935	3/8FPT Brass
5993	1935seal	1935 Kit

"Competitor" Series

Solid steel crank smooth handle

- 90° 1/2" FPT swivel
- 4000 PSI maximum
- 225°F. maximum



Part	Cox Part	Hose	W	H	L
4869	1125-4-200	300'	25½	18¾	17¾
6980	1125-4-325	450'	31½	18¾	17¾

4129	7429-4	Drag Brake
5344	439	1/2" swivel
5979	439SEAL	Repair kit
2615	Locking pin	Assembly

Universal Hose Reel Swivel

- 10 GPM max
- 3000 PSI max
- 300°F. max
- Viton o-ring
- Teflon washer

Part	Size
1778	Adams 1/2 FPT
1779	Repair kit



JE Adams 90° Boom Swivels

- Swivels under pressure
- 7 GPM maximum
- 300°F. maximum
- 3/8MPT x 3/8FPT

Part	Size	PSI
2295	Stainless Steel	5000
2608	Brass	3000
2294	Repair kit 2295	



IEP New 2017 Components In-Line Swivels

- 300° F. max
- 7 GPM max

Part	Size	PSI
6391	Brass 1/4" M/F	4000
6399	Brass 3/8" M/F	4000
6398	Stainless 1/4" M/F	5000
6400	Stainless 3/8" M/F	5000



Heavy duty swivel for guns, hose reels, booms

- Swivels under pressure
- Ball Bearing design
- 5000 PSI maximum
- 400° maximum

Part	Product
4523	In line 1/4MPT x 1/4FPT
4526	In line 3/8MPT x 3/8FPT
5880	90° 3/8FPT x 3/8FPT
4577	90° 3/8MPT x 3/8FPT
6626	90° 1/2FPT x 3/8FPT Rapid Reel replacement
4575	In line 1/2MPT x 1/2FPT
4578	90° 1/2MPT x 1/2FPT
5881	90° 1/2FPT x 1/2FPT
4579	1/4" Repair kit
4580	3/8 and 1/2 repair kit



90° Swivels

- 250°F. maximum
- 30 RPM maximum
- O-ring seal
- Dual sliding bearing system
- Stainless steel inner part
- Brass, nickel body

Applications: Hose reels, ceiling booms, surface cleaners

4000 PSI maximum

Part	Mos	Product
7000	43.451	WDE 1/4F x 1/4M
7001	43.452	WDE 3/8F x 3/8M
7015	43.457	WDE 3/8F x 3/8F
7002	43.453	WDE 1/2F x 1/2M
7003	43.458	WDE 1/2F x 1/2F
7004	43.912	WDE Seal Kit



4000 PSI maximum

6926	43.252	WDB 3/8F x 3/8M
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Applications: Hose reels, ceiling booms, Automatic Car wash Systems Stainless Steel 4000 PSI

Part	Mos	Product
6928	43.354	WDC 1/2F x 1/2F
6927	43.353	WDC 1/2F x 1/2M
6929	43.904	WDB/WDC kit



In-Line Brass Swivels

Made in the USA

DGV

Live Swivels

Mount the DGV series to any type of high pressure gun, lance or whip line for easy turning, low maintenance.

- 4000 PSI maximum
- 250°F maximum
- 30 RPM maximum
- Brass nickel plated body
- Stainless steel inner part
- Single bearing system

Part	Mosmatic	Product
6935	32.552	1/4M x 1/4F
6920	32.564	3/8M x 3/8F
6319	32.924	3/8M x 1/2F



SWIVELS



ST-301



- 5.2 GPM maximum
- 300°F. maximum
- Brass and stainless steel

Part	Size	PSI
6644	3/8MPT x 3/8FPT	5070

ST-340 Hi Flow

Perfect for connecting to trigger guns, booms



- Brass
- Double teflon rings
- 42 GPM maximum
- 3625 PSI maximum
- 195°F. maximum

Part	Size
6645	1/2MPT x 1/2FPT



- 10.5 GPM maximum
- 4050 PSI
- 320°F. maximum

Part	Size
2030	PA 1/4M/F
6244	PA 3/8M/F



- 7.8 GPM maximum
- 3000 PSI
- 302°F. maximum



Part	Size
1295	Mecline 3/8”M/F

In-Line Stainless Steel Swivels

- 5000 PSI maximum
- Swivels under pressure
- 200° F. maximum



Part	Size
2235	Adams 1/4 FPT x 1/4 MPT
2238	Adams 3/8 FPT x 3/8 MPT
2236	Adams 1/4” repair kit
2237	Adams 3/8” repair kit



- 10.5 GPM maximum
- 5650 PSI
- 320°F. maximum



6755	PA 1/4MPT x 1/4FPT
6754	PA 3/8MPT x 3/8FPT

Ball Bearing Swivels

- 3500 PSI maximum
- Swivels under pressure
- 180°F. maximum

304 Stainless Steel Swivels



Part	Product
3786	1/4FPT x 1/4MPT
3787	3/8FPT x 3/8MPT
6779	1/2FPT x 1/2MPT
3796	1/4” repair kit
3797	3/8” repair kit
6780	1/2” repair kit



Brass Swivels

3500 PSI maximum
212°F. maximum



Part	Product
3489	1/4MPT x 1/4FPT
3491	3/8MPT x 3/8FPT
3492	Repair kit for all



High Speed Swivels

DYCI Series

Triple Bearing System (2 radial ball bearings and 1 thrust ball bearing)

Applications: High RPM, Surface cleaners, Parts cleaners, Tire cleaners



Part	Mos #	Size
6168	55.153	3/8 F x 3/8 M
6022	55.163	3/8 F x G 3/8 M
5903	36.906	Seal kit

DYT Series

Quadruple Bearing System (2 radial ball bearings and 2 thrust ball bearing)

- Carbide Seal
- Complete Stainless
- Live swivel
- 2000 RPM maximum
- 5000 PSI maximum
- 250°F. maximum

Applications: High RPM, High Pressures, thrust and radial force, Surface cleaners, Parts cleaners



Part	Mos #	Size
6496	59.051	1/4” F x 1/4” M
6131	59.153	3/8” F x 3/8” M
6925	59.163	3/8” F x G3/8M
5903	36.906	Carbide seal kit

Triple Bearing System (2 radial ball bearings and 1 thrust ball bearing)

- 4000 PSI maximum
- 2000 RPM maximum
- 250°F maximum
- Carbide Seal
- Brass, nickel plated body



DYG Series with Bulkhead Fitting

Part	Mos #	Size
6879	57.051	1/4 F x 1/4 M
6880	57.153	3/8 F x 3/8 M
6924	57.163	3/8 F x G3/8 M
5903	36.906	Carbide seal kit



DYF Series with Flange



Part	Mos #	Size
6922	58.153	3/8 F x 3/8 M
6923	58.163	3/8 F x G3/8 M
5903	36.906	Carbide seal kit

QUICK CONNECTS

O-Ring Pick Tools

6 pack of assorted stainless steel dental picks to help remove O-rings from quick connects, pumps, guns.

Part
3958



Hansen Quick Connects

Brass Sockets

Part	Size	PSI
2321	1/8MPT	2600
1200	1/4MPT	5500
1198	3/8MPT	4200
1485	1/2MPT	3500
4408	3/4MPT	2100
2320	1/8 FPT	2600
1211	1/4 FPT	5500
1199	3/8 FPT	4200
1486	1/2 FPT	3500
4407	3/4 FPT	2100



303 Stainless Steel Sockets

Part	Size	PSI
1438	1/4MPT	7500
4507	3/8MPT	6300
4705	1/2MPT	3600
3854	1/4 FPT	7500
3858	3/8 FPT	6300
5929	1/2 FPT	3600



Zinc Coated Steel Plugs

Part	Size	PSI
2319	1/8MPT	2600
1195	1/4MPT	5500
1193	3/8MPT	4200
1488	1/2MPT	3500
4410	3/4MPT	2100
2318	1/8 FPT	2600
1194	1/4 FPT	5500
1192	3/8 FPT	4200
1487	1/2 FPT	3500
4409	3/4 FPT	2100



416 Stainless Steel Plugs

Part	Size	PSI
2035	1/4MPT	7500
2037	3/8MPT	6300
4704	1/2MPT	3600
2034	1/4 FPT	7500
2036	3/8 FPT	6300
5928	1/2 FPT	3600



HP
Components

Quick Connects

Brass Sockets

Part	Size	PSI
5655	1/4 MPT	5500
3004	3/8 MPT	4200
4497	1/2 MPT	4000
3719	1/4 FPT	5500
2401	3/8 FPT	4200
4328	1/2 FPT	4000



304 Stainless Steel Sockets

4629	1/4 MPT	7500
2025	3/8 MPT	6300
2024	1/4 FPT	7500
4630	3/8 FPT	6300

Brass Plugs

3285	1/4 MPT	5000
3337	3/8 MPT	4200
1281	1/2 MPT	3500
3284	1/4 FPT	5000
3623	3/8 FPT	4200
1878	1/2 FPT	3500



Zinc Coated Steel Plugs

1993	1/4 MPT	5000
4780	3/8 MPT	4200
2192	1/4 FPT	5000
3878	3/8 FPT	4200



304 Stainless Steel Plugs

1627	1/4 MPT	5500
4960	3/8 MPT	5000
4602	1/4 FPT	5500
4959	3/8 FPT	5000



Quick Connects O-Rings



Buna-N Black



Viton Brown

Part	Size
5732	1/8"
1210	1/4"
2785	1/4" 10 PAK
2767	1/4" 25 PAK
1191	3/8"
2757	3/8" 10 PAK
2756	3/8" 25 PAK
3901	3/4"

Part	Size
6670	1/4"
6600	1/4" 10 PAK
6687	1/4" 25 PAK
6710	3/8"
6624	3/8" 10 PAK
6711	3/8" 25 PAK
2038	1/2"
2228	1/2" 25 PAK

QUICK CONNECTS

Double Shut-off QC

225°F maximum



Part	Product	PSI
4099	1/4FPT steel plug	5000
4097	1/4FPT steel socket	5000
4100	3/8FPT steel plug	4500
4098	3/8FPT steel socket	4500
4102	1/2FPT steel plug	4000
4101	1/2FPT steel socket	4000
2831	1/4" socket o-ring	
2832	3/8" socket o-ring	
2840	1/2" socket o-ring	

22mm x 22mm Connectors

Connect 2 hoses with 22mm fittings



Part	Size
6359	22mm Coup x 22mm coup
6427	22mm plug x 22mm plug

22mm x QC Connectors

Quick connect a standard NPT thread to 22mm thread



Part	Size
6323	22mm plug x 3/8 QC socket
6341	22mm coup x 3/8 QC socket
6451	22mm coup x 1/4 QC plug
6322	22mm coup x 3/8 QC plug



Swivel Screw Coupler

Live swivel under pressure



- Single bearing system
- Stainless Steel inner part
- Brass nickel plated body
- 3600 PSI maximum
- 300°F. maximum
- 30 RPM maximum



Part	Size
6909	22mm x 1/4FPT
6908	22mm x 1/4MPT
6913	22mm x 3/8FPT
6911	22mm x 3/8MPT



ST-40 Screw Couplers



- 5800 PSI
- 300°F. maximum
- 14mm yoke
- Stainless Steel

Part	Size
6836	22mm x 1/4F
6837	22mm x 1/4M
6838	22mm x 3/8F
6839	22mm x 3/8M
5403	O-ring

Brass & Plated Steel



Part	Size
4404	22mm x 1/2F
4611	22mm x 1/2M

ST-41 Screw Plugs

Stainless Steel



Part	Size
6840	22mm x 1/4M
6841	22mm x 1/4F
6842	22mm x 3/8F
6844	22mm x 3/8M

Brass & Plated Steel



Part	Size
4640	22mm x 1/2FPT
4664	22mm x 1/2MPT

15mm Yoke ID

5184	22mm x 3/8F
------	-------------



22mm Screw Couplers

- Connect NPT threads to 22mm machines/guns
- 4000 PSI maximum

14mm Yoke ID



Part	Size
6312	22mm x 1/4M
6311	22mm x 1/4F
6310	22mm x 3/8M
6309	22mm x 3/8F
5691	o-rings
3661	25 pack orings



15mm Yoke ID

5343	22mm x 3/8F
------	-------------

22mm Screw Plugs

14mm Yoke ID



Part	Size
6316	22mm x 1/4M
6315	22mm x 1/4F
6314	22mm x 3/8M
6313	22mm x 3/8F



TRIGGER SPRAY GUNS

SUTTNER ST-1100 Lightweight

Perfect for cold water units or smaller hot water units

- 7 GPM max
- 3050 PSI
- 300°F. Max
- 3/8" FPT inlet
- 1/4" FPT outlet



Part	Model
4126	ST-1100



YRL51 Gun

- 13.2 GPM max
- 4050 PSI max
- 320° F. max
- 3/8" FPT inlet
- 1/4" FPT outlet



Part
6267



MTM407

- 7 GPM max
- 4000 PSI max
- 250°F. Max
- 3/8" FPT inlet
- 1/4" FPT outlet



Part
6150



5030 Gun

- 12 GPM max
- 4500 PSI max
- 300° F. Max
- 3/8" FPT inlet
- 1/4" FPT outlet



Part	Model
1740	5030
1733	Kit

HPC 740 Gun

- 7 GPM max
- 4000 PSI max
- 250°F. Max
- 3/8" FPT inlet
- 1/4" FPT outlet



Part	Product
6912	740 gun
6502	Kit



RL30/YG5000 Gun

Trigger design easier pull at high pressures
Larger, more comfortable hand grip space
to accommodate gloves

- 10 GPM max
- 5000 PSI max
- 320° F. max
- 3/8" FPT inlet
- 1/4" FPT outlet



Part	Model
4855	RL30/YG5000
6228	Repair kit

MV925 Karcher Style Gun

- 8 GPM max
- 4500 PSI max
- 320° F. max
- 22mm male in/out



Part	Product
6109	MV925

ST-810 Front Entry

Front inlet design keeps dirty hose away from operator.

- 8 GPM max
- 3050 PSI max
- 320°F. Max
- 3/8" FPT inlet
- 1/4" FPT outlet



Part
1479

ST-1500H Open Gun

Ideal when unloader is unavailable

- 12 GPM max
- 4000 PSI max
- 300° F. Max
- 3/8" FPT inlet
- 1/4" FPT outlet



Part	Model
1291	ST1500H

VEGA/YG4000 Gun

Easy trigger pull. Ergonomically designed hand guard

- 10 GPM max
- 5000 PSI max
- 320° F. max
- 3/8" FPT inlet
- 1/4" FPT outlet



Part	Model
3452	VEGA
3442	Kit

TRIGGER SPRAY GUNS



ST-1500 Top Seller



- Streamline designed to be “universally” comfortable, even for very small hands
- Unitized valve for easy repair
- Stainless steel spring, needle, ball, and seat for chemical resistance

- 10.4 GPM max
- 5000 PSI max
- 300°F max
- 3/8" FPT inlet
- 1/4" FPT outlet



Part	Model
1475	ST-1500
1528	Kit 4000 PSI
5106	Kit 5000 PSI

ST-1500W Weep Gun



Most popular gun for self service car wash applications

Weep allows water to continue flowing after trigger is released. Prevents freezing

- 12 GPM max
- 4000 PSI max
- 300° F. max
- 3/8" FPT inlet
- 1/4" FPT outlet

Part	Model
2324	ST-1500W
2325	Kit 4000 PSI

ST-2000 Big Hand Gun



- Ideal for rental machines
- Easy cartridge valve access
- Takes the heat and abuse

- 10.4 GPM max
- 5000 PSI max
- 300°F max
- 3/8" FPT inlet
- 1/4" FPT outlet



Part	Model
1477	ST-2000
1528	Kit 4000
5106	Kit 5000

ST-2305 Easy Pull!!



The SUTTNER exclusive trigger, reduces Trigger opening force by up to 60% compared to all other rear entry spray guns.

- 12 GPM max
- 5000 PSI max
- 300° F. max
- 3/8" FPT inlet
- 1/4" FPT outlet



Part	Model
4654	ST-2305
4540	Repair kit

ST-2305 Safety Orange Cover!!

The SUTTNER exclusive trigger, reduces Trigger opening force by up to 60% Compared to all other rear entry spray guns.



- 12 GPM max
- 5000 PSI max
- 300° F. max
- 3/8" FPT inlet
- 1/4" FPT outlet



Part	Model
6955	ST-2305
4540	Repair kit

ST-2605 Relax Action

- True over center cam
- Relax action™ trigger reduces pulling force by 40%
- Easiest opening and holding trigger in it's class
- Relax Action™ is designed for operators and applications with longer periods of cleaning time
- Unitized valve for easy repair



- 12 GPM max
- 5000 PSI max
- 300° F. max
- 3/8" FPT inlet
- 1/4" FPT outlet



Part	Model
4539	ST-2605
4540	Repair kit
6792	Ceramic ball kit



DG5010 Spray Gun

- Designed for minimum pressure drop, maximum flow
- Fluorocarbon seals for maximum high temperature
- Large comfortable hand grip to accommodate gloves



- 10 GPM max
- 5000 PSI max
- 300°F. Max
- 3/8" FPT inlet
- 1/4" FPT outlet

Part	Product
6906	Gun
6917	Kit



Spray Guns

Excellent choice for heavy industrial usage



- 10 GPM max
- 5000 PSI max
- 300°F. Max
- 3/8" FPT inlet
- 1/4" FPT outlet



Part	Model	Outlet
1480	21250B	SS
2341	21290C	Steel
1632	Repair kit	

TRIGGER SPRAY GUNS

KEW Style Spray Gun

With bayonet coupler and plug

- 10 GPM max
- 5000 PSI max
- 300° F. max
- 3/8" FPT inlet



Part	Model
6907	KEW w/coupler & plug
6123	Coupler replacement
6140	Plug replacement
6917	Gun repair kit

Stainless Steel Guns

SUTTNER ST-2700

- Stainless steel internal components.
- Suitable for corrosive chemical usage
- "Relax action" trigger and comfort grip
- Unitized valve for easy repair

- 12 GPM max
- 5000 PSI max
- 300° F. max
- 3/8" FPT inlet
- 1/4" FPT outlet



Part	Model
4730	ST2700SS
5609	Standard Repair kit
6792	Ceramic Ball Kit

ST-3300

- Forged stainless steel housing, piston, and seat.
- Special heat and chemical resistant seals
- 27 GPM max
- 2170 PSI max
- 300° F. Max
- 1/2" FPT inlet
- 1/2" FPT outlet



Part
6708

ST-3600 Gun

- Forged stainless steel housing, piston, seat.
- Special heat and chemical resistant seals
- Suttner's highest pressure rated industrial gun.
- 21 GPM max
- 8700 PSI max
- 300° F. max
- 1/2" FPT inlet
- 1/2" FPT outlet



ST-3600 Lance

- Stainless steel construction
- Adjustable handle

- 1/2" MPT inlet
- 1/4" FPT outlet

Part	Product
6714	Gun
6732	39" Lance

Linear/Straight Guns

SUTTNER ST-601

Heavy duty impact trigger guard makes ST-601 an industry standard for telescopic wand manufacturers. Ideal for cleaning vertical & overhead surfaces.

- 12 GPM max
- 4000 PSI max
- 300° F. Max
- 3/8" FPT inlet
- 1/4" FPT outlet



Part	Model
2396	ST-601
1528	Repair kit

YG4500S

Straight spray gun. Insulated handle remains cool at maximum fluid temperature

- 10.5 GPM max
- 4500 PSI max
- 320° F. max
- 3/8" FPT inlet
- 1/4" FPT outlet



Part	Model
6967	YG4500S
6968	Repair kit

High Volume, Low Pressure Guns

YG1732/RL124 Heavy Duty

- Construction of stainless steel & brass
- Trigger operation minimizes fatigue

- 32 GPM max
- 1740 PSI max
- 210°F max
- 1/2" FPT inlet
- 1/2" FPT outlet



Part	Product
3481	Gun

SUTTNER ST2620

For high volume, low pressure machines!

- Hold trigger open with one finger
- Easiest opening & holding trigger

- 21 GPM max
- 1800 PSI max
- 300° F. max
- 3/8" FPT inlet
- 1/4" FPT outlet



Part	Part
6936	ST2620
4540	Repair Kit

TRIGGER SPRAY GUNS

High Volume, Low Pressure Guns

ST2720 Stainless Steel

Ideal for high volume, low pressure applications such as food processing! Stainless steel valve components create a durable, long lasting gun



- 21 GPM max
- 1800 PSI max
- 300° F. max
- 3/8" FPT inlet
- 1/4" FPT outlet

Part	Part
6937	ST2720
5609	Repair Kit



Wash Down Gun **New 2017**

High volume, low pressure for wash down applications in food processing facilities, beverage and brewing plants, agriculture and dairy, kitchen and factories and fire suppression.

- Variable nozzle, trigger controlled
- Adjustable spray pattern from 0° to 60°
- Built in swivel on 1635S



Specifications:

- 350 PSI max
- 16 GPM max
- 195° F. max

Part	Model
7051	YG1635
7052	YG1635S

Chemical Resistant Guns



ST-810 POM

Front entry gun is the best chemical application gun with a stainless steel spring, needle, ball and a poly seat for chemical resistance



- 8 GPM max
- 2000 PSI max
- 320°F. Max
- 3/8" FPT inlet
- 1/4" FPT outlet

Part
6561

Polypropylene Gun

Ideal gun for use in soft wash applications



- 18 GPM max
- 400 PSI max
- 1/2" FPT inlet
- 1/2" FPT outlet
- Stainless steel spring

Part
3826

ST-2315 w/Ceramic Ball



Ceramic ball in valve is highly resistant against nearly all soaps and acids.

Suttner exclusive "relax-action trigger"

- 12 GPM max
- 5000 PSI max
- 300° F. Max
- 3/8" FPT inlet
- 1/4" FPT outlet

Part	Model
6916	ST2315 Gun
6792	Ceramic Ball Kit



YG5000C Gun

Ceramic ball for use with chlorine & acid

- Forged brass body with stainless wetted parts
- Trigger lock to prevent accidental activation



- 10.5 GPM max
- 5000 PSI max
- 320° F. max
- 3/8" FPT inlet
- 1/4" FPT outlet

Part	Model
6418	YG5000C
6425	Repair kit

COMET Jet Spray Gun **New 2017**

Ideal for professional spray applications such as pest control. Adjustable spray from mist to pin point jet.



- Durable teflon seals
- Locking spray handle
- Ergonomic stainless steel grip
- Precision machined
- All metal construction
- 2.5 mm standard spray nozzle
- 800 PSI maximum
- Brass 1/2" FPT hose inlet

Part	Model
7028	SG-PC-025 gun

Plastic Low Pressure Guns

To be used for chemical pre spray, or to spray acids.



- 2 GPM max
- 150 PSI max
- 100° F. Max

Part	Model
4494	Spraying system 1/4" FPT inlet 15"
1633	Spraying Systems 3/8" hose barb inlet
2201	Cone jet angled assembly (4494, 1633)

Hydro Excavating



Compensating Gun New 2017

- Specifically for hydro excavation!
- Exclusive patented GP design
- Reverse inlet and outlet

- 10.5 GPM max
- 5000 PSI max
- 320° F. Max
- 3/8" FPT inlet
- 1/4" FPT outlet

Part	Model
7043	DCG5010HE



Hi flow Straight Gun

- 32 GPM max
- 4050 PSI max
- 31/2" FPT inlet
- 1/2" FPT outlet

Part	Model
3120	YG4032S



Hydro Excavating Nozzle Triple Stream

- Three 0 degree high impact nozzles
- 1/2" FPT connection
- Urethane coated for durability, protection

- 30 GPM max
- 4000 PSI max

Part	Model
7047	HX212 5.0
7048	HX212 6.0
7049	HX212 7.0
7050	HX212 8.0



Hydro Excavating Lances

- 304L Stainless Steel
- 1/2" FPT connection

Part	Model
7044	36" SS Lance (680267)
7045	48" SS Lance (680268)
7046	60" SS Lance (680369)

Guns designed for Safety



Gun with Spring loaded trigger lock New 2017

For consumers who need extra safety features in a spray gun this is for you. When the trigger is released, the trigger is locked off until the lever is manually released by the operator.

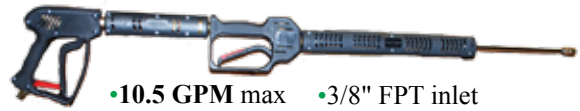
- 10.5 GPM max
- 5000 PSI max
- 320°F max
- 3/8" FPT inlet
- 1/4" FPT outlet

Part	Model
7041	DGE5010SL



Safety Dual Gun Lance New 2017

Dual gun design requires both hands providing operation safety. Spring loaded trigger stop to prevent accidental actuation. Lance swivels to the comfort of the operator



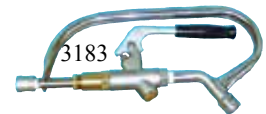
- 10.5 GPM max
- 5000 PSI max
- 320°F max
- 3/8" FPT inlet
- 1/4" FPT outlet
- 47.5" long

Part	Model
7040	2100457

Sioux Walters Steam Guns

Gun valve bodies are stainless steel to resist chemical erosion. Handles are zinc plated for rust prevention.

Has a lever steam valve and barrel swivel. 1/2" inlet, 3/8" swivel outlet



Has lever steam valve and both a barrel and hose swivel. 1/2" inlet, 3/8" outlet



Open gun with barrel swivel. 1/2" inlet, 3/8" outlet



Grip and barrel made of schedule 80 steel.



Economical open gun option with barrel, air cooled grip



Part	Model
3183	Lever control gun swivel outlet
3186	Lever control gun swivel I/O
3184	Open steam gun
3187	Barrel & Grip 36" long
3185	Open Single Piece Gun 44"
4059	Swivel repair
4060	Valve repair

Fan Steam Nozzle 1.5mm

Part	Size
3054	Flat nozzle 1/4" FPT



Round Steam Nozzle

The larger the nozzle number, the smaller the orifice

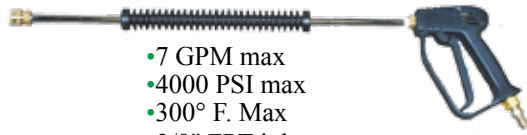
Part	Product
3002	Blank 3/8" mpt (drill your own)
3205	#16 orifice 3 GPM @ 110 PSI
3317	#30 orifice 2 GPM @ 150 PSI
3207	#32 orifice 2.5 GPM @ 175 PSI
3209	#36 orifice 2 GPM @ 200 PSI
3210	#48 orifice 1 GPM @ 150 PSI



GUNS/LANCES

Gun/Lance Combos

Quick connect plug on inlet
Lance extension w/ quick connect socket on outlet



- 7 GPM max
- 4000 PSI max
- 300° F. Max
- 3/8" FPT inlet
- 1/4" FPT outlet

Part	Model
6843	Gun W/ 24" lance
6273	Gun w/ 36" lance
5889	Gun w/ 48" lance

MV2009 Rear Entry w/Extension

- One piece
- 6.5 GPM max
- 3200 PSI max
- 22mm outlet
- 195° F. Max



5539

Part	Model
5527	3/8" FPT Inlet
5539	22mm Male Inlet

Hobby Hose, Gun, Lance Kits



5418

- 1/4"x22mmx22mm hose
- 1 piece gun 22mm I/O w/12" ext.
- Additional 18" pipe extension
- 6.6 GPM max
- 3000 PSI max

Part	Product
6132	Kit w/QC outlet
5418	Kit w/3.5 hi-lo nozzle
6081	Lance w/3.5 hi-lo nozzle

ST1500 w/Bendable-Wand



- ST-10 nozzle protector
- 2250 PSI maximum

Part
6826

RLW40 Dump Gun

Excellent for car washes



- 10.5 GPM max
- 3050 PSI max
- 140° F. Max
- 3/8" FPT inlet
- 1/8" FPT outlet

Part	Model
1046	16"
2375	40"
2376	Kit

NOTE: Trigger will not pull unless under pressure

Freight Saver Lance Extender

Extend a lance to any length with this nickel plated lance collar. Threads inset to make less prone to break (Example: turn a 36" lance into a 72" lance by connecting two 36" wand pipes or molded grip lances.)



Part
6362

Wand Saver

1/4 inset connector with quick change plug. When used to connect wand to gun will help prevent breaking threads.

Part
6461



HPC Round Molded Grip

- 1/4" MPT pipe
- 5000 PSI
- 4 to 1 safety factor



Part	Size
6288	12" Plated Steel
6543	18" Plated Steel
6289	24" Plated Steel
6290	36" Plated Steel
6333	40" Plated Steel
6291	46" Plated Steel
6198	59" Plated Steel
6201	79" Plated Steel
6297	24" Stainless Steel
6298	36" Stainless Steel
6299	4" Stainless Steel
6084	59" Stainless Steel
6085	79" Stainless Steel

mecline Square Molded Grip



- 1/4" MPT pipe
- 4500 PSI max

Part	Size
1398	12" Zinc plate steel
5447	24" Zinc plate steel
1401	36" Zinc plate steel
1402	48" Zinc plate steel
1657	59" Zinc plate steel
1403	79" zinc plate steel

SUTTNER  **Star Shape Molded Grip**

- Use with hot or cold water
- Linear aeration provides continuous air flow between hand and exclusive Suttner "star-shaped" grip
- Grip directly molded on to lance providing protection and strength



- 10.5 GPM max
- 300° F. max
- 1/4" pipe
- 6000 PSI max

Part	Size
5853	12" ST007 zinc plate
1713	24" ST007 zinc plate
1714	36" ST007 zinc plate
1716	47" ST007 zinc plate
1717	59" ST007 zinc plate
1718	79" ST007 zinc plate
6821	36" ST002 stainless
6822	48" ST002 stainless

Vented Grip

Vented grip allows heat to dissipate providing a cooler handle. Easily adjusts anywhere on lance for ergonomic positioning.



- Zinc plated steel
- 6000 PSI max
- 300° F. max
- 1/4" MPT inlet & outlet

Part	Size
3570	24"
2162	36"
2163	47"

HPC **Vented Grip**

Vented grip allows air to pass over the pipe to dissipate heat



- 10.5 GPM max
- 5000 PSI max
- 4 to 1 safety factor
- 300° F. Max
- 1/4" pipe

Part	Size
6767	18" Zinc Plate Steel
6768	24" Zinc Plate Steel
6769	36" Zinc Plate Steel
6770	46" Zinc Plate Steel
6771	59" Zinc Plate Steel
6772	79" Zinc Plate Steel
6773	24" Stainless Steel
6774	36" Stainless Steel
6775	46" Stainless Steel
6776	59" Stainless Steel
6777	79" Stainless Steel

HPC **Non Insulated Pipes**

- 1/4" MPT
- 3000 PSI max.
- 4 to 1 safety factor

Part	Size
1520	12" Plated Steel
4698	18" Plated Steel
3378	24" Plated Steel
1745	36" Plated Steel
2158	46" Plated Steel
2159	59" Plated Steel
2160	79" Plated Steel
4513	24" Stainless Steel
2277	36" Stainless Steel
4514	46" Stainless Steel
3248	59" Stainless Steel
2345	79" Stainless Steel
6462	24" Aluminum
6463	36" Aluminum
6464	47" Aluminum
6465	59" Aluminum
6372	79" Aluminum

Lance Side Handle



Slide over 1/4" non-insulated wand pipe or screw into a vented grip, or use C-clamp style to slide over and tighten onto lance

C-clamp

Part	Product
1536	Slide over
4886	C-clamp

Lance Grips



Molded grip can be used with 1/4" non insulated wand pipe to make molded grip lances, Screws included



Make your own vented grip lances!

Part	Product
2276	Molded Grip 11.75" long
2167	Vented Grip 15" long

Deluxified dual lances equipped with a quick connect socket on high pressure outlet and soap nozzle on low pressure outlet

Dual Lances



- 10.5 GPM max
- 300° F. max
- 1/4" zinc plated steel
- 4100 PSI max



Part	Product
6557	40" MTM Dual lance
6558	MTM Deluxified lance
4582	Valve repair kit

DUAL LANCES

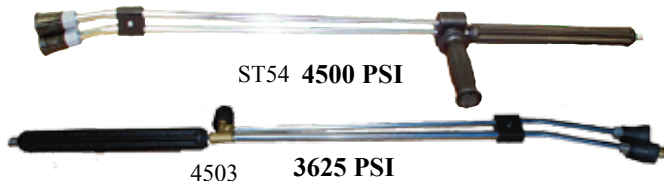
Deluxified dual lances equipped with a quick connect socket on high pressure outlet and soap nozzle on low pressure outlet

SUTTNER Dual Lances

For use when high and low pressures are needed, i.e., spray cleaning agents with low pressure through an injector valve and then cleaning with high pressure.

- 38" long
- 65° #30 Brass soap nozzle
- 10.5 GPM max
- 300° F. max
- 1/4" MPT inlet
- 1/4" FPT outlet

ST-54 protective lip on side handle. Stainless steel internal adjustment rod for longer life. Protective valve cover for added safety



Part	Product
1699	ST-54
4392	ST-54 Deluxe
2326	ST-53
4503	ST-53 Deluxe
3469	ST-54 Repair kit
4243	ST-53 Valve Assembly
5892	ST53 Complete Valve

G Heavy Duty Dual Lances

Provides a convenient method of operating a downstream chemical injection system by turning the insulated adjustable handle. Designed for hot or cold water systems, these lances couple easily to trigger guns and feature a round reinforced polymer insulator mounted to a 1/4" zinc plated steel pipe for comfort and durability.

- 1/8" zinc plated steel pipe
- 1/4" nozzle holders
- 3000 PSI max
- 10.5 GPM max
- 284° F. max



Part	Product
1696	36" Dual lance
4193	36" Deluxified dual lance
1697	72" Dual lance
4393	72" Deluxified dual lance
3112	O-ring & seat repair kit
4331	10007270 Brass Nipple
3117	10007366 shutter
5829	Rubber handle



Stainless Steel Dual Lances

- 10.5 GPM max
- 4000 PSI max
- 302° F, max
- Nozzle protectors standard
- 1/4" stainless steel tubes



Part	Product
3476	40" MTM Dual lance
4502	MTM Deluxified lance
4582	Valve repair kit

mecline Dual Lances

Plastic cover over valve and enlarged nozzle protector for maximum operator comfort and safety

- 10.5 GPM max
- 3650 PSI max
- 302° F. max
- Nozzle protectors standard
- 1/4" stainless steel tubes
- Stainless steel seat



Part	Product
6846	40" AL345
6847	AL345 Deluxified
4840	Valve & handle repair kit

SUTTNER ST-85 Push & Pull lance

For hard to reach applications such as gutters, underneath fender walls, heavy equipment



- Angles from 20° to 90°
- Each desired angle remains stationary until adjusted
- 34" stainless steel
- 3050 PSI max
- 300°F max
- 1/4" FPT I/O

Part	Product
6823	ST-85



Dual Lance w/Trigger

Switch from high to low pressure with a pull of the trigger

- Zinc plated steel
- 3600 PSI max



Part	Product
3707	40" Lance w/trigger

TELESCOPIC WANDS

Anti-fatigue Strap & Belt

Reduce the strain of holding a telescopic wand for extended periods of time.

The Original



Part	Product
4025	Belt & clamp

HPC Bendable Wands

Ideal for washing vehicle wheel areas in car wash.

- 2250 PSI max
- 10 GPM max
- 195° F. Max
- 1/4" MPT inlet & outlet



Part	Product
4411	18" Black
6793	18" Blue
3342	24" Black

McCauley's SPRAY-FLEX

- Work more efficiently, with more control
- Increase job safety while cutting waste
- Spray Flex adjusts up to 90 degrees
- 1/4" FPT x 1/4" MPT
- 210°F. Max

Part	Product
4598	Spray flex 3000 PSI
4599	Spray flex 5000 PSI



Gutter Cleaner

Quick connect to lance to clean gutters or other hard to reach areas. Lance bent to shoot water directly into the gutter with little effort.

Part
6642



The first and only gutter cleaning applicator on the market designed to use almost any all purpose cleaner.

Synthetic lambs wool applicator pad resists wear and tear



Part	Product
6272	Marxoff Gutter Cleaner
6279	Marxoff synthetic Lambswool refill



Telescopic Super Wands

The Giraffe extension wands operate with minimal pressure loss. This means that they may be used with downstream injectors.



- 10.5 GPM max flow
- 4000 PSI max pressure
- 195° F. Max temperature
- 1/4" ID high pressure hose

Part	Product
6364	6'-18' Giraffe
6365	6'-24' Giraffe

Giraffe Replacement Parts

Part	Product
6344	DG4000TS18 complete spray gun 18'
6361	DG4000TS24 complete spray gun 24'
6345	2100001 spray gun repair kit
6348	680129 1/4" hose assembly 18'
6386	680131 1/4" hose assembly 24'
6349	Collett assembly 32mm 1st section 18'
6351	Collett assembly 2nd section of 18'
6385	Collett assembly 1st section of 24' pole
6387	Collett assembly 2nd section of 24'
6401	Collett assembly 3rd section of 24'
6360	2100244 replacement 18' tele-pole
6420	2100245 replacement 24' tele-pole

Giraffe Accessories

Fitted with a 22mm plug for easy attachment to the 22mm connector on the pole outlet, and a 1/4" FPT quick connect for a QC nozzle



SprayFlex Accessory

McCauley Sprayflex attachment for hard to reach areas, without a ladder

Part	Product
6738	Sprayflex kit 3000 PSI

Gutter Cleaner

Blast debris from gutters without a ladder. Angled for direct spray in gutters, down spouts.



Part	Product
6739	Gutter kit

NOZZLE HOLDERS

JROD 4 Way Nozzle Holder

No more wet pockets or lost nozzles!

This handy tool will hold 4 1/4MPT nozzles. Simply quick connect to your single lance. Slide the holder to the nozzle you wish to use. Nozzles sold separately.



Part	Product
6540	JROD Stainless Nozzle Holder

Dual Roll Over Nozzle Holders



No need to stop working to switch from one nozzle to the other. Simply turn over the complete assembly or swivel lance and you have access to two different nozzles.



1/4" FPT inlet/outlet

Part	Product	GPM	PSI	Temp
6038	Suttner ST-56	8.0	3600	300°F



Dual nozzle holder. Turn the lance to move ball from high to low pressure.



Part	GPM	PSI	Temp
6845	10.5	2900	200°F

Adjustable Nozzle Holders



Perfect for cleaning hard to reach areas like inside containers or gutters. Pressure locks nozzle position in place

- Stainless steel
- Adjustable 270°
- 1/4" FPT I/O



Part	GPM	PSI	Temp
6790	10.0	5070	300°F

Twist plastic housing to switch between high & low pressure. Water is dumped around the nozzle to lower pressure.



- 1/4" FPT inlet & outlet
- 300°F. Max



Part	Product	GPM	PSI
6193	TPR50	8.0	3000
1282	GP YADJNOZ	8.0	3600
1013	Suttner ST51-N	8.0	3650

Trombone Valve

Pull the knob on bottom of the valve to change from high to low pressure, push back to return to high pressure.



- 8 GPM max
- 4000 PSI max

Part	Product
6073	1/4FPT inlet x dual 1/4" outlets

Karcher Nozzle Holder



Complete holder is used with flat nozzles for attaching to Karcher style lances.

Part	Product
6087	Nozzle holder

4 QC Nozzle Holder



Plastic nozzle holder that will slide on most 1/4 lances or wand pipes.

Part	Product
6501	Nozzle holder

Nozzle Unclogger

Nozzle opener tool quickly cleans material from nozzle orifice, extending the nozzle life. Brass construction.

Part
6791



Nozzle Protectors

Part	Product
4559	1/4fpt x 1/8 FPT w/ bushing
1306	1/4 FPT x 1/4 FPT w/ bushing



1306

Slip-on Nozzle Protectors

Part	Product
1305	Slip on protector



Soft Edge and Hard Body

Nozzle protection for 1/4" threaded nozzles. Ideal for protecting sensitive surfaces

Part
6938



NOZZLE CHART

	PSI	PSI	PSI	PSI	PSI	PSI	PSI	PSI	PSI	PSI	PSI	PSI	PSI		
	500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
2.0	5.5	4.0	3.5	3.0	2.5	2.5	2.0	2.0	2.0	2.0	1.5	1.5	1.5	1.5	1.5
2.5	7.0	5.0	4.0	3.5	3.0	3.0	2.5	2.5	2.5	2.0	2.0	2.0	2.0	1.5	1.5
3.0	8.5	6.0	5.0	4.0	4.0	3.5	3.0	3.0	3.0	2.5	2.5	2.5	2.0	2.0	2.0
3.5	10.0	7.0	5.5	5.0	4.5	4.0	3.5	3.5	3.5	3.0	3.0	2.5	2.5	2.5	2.0
4.0	12.0	8.0	6.5	5.5	5.0	4.5	4.5	4.0	4.0	3.5	3.5	3.0	3.0	2.5	2.5
4.5	13.0	9.0	7.5	6.5	5.5	5.0	4.5	4.5	4.0	4.0	3.5	3.5	3.0	3.0	3.0
5.0	15.0	10.0	8.0	7.0	6.5	6.0	5.5	5.0	4.5	4.5	4.0	4.0	3.5	3.5	3.0
5.5	20.0	11.0	9.0	8.0	7.0	6.5	6.0	5.5	5.0	5.0	4.5	4.0	4.0	3.5	3.5
6.0	20.0	12.0	10.0	8.5	7.5	7.0	6.5	6.0	5.5	5.5	5.0	4.5	4.0	4.0	4.0
6.5	20.0	13.0	11.0	9.0	8.0	7.5	7.0	6.5	6.0	6.0	5.5	5.0	4.5	4.5	4.0
7.0	20.0	15.0	12.0	10.0	9.0	8.0	7.5	7.0	6.5	6.5	5.5	5.5	5.0	4.5	4.5
7.5	30.0	15.0	12.0	11.0	10.0	8.5	8.0	7.5	7.0	6.5	6.0	5.5	5.5	5.0	4.5
8.0	30.0	20.0	13.0	12.0	10.0	9.0	8.5	8.0	7.5	7.0	6.5	6.0	5.5	5.5	5.0
8.5	10.0	20.0	15.0	12.0	11.0	10.0	9.0	8.5	8.0	7.5	7.0	6.5	6.0	5.5	5.5
9.0	30.0	20.0	15.0	13.0	12.0	11.0	10.0	9.0	8.5	8.0	7.5	7.0	6.5	6.0	5.5
10	30.0	20.0	20.0	15.0	13.0	12.0	11.0	10.0	9.0	8.0	7.5	7.0	6.5	6.0	5.5
11	40.0	30.0	20.0	20.0	15.0	13.0	12.0	11.0	10.0	9.0	8.0	7.5	7.0	6.5	6.5
12	40.0	30.0	20.0	20.0	15.0	15.0	13.0	12.0	11.0	10.0	9.0	8.5	8.0	7.5	7.5
13	40.0	30.0	30.0	20.0	20.0	15.0	13.0	12.0	11.0	10.0	9.0	8.5	8.0	7.5	8.0
14	40.0	30.0	30.0	20.0	20.0	20.0	15.0	13.0	12.0	11.0	10.0	9.0	8.5	8.5	8.0
15	42.5	30.0	30.0	30.0	20.0	20.0	20.0	15.0	13.0	12.0	11.0	10.0	10.0	10.0	9.0
16	45.5	40.0	30.0	30.0	20.0	20.0	20.0	15.0	15.0	15.0	12.0	12.0	11.0	10.0	10.0
17	48.0	40.0	30.0	30.0	30.0	20.0	20.0	20.0	20.0	15.0	15.0	13.0	12.0	12.0	11.0
18	51.0	40.0	30.0	30.0	30.0	30.0	20.0	20.0	20.0	20.0	15.0	15.0	13.0	12.0	12.0
19	53.5	40.0	40.0	30.0	30.0	30.0	30.0	20.0	20.0	20.0	15.0	15.0	15.0	13.0	12.0
20	56.5	40.0	40.0	30.0	30.0	30.0	30.0	20.0	20.0	20.0	20.0	15.0	15.0	15.0	13.0

SPRAYING NOZZLES



1/8" Stainless Steel Nozzles



	0°	15°	25°	40°
2.0	5300	5304	2450	1708
2.5	5301	5305	5186	1710
3.0	5302	5306	2370	5556
3.5	5303	5307		



1/4" MPT Nozzles



	0°	15°	25°	40°
2.0	1827	5267	5268	5269
2.5	1953	1954	1955	2314
3.0	1828	2308	2311	2315
3.5	1829	2309	2312	2316
4.0	1830	1835	1844	1853
4.5	1831	1836	1845	3236
5.0	1832	1837	1846	1855
5.5	1833	1838	1847	1856
6.0	1834	1839	1848	1857
6.5	2303	1840	1849	1858
7.0	2304	1841	1850	1859
7.5	2305	1842	1851	1860
8.0	2306	1843	1852	1861
9.0	5467	5461	5465	6819
10.0	2307	2310	2313	2317



1/8 Meg SS Nozzles



	0°	15°	25°	40°
2.0	2020	2021	2022	2249
3.0	1455	1796	1863	2250
3.5		1045	1043	
4.0	2019	1044	1765	2252
4.5	2240	1762	1766	2253
5.0	2241	1763	1123	1190
5.5	2242	1764	1767	3263
6.0	2243	1862	1864	3264
6.5	2244	2055	2060	1723
7.0	2245	2056	2061	3240
7.5		2057	2062	3241
8.0	2247	2058	2063	3242
8.5	2248	2059	2064	3243
9.0	3254	3255	3256	3257
10.0	3258	3259	3238	3239



1/4 Meg Stainless Steel



	0°	5°	15°	25°	40°	65°
2.0	1170		1151	1768	3235	
2.5			1687	2812		
3.0	1167		1150	1769	1770	4026
3.5	1165		1148	1125	1771	
4.0	1163	4112	1146	1124	1104	3788
4.5	1162		1145	1122	1103	3789
5.0	1161	4290	1143	1121	1102	3790
5.5	1160	3755	1142	1119	1100	3791
6.0	1159	3756	1141	1118	1099	3792
6.5	1158	4280	1140	1117	1098	3793
7.0	1156		1139	1115	1096	3794
7.5	1700		1701	1702	1703	
8.0	1154		1138	1114	1095	3795
8.5	2065		2066	3237	2067	
9.0	1153		1137	1112	1093	
10.0	1152		1136	1111	1092	4027
11.0			1135	1109	1090	
12.0			1132	1108	1089	
13.0			1131	3244	1088	
15.0	6015	4293	1129	1107	1087	
20.0	2227		1128	1106	1086	
30.0	3521		3232	3245	1724	
40.0	3626	2480	3233	3246	2040	
50.0	3780		6111	2364	6074	
60.0	4257	2485	6119	2735	6053	

HPC

1/4 " MPT SS Nozzles



	0°	15°	25°	40°
3.0	4835	6433	5656	6572
3.5	4836	6441	6521	6574
4.0	4837	6508	5850	6677
4.5	4838	4870	5851	4929
5.0	4839	4873	5852	4941
5.5	4841	4874	4898	4950

	0°	15°	25°	40°
2.0	3137	5652	5841	3286
2.5	3161	5811	5846	3321
6.0	4848	4875	4911	4953
6.5	4851	4882	4914	4983
7.0	3322	3426	3518	3607
7.5	3324	3475	3520	3612
8.0	3338	3482	3555	3618
9.0	3412	3515	3572	3625
10.0	3416	3483	3581	3629

Color Coded Quick Change

HPC

1/4"

	0° Red	15° Yellow	25° Green	40° White
3.0	5084	5175	5236	5271
3.5	5085	5177	5237	5275
4.0	5086	5179	5239	5277
4.5	5087	5185	5240	5283
5.0	5088	5187	5241	5284
5.5	5089	5192	5245	5285

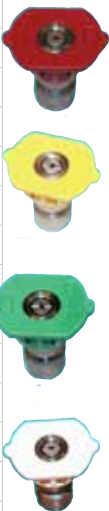


	0° Red	15° Yellow	25° Green	40° White
2.0	4972	4973	4974	4975
2.5	4976	4977	4978	4979
6.0	5090	5228	5248	5309
6.5	4692	4717	4754	4797
7.0	3643	5157	3684	3713
7.5	3649	3662	3685	3714
8.0	3653	3670	3686	3716
9.0	3654	3678	3704	3718
10.0	3656	3679	3711	3721



1/4"

	0° Red	15° Yellow	25° Green	40° White
3.0	5297	5288	5291	5294
3.25	6643	6668	6669	6733
3.5	5263	5264	5265	5266
4.0	1807	1812	1817	1822
4.5	1808	1813	1818	1823
5.0	1809	1814	1819	1824
5.5	1810	1815	1820	1825
6.0	1811	1816	1821	1826
6.5	5298	5289	5292	5295
7.0	5299	5290	5293	5296
7.5	4384	3300	1913	1909
8.0	2149	5011	1888	4157
9.0		5940	2371	5557
10.0	2151	3619	1906	4259



Color Coded Quick Change



Spraying Systems Co.

1/4 Meg

	0° Red	15° Yellow	25° Green	40° White
3.0	6188	1756	1758	1760
3.5	1461	1757	1759	1761
4.0	1085	1076	1060	1584
4.5	1084	1074	1058	1563
5.0	1082	1072	1057	1589
5.5	1081	1071	1055	1585
6.0	1080	1065	1054	1590
6.5	1079	1063	1053	1110
7.0	1078	1062	1049	1591
7.5	1704	1705	1706	1707
8.0	1077	1061	1048	1592
9.0	NA	2620	3910	3911
10.0	2205	2206	2207	2208
12.0	2359	2621	5055	



Packaged Quick Change Nozzles

HPC

5 Pack Poly Bags

0°, 15°, 25°, 40° & 65° soap nozzles

Resealable bag with hole for hanging

Part	Size	Part	Size
5345	3.0	5368	5.0
5346	3.5	5541	5.5
5349	4.0	5899	6.0
5356	4.5		



4 Packs

0°, 15°, 25°, 40° QC nozzle

Part	Size	Part	Size
4378	3.5	3437	5.0
3561	4.0	3438	5.5
3436	4.5	3439	6.0



5 Packs

0°, 15°, 25°, 40°, 65° soap

Part	Size	Part	Size
5623	3.0	5724	5.0
5721	3.5	5725	5.5
5722	4.0	5726	6.0
5723	4.5	5727	6.5



ROTATING NOZZLES

Soap Nozzles

Black Soap Quick Connect



Part	Size
5422	GP 2540
1776	SS 2540
6641	HPC 6540
5287	GP 6540
1720	SS 6540

Brass Soap Nozzles

Part	Product	Size
4958	GP 1/8" MPT	6540
3177	HPC 1/4" MPT	6540
4617	GP 1/4" MPT	6540



Spraying Systems Co. Brass Soap Nozzles



	15°	25°	40°	65°
10.0		1890	1897	3260
15.0		1891	1898	2147
20.0		1892	1197	1014
30.0	3478	1893	1149	1127
40.0		1894	1168	1275
50.0		1895	1899	1901
60.0		1896	1900	1902

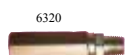
High Pressure Filters

Extend the life of rotating nozzles!

Attach to the inlet of your rotating nozzle to prevent damage



- 8 GPM maximum
- 5000 PSI maximum
- 200° F. maximum
- 100 mesh screen



Part	Product
6321	1/4QC in 1/4MPT out
6320	1/4FPT in 1/4MPT out
5825	1/4 MPT in 1/4 MPT out
5397	3/8" MPT in 3/8FPT out
6016	Kit 6321, 5825, 6320



- 6000 PSI maximum
- 300° F. maximum



Part	Product
5168	1/4QC in 1/4MPT out
5166	1/4FPT in 1/4MPT out
5178	Kit 5168 & 5166



Turbo Nozzles

ST-357

- 3625 PSI
- 190°F maximum
- 1/4" FPT inlet



Nozzles

Part	Size	Seat
4584	3.0	Yellow
4109	3.5	Violet
4303	4.0	Brown
4304	4.5	Lt. Green
4305	5.0	Black
4306	5.5	Lt. blue
4307	6.0	Red

Kits

Part	Size
5357	3.0
4385	3.5
4386	4.0
4387	4.5
4388	5.0
4389	5.5
4390	6.0

ST-456

- 5000 PSI
- 200°F maximum
- 1/4" FPT inlet



Nozzles

Part	Size	Seat
6454	3.0	Yellow
6455	3.5	Violet
6456	4.0	Brown
6457	4.5	Lt. green
6466	5.0	Black
6467	5.5	Lt. blue
6468	6.0	Red

Kits

Part	Size
6471	3.0
6472	3.5
6486	4.0
6490	4.5
6491	5.0
6492	5.5
6498	6.0

ST-457

- 6000 PSI
- 212°F maximum



Nozzles

Part	Size	Seat
5253	3.0	Yellow
5254	3.5	Violet
4555	4.0	Brown
4556	4.5	Lt. green
4567	5.0	Black
4557	5.5	Lt. blue
4558	6.0	Red
4560	7.0	Pink
4641	8.0	Green
4656	9.0	
4645	10.0	Grey

Kits

Part	Size
5255	3.0
5014	3.5
4568	4.0
4561	4.5
4562	5.0
4563	5.5
4564	6.0
4566	7.0
4647	8.0
4657	9.0
4651	10.0

ROTATING NOZZLES

Roto-Jet Rotating Nozzles

3700 PSI 212°F maximum

Nozzles

Part	Size
5190	3.0
4811	3.5
4800	4.0
4801	4.5
4802	5.0
4803	5.5
4804	6.0

Kits

Part	Size
5189	3.0
4805	3.5
4806	4.0
4807	4.5
4808	5.0
4809	5.5
4810	6.0



4500 PSI 212°F maximum

Nozzles

Part	Size
6012	3.5
6013	4.0
6014	4.5
6020	5.0
6021	5.5
6096	6.0
6117	7.0

Kits

Part	Size
5934	3.5
5939	4.0
5942	4.5
5945	5.0
5946	5.5
5949	6.0
5983	7.0



5800 PSI 200°F maximum

Nozzles

Part	Size
4812	4.0
4813	4.5
4814	5.0
4815	5.5
4816	6.0
4817	7.0
4818	8.0
4794	9.0
4819	12.0
4844	15.0

Kits

Part	Size
4820	4.0
4821	4.5
4822	5.0
4823	5.5
4824	6.0
4825	7.0
4826	8.0
4789	9.0
4827	12.0
4849	15.0



Rotating Nozzles

NOTE: Rotating nozzles should be started with the nozzle pointing to the ground, preventing This damage to the ceramic orifice. Use of a high pressure filter is recommended

Rotating Nozzles



- 1/4" FPT Inlet
- 212°F maximum

3650 PSI

Part	Size
6167	3.0
6724	3.5
6725	4.0
6722	4.5
6709	5.0

Part	Size
6723	5.5
6112	6.0
6225	7.0
6230	8.0



5100 PSI

Part	Size
5669	3.0
5670	3.5
5671	4.0
5672	4.5
5673	5.0

Part	Size
5674	5.5
5675	6.0
5676	7.0
5677	8.0



Kits

Note: Kits will fit both 3650 & 5100 nozzles.

Part	Size
6166	3.0
6726	3.5
6727	4.0
6728	4.5
6575	5.0

Part	Size
6729	5.5
6581	6.0
6720	7.0
6721	8.0



DK Nozzles

- Spins faster than IDK
- 180°F maximum
- 3200 PSI maximum
- 1/4" FPT inlet

Nozzles

Part	Size	Dot
4711	3.0	White
1030	3.5	Orange
1034	4.5	Yellow
1032	5.5	Black
3005	7.0	Blue

Kits

Part	Size
4712	3.0
1029	3.5
1033	4.5
1031	5.5
3008	7.0



ROTATING NOZZLES



IDK Nozzles

- Spins slower than DK
- Produces greater impact
- Used for water blasting
- Heavy duty cleaning
- 4700 PSI maximum
- 200°F maximum
- 1/4" FPT inlet



Nozzles

Part	Size	Dot
3968	3.5	Orange
6697	4.0	Yellow
1691	4.5	Green
1039	5.5	Black
3006	7.0	Blue
1036	8.0	Red
3007	10.0	Brown

Kits

Part	Size
3432	3.5
6698	4.0
1692	4.5
1038	5.5
3009	7.0
1035	8.0
3010	10.0

KranzleUSA Vario-Jet Hi-Lo



- 0° to 80° fan pattern
- 2900 PSI maximum
- 10.5 GPM maximum
- 176°F. maximum
- 1/4" FPT inlet

Part	Size	Dot
2282	4.5	Yellow
2283	5.5	Black

mecline Hi/Low Variable Nozzles

- 3200 PSI maximum
- 8 GPM maximum
- 0° to 80° fan pattern
- 300°F. maximum
- 1/4" FPT inlet



Part	Size	Dot
1000	3.5 1.1mm	White
1001	4.0 1.2mm	Blue
1002	4.5 1.3mm	Orange
1003	5.0 1.35mm	Lt. Green
1004	5.5 1.45mm	Black
1005	6.0 1.5mm	Gray

VIPER Rotating Nozzle



- Quick, easy field repairs
- 5000 PSI maximum
- 190°F. Maximum
- 1/4" FPT inlet

Part	Size
4830	4.5 nozzle
4831	5.5 nozzle
4939	4.5 Repair kit
4940	5.5 Repair kit

Hydro Hi/Low Variable Nozzles



- 1/4" FPT inlet
- 3000 PSI maximum
- 300°F. maximum



Part	Size	Dot
6531	3.0 (1.1mm)	White
6532	3.5 (1.2mm)	Yellow
6533	4.0/4.5 (1.3mm)	Orange

Rotomax Rotating Nozzles



- 3500 PSI maximum
- 176°F maximum
- 1/4" FPT inlet

Part	Product	GPM
1413	#1 Red	2.1-2.6
1414	#2 Blue	2.6-4.2
1415	#3 Black	4.5-5.5
1185	Repair kit	
3333	Rotor	
3308	#1 orifice	
3311	#2 orifice	
3309	#3 orifice	
1869	Ceramic seat	
5997	Ceramic tip	

IPA Hi/Low Variable Nozzles



- 4050 PSI maximum
- 10.5 GPM maximum
- 0°-80° fan pattern
- 195°F. maximum
- 1/4" FPT inlet



Part	Size	Dot	Part	Size	Dot
1792	3.0	White	4982	5.0	Purple
3850	3.5	Brown	2410	5.5	Red
2408	4.0	Yellow	2411	6.0	Green
2409	4.5	Blue	5555	8.0	Silver



Long Range Nozzle

The X-jet propels chemicals or other liquids to vertical heights of 40 feet

Kit includes:

X-Jet long range nozzle, low pressure close range nozzle, quick connect plug, 15 piece proportioner set, mushroom strainer, and 15 ft X-Jet suction hose with hose barb.



Part	Nozzle
6718	#9 X-Jet nozzle 2000-3000 psi
6046	#13 X-Jet Nozzle 3000-4000 psi
6719	#16 X-Jet nozzle 4000-5000 psi
1489	Pkg. color coded proportioners
5282	#7 orifice for X-jet nozzle
5342	#9 orifice for X-jet nozzle
3419	#13 orifice for X-jet nozzle
5348	#16 orifice for X-jet nozzle
2837	15' detergent hose assembly



M5 works just like the original X-Jet, but the close range nozzle is replaced by a built-in adjustable nozzle that projects chemicals or other liquids to vertical heights up to 40 feet at 0° setting or 8 ft. at 60° with just a twist.



Part	Nozzle
6765	#9 M5 JET Deluxe variable nozzle
6245	#13 M5 JET deluxe variable nozzle
6766	#16 M5 JET deluxe variable nozzle
2837	15' detergent hose assembly
2978	M5 Jet variable replacement nozzle



Adjustable Downstream Soft Wash Nozzle



Simply "TWIST" the nozzle for 0 to 60 degree spray patterns. No more switching tips to get different spray patterns.

Apply detergent and rinse up to 4 stories high when used in conjunction with your pressure washer's soap injector. When ready to rinse simply remove your chemical hose from your cleaning solution. Recommended to keep pressure hose less than 100 feet in length.

Part	Nozzle
7013	2-3 GPM shoot up to 40 feet
7019	3-7 GPM shoot up to 50 feet
7020	7-12 GPM shoot up to 60 feet



The Soap Shooter

Shoots soap up to 3 stories

- For use with lance or extension wand
- Adjustable chemical feature
- Chemical can be stopped
- 5000 PSI maximum
- Chemical does not go through pump
- Kit includes 30 ft. hose, nozzle and filter



Part	GP	Size
6568	100145	4.0
6576	100146	4.5
6578	100147	5.0

HPC Professional Foam Jet Kit

Spray dense high pressure foam up to 33 feet. Adjustable air intake to regulate chemical intake.

- 5000 PSI maximum
- 5.6 GPM maximum
- 140°F. maximum
- 1/4" FPT inlet
- 3.5, 5.0, 6.5 orifices



SUTTNER ST75 Foam Nozzle



In conjunction with a downstream or high pressure injector this *airless* nozzle will produce thick foam over a wide range quickly. Connect to the outlet of your gun or lance.

- With stainless steel "wool" type foam pad.
- Air take in front of nozzle
- 212° F. maximum
- 4000 PSI maximum



Part	Product
4624	2.5 to 4.0 GPM
4768	2.5 to 4.0 GPM Food Grade
4762	4.0 to 5.0 GPM
4141	4.0 to 5.0 GPM Food Grade
2902	Stainless Steel wool pad
5653	ST-60 Downstream Injector
4508	St-64 High Pres Inj to 4gpm
4569	ST64 High Pres Inj over 4gpm

ST72 Foam Lance

Upstream or downstream injector, allows cleaning agents or disinfectants to be applied evenly over a large surface. Stainless steel construction ideal for **food grade applications**.



- Color indicator on handle
- 900 PSI maximum
- 300°F maximum
- 1/4" FPT inlet

Part	Size	GPM
5405	25" Green collar	1.0-2.9
5974	25" Yellow collar	2.9-3.9
5975	25" Blue collar	3.9-5.0

FOAMING/SEWER NOZZLES



Foam Nozzle

- Dispense thick clinging foam to any surface
- Excellent for cutting animal fats

- 6.6 GPM maximum
- 140°F. Maximum
- 2845 PSI maximum
- 1/4" FPT inlet



1654

Part	Product
1655	Nozzle w/Bottle
1654	Nozzle only
2452	Bottle only

HPC Foam Nozzle



Produce thick rich foam under high pressure. Adjustable air intake

- 5.3 GPM maximum
- 5000 PSI maximum
- 140°F. maximum
- 1/4" FPT inlet

Part	Product
6682	Nozzle w/liter bottle

SUTTNER ST73 Foamer



Features:

- 3625 PSI, highest in industry
- 5.2 GPM maximum
- 175°F. maximum
- Metering valve for 5 mix positions
- Stainless steel, non-corrosive injector

Benefits:

- Reduces chemical use up to 50%
- Adheres to surface longer for thorough cleaning

Part	Size
6981	32 oz Foamer



Sewer Nozzles

1 forward, 3 backward orifices

Part	Size	Inlet	Part	Size	Inlet
6353	4.0	1/8"	5315	12.0	1/4"
6354	5.0	1/8"	6352	4.5	3/8"
5938	6.0	1/8"	5388	5.5	3/8"
6210	4.5	1/4"	6213	6.5	3/8"
6355	5.5	1/4"	5635	8.0	3/8"
6209	6.5	1/4"	5313	12.0	3/8"
6200	8.0	1/4"	5314	14.0	3/8"

SUTTNER Rotating Sewer Nozzles

Rotating style adds extra agitation to clear debris

4000 PSI maximum



Part	Size	Inlet
2372	5.5	1/8"
2373	5.5	1/4"
2374	8.0	1/4"



Foot Valves



Foot controlled valves allow both hands to be free to control the sewer hose pulling hose back and forth to flush pipes

- Pedal and valve are in protective housing
- Inlet and outlet are positioned to help keep hose out of the way

- Uses the ST-2305 spray gun as a control valve
- Heavy gauge steel construction for durability and stability

Part	Product	GPM	PSI
3473	Foot valve (yellow)	8.0	3000
3474	Repair kit for 3473		
6040	Foot Valve w/ST2305	12.0	5000
4540	Repair kit for ST-2305		



Sewer Hoses



Durable thermoplastic construction is flexible and light weight for cornering around elbows. Smooth surface cover allows easy access through drain pipes and sewer lines

Part	ID	PSI	Length	Temp	Fittings
2560	1/8"	2900	50'	140°	1/8x1/4
2561	1/8"	2900	100'	140°	1/8x1/4
6217	1/4"	4350	50'	212°	1/4x1/4
6215	1/4"	4350	100'	212°	1/4x1/4



ST36 Sludge Pump

Empty rain water from construction sites, clean up chemical spills or remove slurry from a car wash bay at an 11:1 ratio.

1/4" MPT outlet



Quick connect not attached

Part	Nozzle
2385	4.0 pump, qc plug, clamp
2386	4.5 pump, qc plug, clamp
2387	5.0 pump, qc plug, clamp
2388	5.5 pump, qc plug, clamp
2389	6.0 pump, qc plug, clamp
2395	ST36 pump only
4015	20' Spiraflex 1-1/2"



Manhole Cleaner

Clean manholes and get cleaning results like never before. Made of stainless steel with a guard plate for extra protection



- Inlet: 1/2" FPT
- Pressure: 5100 PSI
- Temperature: 250° F.
- 2 1/8" nozzles (not included)

Part	Mos #	Size
6520	81.047	16"

DUCT CLEANERS/INJECTORS

TYR Cleaners

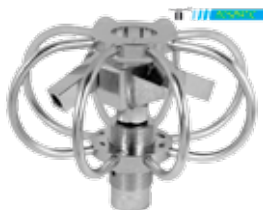
The use of the TYR rotating cleaner is practically limitless, chimney, garbage disposal, drains, ducts, vents, outlets, containers, porta johnnies, etc.

- 4000 PSI maximum
- 250°F maximum
- 3/8" FPT inlet
- 2000 RPM maximum
- 15° 1/8" spray nozzles (sold separately)

Adjustable Arm

Allow different spray angles
Perfect for 360° cleaning

Part	Mos	Size
6854	81.506	3"
6855	81.526	6"
6856	81.556	12"
6857	81.566	16"
6858	81.576	20"
6859	81.586	24"



FIXED ARM

- Perfect for vertical chutes

Part	Mos #	Size
6848	81.406	3"
6849	81.426	6"
6850	81.456	12"
6851	81.466	16"
6852	81.476	20"
6853	81.486	24"



TYR Mobile Duct Cart

- For Horizontal duct cleaning.
- Can be used with all duct cleaners

Part	Product
6860	12" & 16" Duct
6861	20" & 24" Duct



TYR Hook

For pulling your duct cleaner through duct.

Part	Product
5273	Hook



Downstream Injectors



High Draw Acid

- Up to 20% draw
- 4500 PSI max
- 190° maximum
- 3/8" mpt inlet/outlet
- 1/4" hose barb chemical port
- Adjustable

Part	Injector	GPM
5786	1.8 mm	2-3
5668	2.1 mm	3-5
5730	2.3 mm	5-8
1966	Repair Kit	
3845	Ceramic Ball	



High Draw Chemical Adjustable

- 20% Hi draw/mix ratio
- 3600 PSI maximum
- 300°F. maximum
- 3/8" MPT inlet/outlet

Part	Injector	GPM
6634	1.8 mm	2-3
6635	2.1 mm	3-5
6636	2.3 mm	5-8



Acid Adjustable

- Up to 20% draw rate
- 3000 PSI maximum
- 180° maximum
- 3/8" mpt inlet/outlet
- 1/4" hose barb chemical port

Part	Injector	GPM
1958	1.8 mm	2-3
1959	2.1 mm	3-5
1960	2.3 mm	5-8
1966	Repair kit	



ST-62 Injector

- Adjustable orifice size 2 to 8 GPM
- Siphon rate approximately 10:1
- 194°F. maximum
- 3/8 FPT inlet & outlet
- 1/4" hose barb

The ST-61 metering valve connects to the chemical inlet barb without special tools. Chemical flow can be metered and shut off remotely from the injector with ST-66.

Part	Product
1719	ST-62 Injector
1956	ST-61 Meter Valve
2381	ST-66 Dual Meter
3470	ST-62 Repair Kit



Robokim Adjustable

- 210°F maximum
- 3200 PSI maximum

Part	Injector	GPM	In/Out
2041	#0 Robo	2.1-2.9	3/8mpt
2042	#1 Robo	2.9-4.0	3/8mpt
2043	#2 Robo	4.0-5.6	3/8mpt
2044	#3 Robo	5.6-10	3/8mpt
1270	Chem Kit		
3846	Acid Kit		
3845	Ceramic Ball		



Chemical Adjustable

195°F max.

Part	Orifice	GPM	In/Out
3140	1.5 mm	1-2	3/8 mpt
2209	1.8 mm	2-3	3/8 mpt
2210	2.1 mm	3-5	3/8 mpt
2211	2.3 mm	5-8	3/8 mpt
2222	Repair		



INJECTORS



Adjustable Chemical



Part	Orifice	GPM	In/out
6151	1.8mm	2-3	3/8 mpt
6152	2.1mm	3-5	3/8 mpt
6153	2.3mm	5-8	3/8 mpt



Part	Orifice	GPM	Inlet	Outlet
6154	1.8mm	2-3	3/8fpt	3/8mpt
6155	2.1mm	3-5	3/8fpt	3/8mpt
6156	2.3mm	5-8	3/8fpt	3/8mpt



High Draw Fixed

- Up to 20% draw rate
- 4500 PSI maximum
- 190° maximum
- 3/8" mpt inlet/outlet
- 1/4" hose barb chemical port



Part	Injector	GPM
5188	1.8 mm	2-3
6740	2.1 mm	3-5
6741	2.3 mm	5-8
1966	Repair	Kit



High Draw Fixed

- 20% mix ratio
- 3600 PSI maximum
- 300°F. maximum
- 3/8" MPT inlet/outlet



Part	Injector	GPM
6631	1.8 mm	2-3
6632	2.1 mm	3-5
6633	2.3 mm	5-8



Chemical Fixed Injectors

- 210°F maximum
- 3200 PSI maximum

MV410 Series

3/8" FPT inlet & 3/8" MPT outlet



Part	Orifice	GPM
6160	1.8mm	2-3
6161	2.1mm	3-5
6162	2.3mm	5-8

MV400 Series

3/8" MPT inlet & outlet



Part	Orifice	GPM
6157	1.8mm	2-3
6158	2.1mm	3-5
6159	2.3mm	5-8



Chemical Fixed Injectors

3/8" MPT inlet & outlet



Part	Size	GPM
2366	1.8mm	2-3
2367	2.1 mm	3-5
2368	2.3 mm	5-8
2222	Repair	Kit

Injector Kits

- Adjustable injector
- Quick connect in & out
- 4000 PSI maximum
- 4 feet clear vinyl tubing
- Strainer w/ check valve

Chemical Injectors

Part	Injector	GPM
2212	1.8 PA	2-3
2214	2.1 PA	3-5
2216	2.3 PA	5-8



Acid Injectors

Part	Injector	GPM
5398	1.8 GP Hi Draw	2-3
5421	2.1 GP Hi draw	3-5
5478	2.3 GP Hi Draw	5-8
2178	1.8 JE Adams	2-3
2179	2.1 JE Adams	3-5
2180	2.3 JE Adams	5-8



Robokim QC Injector Kits

Part	Injector	GPM
2193	#0 kit	2.1-2.9
2194	#1 kit	2.9-4.0
2195	#2 kit	4.0-5.6
2196	#3 kit	5.6-10.8



Chemical Quick Injectors

Streamline your combination injector/quick connect assembly. Built-in 3/8 socket and 3/8 plug save you money on labor for assembly. 10% draw.



- 3000 PSI maximum
- 190°F maximum
- 1/4" inlet port

Part	Injector	GPM
4603	1.8mm Chemical	2-3
4604	2.1mm Chemical	3-5
4605	2.3mm Chemical	5-8
5452	Chemical Repair Kit	



Hi Pressure Injector

Upstream Injector

If you like the way soap is applied at a self-service car wash, this accessory is for you! Introduce detergents into the water system before the pump for high pressure applications. On-off feature helps prevent pump cavitation.



- Chemical hose & strainer
- 160° F. maximum
- 3/4" FGH inlet/3/4 MGH outlet

Use of a pressure reducing valve is recommended

Part	Nozzle
4508	ST-64 1.5-4.0 GPM
4569	ST-64 over 4.0 GPM
6887	Pressure reducing valve



Sand Blast Kit

For light to medium duty



Kit Includes:

- Carbide Nozzle
- 8 GPM maximum
- 3650 PSI maximum
- 190°F. maximum
- 25' of 1/2 polybraid hose
- 18" wand pipe w/qc plug
- Sand Probe

Part	Product
2340	3.5 Kit
2642	4.5 Kit
2643	5.5 Kit
2644	6.0 Kit
3377	Brass Nozzle Body
2645	Carbide Tip
4902	3.5 Orifice
4909	4.5 Orifice
4928	5.5 Orifice
4930	6.0 Orifice
4938	7.0 Orifice

Industrial Sand Blast Kit



Heavy duty industrial grade sand blast kit. Will remove coatings from almost any surface. Can be used on metal, heavy graffiti accumulations, and for paint preparation.

Best if operated at 4GPM @ 3000 PSI to 8GPM @ 5000 PSI

Use 1/4" 5 degree nozzles (not included)

Part	Item
4009	Sand Blast Kit
6503	Replacement nozzle



"Deluxified" Industrial Sand Blaster

This upgraded industrial sand blast kit includes everything you will need to attach the unit to your pressure washer.



Complete Kit Includes:

- 1 piece tungsten carbide nozzle
- 18" wand pipe with side handle
- Cast aluminum mixing body with gasket
- Sand Probe
- 20' of 3/4" Spiroflex hose
- Hose clamps
- 3 1/4" five degree spray nozzles sizes 4.0, 5.0, and 5.5
- 22mm socket and nozzle to mount solidly to the outlet of the spray gun. (Gun not included)
- Installation, instruction, and parts break down manual

Part	Product
4700	Sand blast kit

Replacement Parts

Part	Product
6503	Tungsten carbide nozzle 1 piece
5713	Mixing body cast aluminum
3879	Sand probe
5044	Orifice adapter
3749	Sandmizer Valve
5053	Thumb Screw
6350	Gasket
3111	20' Spiraflex Hose 3/4"
4698	18" Steel Wand Pipe 1/4" mpt
1536	Side Handle for 1/4" pipe
4112	1/4 meg Five Degree 4.0 Nozzle
4290	1/4 meg Five Degree 5.0 Nozzle
3755	1/4 meg Five Degree 5.5 Nozzle
6315	22mm Plug x 1/4" FPT
6312	22mm Coupler x 1/4" M
2123	3/4 hose x 3/4 MPT Barb
4499	Hose Clamp #8

Sand Usage Chart

Removal of	Sand mesh	Sand Type	Blasting Angle
Rust	16/50	Angular	0-25°
Metal Scale	20/40	Round	0-15°
Paint from wood smooth cut effect	20/40	Round	1-10°
Paint from wood rough cut effect	40/60	Round	1-10°
Paint from masonry	20/40	Round Silica	0-20°
Paint from metal	20/40	Round Silica	0-30°

BALL VALVES

Metering Valve



- 1/4" FPT ports
- 4000 PSI maximum
- 300° F. maximum

Part	Product
1296	Metering valve

Mini Metering Valve

Precise metering



- 350 PSI maximum
- 100° F. maximum
- 1/4" FPT ports
- 3 GPM maximum

Part	Product
2464	Mini valve

Plastic Ball Valves



- 125 PSI maximum
- NSF listed
- Viton seals

Part	Size
4600	1/4" hose barb
4401	3/8" hose barb

Mini Ball Valves



- 1/4 turn handle
- 450 PSI maximum
- 356° F. max @ 142 PSI
- 212° F. max @ 355 PSI
- Nylon Handle

Part	Size
3934	1/4" FPT
3932	1/4" FPT x 1/4" MPT
3946	3/8" FPT
3933	3/8" FPT x 3/8" MPT

Low Pressure Ball Valves



- 600 PSI maximum
- Brass
- Full port

Part	Size
2141	1/4" FPT
2142	3/8" FPT
2143	1/2" FPT
2144	3/4" FPT
3992	1" FPT
3993	1-1/4" FPT
3999	1-1/2" FPT

3 Way Ball Valves

Used for fuel, oil, water, air, gasoline and detergent



Part	Size
4524	1/4" FPT 200 PSI
4525	3/8" FPT 200 PSI
4731	3/8" FPT 7000 PSI
4192	1/2" FPT 200 PSI
4721	1/2" FPT 7000 PSI

Heavy Duty Ball Valves



- Nickel plated brass
- 3050 PSI maximum
- 300° F. maximum
- Metal handle
- Teflon Seals

Part	Size
6292	3/8" FPT
6293	1/2" FPT

High Pressure Ball Valves



- 7000 PSI max.
- Zinc plated steel
- NOT to be used w/solvents.

Part	Size
2517	1/4" fpt not full port
4997	3/8" fpt Full Port
4998	1/2" fpt Full Port
3836	Replacement handle

Stainless Steel Ball Valves

- 1000 PSI rating (W.O.G.)
- Teflon® seals and seat for smooth operation
- -60° to 450° F. operating temperature
- Full Port



Part	Size
6104	1/4" FPT
6114	3/8" FPT
6120	1/2" FPT
6121	3/4" FPT

- 2000 PSI maximum
- 90° F. max @ 2000 PSI
- 304 Stainless Steel
- Full Port



Part	Size
4064	1/4" FPT
4065	3/8" FPT
4066	1/2" FPT
4067	3/4" FPT



- 6000 PSI maximum
- 300° F. maximum
- 304 Stainless Steel
- Teflon seals



Part	Size
6366	1/4" FPT
6367	3/8" FPT Full Port
6368	1/2" FPT Full Port

Unloaders Made Ready (UMR) Kits

Take the guess work out of replacing a worn unloader.

- Unloader
- Inlet filter
- QC discharge
- Thermal relief
- Push on hose barb
- Roll of teflon tape
- Bypass hose
- Installation sheet



Components not connected

Part	Unloader	GPM	PSI	Inlet	Outlet
4900	VR54	8.0	2900	3/8F	1/4F
5553	VRT3-160	7.8	2320	3/8F	1/4F
5402	VRT3-160	7.8	2320	1/2F	3/8F
4254	VR54	8.0	2900	1/2F	3/8F
4927	VR56	8.0	3625	1/2F	3/8F
5233	VRT3-250	7.8	3650	1/2F	3/8F
4642	VRT3-310	7.8	4500	1/2F	3/8F
6174	VRT3-310EZ	7.8	4500	1/2F	3/8F
6128	VHP39-EZ	11.0	5000	1/2F	3/8F

Unloader Blocks

Attach unloader to pressure washer frame to lessen vibration and extend unloader life.
4000 PSI maximum

Part	Size
6317	3/8" FPT Brass
6318	1/2" FPT Brass
6784	3/8" FPT steel
6785	1/2" FPT steel



mecline VRT3 Pressure Actuated

- 7.8 GPM maximum
- 194°F. maximum
- Dual 3/8" FPT inlet
- 3/8" FPT outlet
- Dual 3/8" FPT bypass

Part	Model	Spring	PSI
5483	160	Yellow	2320
5056	250	Blue	3650
5057	310	Black	4500
4518	310EZ	Black	4500



VRT3 w/Injector

Unloader has 2.1mm injector, ez start valve and thermal relief valve

Part	Model	Spring	PSI
5058	310	Black	4500



VRT3 w/pressure switch

Part	Model	Spring	PSI
5882	250	Blue	3650
6818	310	Black	4500



Repair Kits

Part	Model
5126	Repair kit VRT3-160&250
5137	Repair kit VRT3-310

VRT100 High Flow

- 26 GPM maximum
- 1/2" FPT inlet, outlet, bypass
- Multi-gun usage

Dual Bypass

Part	Model	Spring	PSI
6895	190D	Yellow	2465
6807	330D	Blue	4640

Single Bypass

Part	Model	Spring	PSI
6330	190	Yellow	2465
6331	330	Blue	4640



VR54 Pressure Activated

- Hexagonal check valve
- Easy maintenance
- Adjustment ring nut
- 8GPM
- 194°F. max
- 2900 PSI max
- 3/8 MPT inlet
- 3/8 MPT outlet
- 3/8 FPT bypass

Part
6961



VR56 Pressure Activated

- Hexagonal check valve
- Easy maintenance
- Pressure gauge port
- 8GPM
- 194°F. max
- 3625 PSI max
- 3/8 MPT inlet
- 3/8 MPT outlet
- 3/8 FPT bypass

Part
6706



VRS3 Pressure Activated

- Hexagonal check valve
- Safety lock
- Bottom inlet
- 8GPM
- 194°F. max
- 3600 PSI max
- 3/8 FPT inlet
- 3/8 FPT outlet
- 3/8 FPT bypass

Part
6983



VHP 39

- 5650 PSI
- 10.5 gpm
- 190°F. maximum
- Dual Inlet 3/8" FPT
- Outlet 3/8" FPT
- Dual Bypass 3/8FPT

Part	Unloader	Spring
6378	VHP 39	Black
6817	VHP 39EZ	Black



UNLOADERS



Zeromatic 83 Multi-Gun



- 10 GPM max
- 3600 PSI max
- 190°F max
- Dual 1/4" ports
- Inlet 1/2FPT
- Outlet 3/8MPT
- Bypass 1/2"FPT

Part	Product
6646	AR2907
6649	1830 kit



ST-261



Can be panel mounted

- 8 GPM max
- 3625 PSI max
- 176° F. max
- 3/8" FPT in/out
- 1/4" FPT bypass

Part	Model
1396	ST-261
4655	Valve Kit 200261526
5661	Kit "A" 200261528
5660	Kit "F" 200060720
5374	Panel mount nut

ST-261 Tamper Proof



Ideal for rental machines
Preset unloader. Put on cover, can't be readjusted.

Part
6824

ST-261 w/Injector



Built-in down stream (venturi type) injector with built in orifice more precise siphon rate

Part	Injector
1452	1.8mm
1453	2.1mm
1397	2.4mm
3470	Kit

ST-261 w/pressure switch



With 110 volt micro switch

Part	Model
2379	ST-261 with switch
3847	Sswitch assembly

ST-280 Pressure



- 8 GPM maximum
- 4060 PSI maximum
- 176°F. maximum
- 3/8" FPT inlet
- 3/8" FPT outlet
- 1/4" FPT bypass

Part	Model
3710	ST-280
5662	Kit "C"
5663	Kit "D"

ST-291 Pressure



- 3/8" FPT inlet
- 3/8" FPT outlet
- 1/2" FPT bypass
- 8 GPM maximum
- 5070 PSI maximum
- 176°F. maximum

Part	Product
6647	ST-291
6648	ST-291 w/switch



Pulsar 4 Pressure Actuated



- 10.5 GPM maximum
- Hexagonal piston replaces roll pin on stem
- Bypass fitting ball always in axis with seat
- Larger porting throughout to allow higher flow

- 10.5 GPM maximum
- 4000 PSI maximum
- 194°F. maximum
- 3/8" FPT in/out
- Dual 3/8" FPT bypass

EZ model must be installed vertically

Part	Model
6437	Pulsar 4KHP
6438	Pulsar 4 EZ
6439	Repair kit

Pulsar 4 w/pressure switch



- 8 GPM max
- 3650 PSI max
- 195°F. max
- 3/8" FPT in/out
- 3/8" FPT bypass
- 1/4" FPT gauge

Part
6440

YVB9KMS2 w/pressure switch



- 10.5 GPM maximum
- 4000 PSI maximum
- 195° maximum
- 3/8" FPT in/out
- Dual 3/8" FPT bypass

Part
5406

VB3K Pressure



- Minimum PSI down to 323 PSI

- 6.5 GPM maximum
- 195°F. maximum
- 3/8" FPT bypass
- 4107 1/4" gauge port

Part	Model	Inlet	Outlet	PSI
4107	YVB3KA	3/8" MPT	3/8" MPT	3200
6017	YVB3KTT	1/4" MPT	3/8" MPT	3650



22760A

- 8 GPM maximum
- 160°F. maximum
- Dual 3/8" FPT inlets
- 3/8" FPT outlet
- Dual 1/4" FPT by

Part	Model	PSI
2168	22760A	3000
3503	Repair kit	



VB7K Pressure

- 8.0 GPM maximum
- 3200 PSI maximum
- 190° F. maximum
- 3/8" MPT inlet
- 3/8" FPT outlet
- 3/8" FPT bypass

Part
3594



VB350S/YU5075KS

- 10 GPM maximum
- 5100 PSI maximum
- 190°F. maximum
- 3/8" MPT inlet
- 3/8" FPT outlet
- 1/2" FPT bypass

Part
4906



HM Regulating w/EZ start

- Built-in easy start
- 10.8 GPM maximum
- 3000 PSI maximum
- 165°F. maximum
- 3/8" FPT in
- 3/8" MPT out
- Dual 3/8" FPT bypass

Part	Item
2169	HM Unloader
4080	Kit 72 Repair



High Flow Pressure Actuated

- 21 GPM max
- 200°F. max
- 1/2" FPT in & bypass
- 1/2" FPT outlet

Part	Model	Spring	PSI
6966	YUW21235	White	2600
6965	YUB21405	Blue	4500



Dual Bypass

Part	Model	Spring	PSI
6959	YU21235	Yellow	2600
6548	YU21405	Green	4500
4910	Repair Kit	21405	



303 Stainless Steel

Part	Model	Spring	PSI
4457	YU2158	Black	6500

YU5221

- 53 GPM max
- 2450 PSI max
- 200°F. max
- 1" FPT I/O, bypass

Part	Product
4458	YU5221
4456	Repair Kit



Multi-Gun Pressure Actuated



- 21 GPM maximum
- 200°F. max
- 1/2" FPT I/O, bypass

Part	Model	PSI
6579	YVB4021HT	4050
6571	YVB5121B	5100



GIANT Multi-Gun High Flow

- Pressure actuated
- 160°F. maximum

Part	Model	Spring	GPM	PSI	In/Out Bypass
1786	22911A	Yellow	13.0	1400	1/2FPT
1630	22912A	Red	13.0	2400	1/2FPT
1631	22913A	Orange	13.0	3500	1/2FPT
4464	22971C	Yellow	35.7	1740	3/4FPT
3527	Standard	Repair kit			
3740	Repair	kit "B"			



2SF Unloaders

- 6 GPM max
- 160° F. max
- 2000 PSI max
- 3/8" MPT inlet
- 3/8" MPT outlet

Part	Model
2799	7500 2SF
5986	7500XS 2SFX
4482	Kit for 7500



4SF Unloader

- 6 GPM maximum
- 160° F. maximum
- 3/8" MPT inlet
- 3/8" MPT outlet
- 3/8" FPT bypass

Part	Model	PSI
2800	7600S	3000
4483	Kit	



UNLOADERS



66DX Pump Bolt-on



- 6 GPM max
- 160° F. max
- 3/8" FPT inlet
- 3/8MPT outlet

Part	Model	PSI
1936	7800/7860	4000



7535 Unloader

- 21 GPM maximum
- 180°F. maximum
- 1/2" FPT in/out
- 1/2" FPT bypass

Part	Model	Spring	PSI
2802	7542	Blue	4000

Pressure Regulator



Pressure regulators main function is to set and maintain consistent system pressure while also acting as a primary pressure relief device. DOES NOT UNLOAD

- 2.5 to 7.8 GPM
- 160° F. maximum
- 3/8" FPT in/out
- 3/8" FPT bypass

Part	Model	Spring	PSI
2804	7082	Blue	3575



Bolt-on Unloaders

Bolt-on unloaders have an internal by-pass system. Eliminates by pass hose and fittings. May have a built-in injector.



Minimatic 4/B

RC, XT & XM Pumps

- 2600PSI max
- 165°F max
- 1/2 FPT inlet
- 3/8 MPT outlet

Part	Product	GPM
6090	AR21039 w/inj	2-3
6091	AR21040 w/inj	3-4
6445	AR20821 no inj	2-5
6611	Kit 2572 bolt & oring	
6061	Repair Kit 2858	

AR20242G Gymatic 3/B

For XM & RK up to 3650 PSI



- 3-5.5 GPM
- 3650 PSI maximum
- 165°F maximum
- 3/4" GH filter inlet
- 3/8 MPT outlet

Part	Product
5547	AR20242G w/bolts
3430	2611 O-ring kit
6214	Kit 2119 Bolt & Wash

Gymatic VR35 3/B

For XM & RK up to 4000 PSI



- 5.0 GPM maximum
- 4000 PSI maximum
- 165°F. maximum
- 1/2 MPT inlet
- 3/8 MPT outlet

Part	Product
6092	AR21669 w/bolts
6097	AR22206 w/injector
5276	Kit 2121 bolt & wash



Unitrol Pressure Control

ZKW1 Bolt-on

GP: T9051, TT901, TT9061, TT9071, T9051, TS1021



- Built-in injector
- 2-3 GPM
- 1600 PSI max.
- 165°F maximum
- 3/8FPT inlet
- 1/4 MPT outlet

Part
3343

ZKW11L Bolt-on

GP models: T711, T911, T991, T9951, T9961



- Built-in injector
- 3-4 GPM
- 1600 PSI max.
- 165°F maximum
- 1/2FPT inlet
- 3/8MPT outlet

Part
3940

Trapped Pressure Control Set

ZKW21 Bolt-on

GP: TT9351, TT9441, TT9971, all E-Z pumps



- 3-4.5 GPM
- 3000 PSI max
- 200°F. max.
- 165°F max
- 1/2FPT inlet
- 3/8 MPT outlet

Part	Model
3344	W2.1 w/Injector
2830	W2.1SC

ZKW21L Bolt-on

GP: TS1011, TS1331, TS1511, TS1711, TS2011

Part	Model
3937	W2.1L w/Injector
3939	W2.1L-SC no Injector
Part	Product
1743	Kit 93 Rebuild
3569	Kit 94 Rebuild Kit



VB75KDM Bolt-on

GP EZ (44) series, 47, 50, and 63 series pumps. CAT 5CP, 5DX, 6DX

- 8.0 GPM
- 3650 PSI max
- 195° F. max

Part	Model
6546	VB75KDMN
6552	VB75KDM w/inj.
1332	Bayonet bolt kit



VB135KDM Bolt-on

- 6.5 GPM maximum
- 2600 PSI maximum
- 195°F. maximum
- 3/8" FPT inlet
- 1/4" MPT outlet

Part	Model
3340	VB135KDM
1566	Bayonet bolt kit



VB10 Reduced Pressure

- 8 GPM maximum
- 3600 PSI maximum
- 195°F. maximum
- 3/8" FPT in, out & by

Part	Model	PSI
4213	VB-10	3600
4517	Repair kit	



Flow Actuated Unloaders



Flow Actuated

- 160° F. maximum
- 3/8" FPT inlet
- 3/8" MPT outlet
- 1/2 or 3/4 bypass

Part	Model	PSI	GPM
1481	22648	3000	1.5-4.0
5739	22650	3000	3.0-4.5
1482	22655	3000	3.0-5.5
1588	22654A	4000	3.5-4.8
3577	22666	kit	
3576	22695A	kit	22654

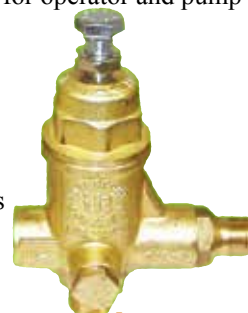


ZK1 Flow Sensitive

Soft start unloader offering gradual pressure increases, assuring safety for operator and pump

- 2 to 10 GPM
- 3600 PSI
- 165°F. max
- 3/8" FPT Inlet
- 3/8" MPT Outlet
- 1/2" MPT Bypass
- 1/4" MPT gauge ports

Part
6703



K Series Flow Actuated

- 1/2" MPT outlet on "E" series
- 3/8" FPT inlet 3/8 MPT outlet
- 3/4" MPT bypass

K3 Series

Part	Product	GPM	PSI
1593	K3.0	2.1-3.0	1450
2347	K3.0E	2.1-3.0	1450
1594	K3.1	3.0-4.2	1450
1595	K3.2	4.2-5.5	1450
3146	Kit 59	Repair	



K5 Series

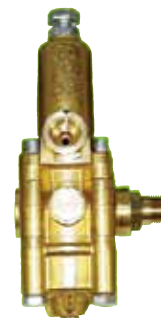
1597	K5.0	2.1-3.0	3000
1598	K5.1	3.0-4.2	3000
1494	K5.1E	3.0-4.2	3000
1599	K5.2	4.2-6.6	3000
1725	K5.2E	4.2-6.6	3000
1751	K5.3	6.6-10	3000
3132	Kit 58	Repair	
2404	Bypass plate		



K7 Series

- 0-3500 PSI max
- 3/8" FPT inlet, & bypass
- 3/8" MPT outlet

Part	Model	GPM
1220	K7.0	2.1-3.0
1393	K7.1	3.0-4.2
1394	K7.2	4.2-6.6
2301	K7.2 w#1 orifice	
1395	K7.3	6.6-10
1694	Kit 70 Repair	



Balanced Relief Valves

Secondary safety device. Does not replace unloader.

- 195°F. maximum

Part	Product	GPM	PSI	Inlet	Out
3331	YBRV624	6.3	2415	3/8F	3/8F
4416	YBRV5325	53	2600	3/4F	1/2F



GENERAL PUMPS

Determining Right or Left Hand Shafts

Face the pump manifold when determining shaft position



Left Handed

Hollow Shaft Pumps

Right Handed



Left Handed

Solid Shaft Pumps



Right Handed



Evolution Series Pumps

ISO 9001:2008 CERTIFIED

- Triplex plunger pump built 100% in Italy
- New brass forged manifold increases working pressure to 4000 PSI
- New patent pending plunger guide bushing
- Solid ceramic plungers with dual guide
- New optimized outlet valves
- New dual lip oil seal

EP SERIES 1/2" FPT inlet, 3/8" FPT outlet



Part	Pump	GPM	PSI	GHP	RPM	Shaft	Wt.
6003	EP1506G6	2.9	3045	6.0	3400	3/4"	16 lb.
6010	EP1508G8	3.4	3045	7.1	3400	1"	16 lb
6052	EP1313G8	4.0	4000	10.9	3400	1"	16 lb

ES SERIES

1/2" FPT inlet, 3/8" FPT outlet
Solid shaft

Part	Pump	GPM	PSI	GHP	RPM	Shaft	Wt.
6080	ES2012S	4.76	1750	5.6	1750	24mm	21 lb



ESN SERIES

ESN pumps have new nickel plated brass forged manifolds

Part	Pump	GPM	PSI	GHP	RPM	Shaft	Wt.
6100	ESN1512G	5.3	3625	13.0	3400	1"	21 lb



Solid Shaft Triplex Plunger Pumps

FEATURES:

- Patented "high tech" packings
- Patented inlet/outlet valve cage
- Specially designed to handle rigorous duty cycles, high temperatures and chemicals

HTXS series and HTS series ideal in carpet cleaning and other high pressure cleaning.

24mm shaft, 1/2" FPT inlet, 3/8" FPT outlet

Part	Pump	GPM	PSI	BHP	GHP	RPM	Wt.
6877	HTXS1810S	2.7/3.1	2000	3.5	5.0	1450/1750	18 lb
6882	HTXS1812S	3.2/3.8	2000	4.5	5.5	1450/1750	18 lb
6883	HTXS1813S	3.5	2500	6.0	8.0	1450	18 lb



HTS 2215 same RPM and flow as Cat 310 and 5CP2120

Part	Pump	GPM	PSI	BHP	GHP	RPM	Wt.
6881	HTS2215S	4.0/5.0	2300	6.5	8.0	950/1200	32 lb



HTCK Series includes all Emperor features.

Designed for rollover car wash systems

Ideal for use in carpet cleaning and other industrial plant systems where HOT WATER is REQUIRED.

30mm shaft, 1" FPT inlet, 1/2" FPT outlet, 185°F. maximum

Part	Pump	GPM	PSI	BHP	GHP	RPM	Wt.
6137	HTCK3623S	21.0	1500	22	28	1150	80 lb
		25.0	1300			1350	





Triplex Plunger Pumps Electric Flange Hollow Shaft

3/8" FPT inlet, 1/4" FPT outlet

Part	Pump	Flange	GPM	PSI	BHP	RPM	Shaft	Wt.
5114	TC1802E175	56C	0.5	1500	0.5	1750	5/8"	12 lb.
2918	T9051EBF	56C	2.10	1500	2.2	1750	5/8"	12 lb.
3058	TT9061EBF	56C	2.11	1500	2.2	3400	5/8"	12 lb.
3805	TT9071EBF	56C	2.80	1500	2.9	3400	5/8"	12 lb.
5688	TT2028EBF	56C	2.80	2000	5.0	3400	5/8"	12 lb.
6113	TT2028EBF	56C	2.80	2000	5.0	3400	3/4"	12 lb.
5147	TT2035EBF	56C	3.5	2000	5.0	3400	3/4"	12 lb.

5114



2918



1/2" FPT inlet, 3/8" FPT outlet

Part	Pump	Flange	GPM	PSI	BHP	RPM	Shaft	Wt.
5396	TX1812E179	184TC	3.8	2000	6.0	1750	1-1/8"	18 lb.
3194	EZ2536E	184TC	3.6	2500	6.0	1750	1-1/8"	19 lb.
3195	EZ2542E	184TC	4.2	2500	7.2	1750	1-1/8"	19 lb.
3196	EZ2545E	184TC	4.6	2500	7.8	3400	1-1/8"	19 lb.
3998	TC1507E345	56C	3.0	2700	5.5	3400	5/8"	16 lb.
6810	TX1512E179	184TC	2.6	3000	5.5	1750	1-1/8"	16 lb.

5396



3195



Gas Flange (SAE J609) Hollow Shaft

3/8" FPT inlet, 1/4" FPT outlet

Part	Pump	GPM	PSI	GHP	RPM	Shaft	Wt.
3583	TT2028GBF	2.85	2000	5.0	3400	3/4"	12 lb
3073	TT2035GBF	3.5	2000	6.2	3400	3/4"	12 lb
6569	TP2530J34	3.0	2500	6.8	3400	3/4"	11 lb

3583



1/2" FPT inlet, 3/8" FPT outlet

Part	Pump	GPM	PSI	GHP	RPM	Shaft	Wt.
6608	TP2526J34UIL	2.6	2700	6.8	3400	3/4"	19 lb.
6527	TX1505G6	2.0	3000	8.0	3400	3/4"	18 lb
6528	TX1508G8	3.0	3000	9.5	3400	1"	18 lb
3198	EZ3035G	3.5	3000	9.5	3400	1"	20 lb
6529	TX1510G8	4.0	3000	12.5	3400	1"	18 lb
3199	EZ3040G	4.0	3000	10.7	3400	1"	20 lb
5335	EZ3045G	4.6	3000	12.5	3400	1"	20 lb
6544	TX1510G8UIA	4.0	3500	14	3400	1"	20 lb
5578	EZ3030G34	3.0	3200	9.0	3400	1"	20 lb
6586	EZ4035G34	3.5	4000	12.5	3400	1"	20 lb
6076	EZ4040G	4.0	4000	14.5	3400	1"	20 lb

6544



EZ Series





Solid Shaft

Pump rails included

24mm shaft, 1/2" FPT inlet, 3/8" FPT outlet



Part	Pump	GPM	PSI	BHP	GHP	RPM	Wt.
1977	T991	4.0/3.5	1100/1500	3.0	4.0	1750	19 lb
5353	T991L	4.0	1100	3.0	4.0	1750	19 lb
1983	T9951	3.5	1500	3.0	4.0	1750	19 lb
1990	T921	5.0	1700	5.8	7.5	1050	30 lb
6972	TSS1021	5.6	1700	6.4	8.5	1450	32 lb
1629	T9971	4.0	2000	5.5	7.0	1750	19 lb
5379	T9971L	4.0	2000	5.5	7.0	1750	19 lb
5107	TS1331	3.5	2000	5.5	7.0	1450	30 lb
1994	TS1011	4.0	2000	5.4	7.0	1450	30 lb
1992	T1011	4.5	2000	6.0	8.0	1125	30 lb
1996	TS1321	4.75	2100	7.9	10.5	1450	32 lb
1997	T1321	5.5	2100	7.9	10.5	1150	32 lb
2001	TT9351	3.5	2500	6.0	8.0	3400	19 lb
2003	TT9441	4.4	2500	7.5	10.0	3400	19 lb
3020	EZ2542S	4.2	2500	8.0	11.0	1750	18 lb
3997	TC1511S17	2.1/2.6	2500	5.0	5.6	1450/1750	15 lb
2005	TS1621	4.7	2500	8.0	10.5	1450	33 lb
2006	T1621	5.0	2500	8.5	11.0	1050	33 lb
2503	EZ2536S	3.6	2500	6.5	8.5	1750	18 lb
2009	T9211	4.0	2900	7.5	10.0	1750	33 lb
6526	TX1512S17	2.6	3000	5.0	8.0	1750	19 lb
6525	TX1812S17	3.2/3.8	2000	5.0	7.0	1450/1750	19 lb
6443	TX1813S17	4.1	2500	5.6	8.5	1750	19 lb
4363	TX1510S34	4.0	3000	8.2	10.7	3400	19 lb
3203	EZ3040S	4.0	3000	8.2	10.7	3400	18 lb
4715	EZ3042S	4.2	3000	8.5	11.5	1750	18 lb
6226	TSF2219	7.7/9.3	3000	19.0	25.0	1450/1750	41 lb
6412	TSF2221	8.5/10.2	3000	21.0	27.5	1450/1750	41 lb
6410	TSF2421	10/12	2500	17.5	23.0	1450/1750	41 lb
6971	TSS1511	4.0	3500	9.5	12.5	1450	32 lb
2010	TS2011	4.0	3500	9.5	12.5	1450	33 lb
4349	TS1811	4.5	3500	9.5	12.5	1450	32 lb
2012	TS2021	5.6	3500	13.5	17.5	1450	33 lb
2772	TS2021L	5.6	3500	13.5	17.5	1450	33 lb
6220	TSF2019	6.3/7.6	3600	18.7	25.0	1450/1750	41 lb
6218	TSF2021	7.0/8.5	3600	21.0	27.3	1450/1750	41 lb
4351	TSF2021L	7.0/8.5	3600	21.0	27.3	1450/1750	41 lb
2013	T9281	4.0	4000	11.0	14.5	1750	33 lb
4905	T5050	5.0	5000	17.0	23.0	1845	42 lb
4737	TSP1821	5.5	5100	17.0	23.0	1450	41 lb
5035	TSP1621	4.3	6525	19.5	25.0	1450	41 lb
4757	TSP1619	4.3/3.6	5800/7250	18.0	23.0	1450	41 lb

Other General pumps and accessories are available.
Call for cost and availability.



Solid Shaft

24mm shaft, 3/8" FPT inlet, 1/4" FPT outlet
Pump rails NOT included

Part	Pump	GPM	PSI	BHP	GHP	RPM	Wt.
4420	TT931	2.9	1500	3.0	4.0	2800	11 lb
4461	TT9111	3.0	1500	3.0	4.0	1750	11 lb
1982	TT941	3.4	1500	3.5	4.5	2800	11 lb



Self Service Car Wash Pumps

35mm Shaft 3/4" FPT inlet, 3/8" FPT outlet Pump rails included

Part	Pump	GPM	PSI	BHP	GHP	RPM	Wt.
1974	T41	12.0	900	7.5	10.0	650	37 lb
1986	TS1041	8.0	1600	7.5	10.0	1450	46 lb
1998	TS1531	7.9	2175	10.0	13.0	1450	46 lb



Series 48 Dual Manifold High Flow

Dual manifolds utilizing a common crankcase for efficient performance

32mm shaft, 3/4" FPT inlet, 3/8" FPT outlet

Part	Pump	GPM	PSI	BHP	GPH	RPM	Wt.
3059	T2031	9.0	3000	18.2	24.0	1140	61 lb



Self Service Car Wash Pumps

24mm shaft, 1/4" FPT inlet, 3/8" FPT outlet

Part	Pump	GPM	PSI	BHP	GPH	RPM	Wt.
3105	CW2004	4.0	2000	6.8	9.0	1750	30 lb
3107	CW2040	5.0	2500	8.50	11.0	1250	30 lb
3108	CW3040	5.0	3000	10.3	14.0	1250	32 lb



2 Gun Conveyor & Tunnel Car Wash Pump

35mm shaft, 3/4" FPT inlet, 3/8" FPT outlet

Part	Pump	GPM	PSI	BHP	GHP	RPM	Wt.
4537	CW1012	12.0	1000	8.2	11.0	900	36 lb



KE Series Industrial Pump

30mm shaft, 1" FPT inlet, 1/2" FPT outlet

Part	Pump	GPM	PSI	BHP	GPH	RPM	Wt.
5966	KE24A	11.9	3050	29.0	37.0	1450	88 lb
5911	KE28HA	16.1	2170	25.0	32.0	1450	88 lb



Gear Reducers (24mm)

Part	Model	Shaft
3867	GP ZGRS1000 11-24HP	1"
5687	PA YGR1000 11-18 HP	1"
5684	PA YGR1000P 11-24 HP	1"
1241	GP ZGR0750 3-6.5 HP	3/4"
6878	GP YGR0750 3-6.5 HP	3/4"



Electric Flanges

Heavy duty cast aluminum flange
Quiet maintenance free drive



Part	Model	Size	HP
3443	ZF184 flange		3 to 5
5426	ZG56C flex coupler	24mm x 5/8	2
3374	ZG145TC flex coup	24mm x 7/8	2
3375	ZG184TC flex coup	24mm x 1-1/8	4 to 8
5482	ZG202 flex coupler	24mm x 1-3/8	5 to 7.5

GENERAL PUMPS



Kit Chart

Pump	Valves	Piston Oil Seal	Packings	Packings w/brass	Pistons	Valve Caps	Piston bolts	Crank Oil Seal
CW1012	Kit 62	Kit 37	Kit 113	Kit 967	69040109	98231200	Kit 74	Kit 32
CW2004	Kit 1	Kit 2	Kit 969	Kit 9101A	47040409	Kit 4	Kit 6	Kit 3
CW2040	Kit 1	Kit 2	Kit 969	Kit 9101A	47040409	Kit 4	Kit 6	Kit 3
CW3040	Kit 1	Kit 2	Kit 969	Kit 9101A	47040409	Kit 4	Kit 6	Kit 3
CW1541	Kit 943	Kit 44	Kit 100564	Kit 100463	69040009	98242000	Kit 74	Kit 32
EP1506G6	Kit 269	Kit 271	Kit 275	Kit 276	58040109	Kit 270	99169000	90168700
EP1508G8	Kit 269	Kit 271	Kit 275	Kit 276	58040009	Kit 270	99169000	90168700
EP1313G8	Kit 269	Kit 271	Kit 272	Kit 273	58040109	Kit 270	99169000	90168700
ES2012S	Kit 269	Kit 271	Kit 285	Kit 290	59040009	Kit 270	99169000	90164800
ESN1313G8	Kit 269	Kit 271	Kit 282	Kit 287	58040009	Kit 292	99169000	90169000
EZ2536E	Kit 123	Kit 23	Kit 127	Kit 131	44040109	Kit 124	99317500	90169000
EZ2542E	Kit 123	Kit 23	Kit 127	Kit 131	44040109	Kit 124	99317500	90169000
EZ2545E	Kit 123	Kit 23	Kit 88	Kit 130	52040009	Kit 124	99317500	90169000
EZ3035G	Kit 123	Kit 23	Kit 88	Kit 130	52040009	Kit 124	99317500	90169000
EZ3040G	Kit 123	Kit 23	Kit 88	Kit 130	52040009	Kit 124	99317500	90169000
EZ4040G	Kit 123	Kit 23	Kit 153	Kit 156	44040266	Kit 124	99317500	90169000
HTS2215S	Kit 201	Kit 2	Kit 202	Kit 203	47040509	Kit 5	Kit 6	90164800
HTX1810S	Kit 123	Kit 159	Kit 204	Kit 205	44040109	Kit 158		90164100
HTX1812S	Kit 123	Kit 159	Kit 204	Kit 205	44040109	Kit 158		90164100
HTX1813S	Kit 123	Kit 159	Kit 204	Kit 205	44040109	Kit 158		90164100
T41	Kit 62	Kit 37	Kit 38	Kit 39	69040009	69218022	Kit 74	Kit 32
T61	Kit 43	Kit 44	Kit 79	Kit 80	76040209	98242000	Kit 74	Kit 32
T81	Kit 43	Kit 44	Kit 79	Kit 80	76040209	98242000	Kit 74	Kit 32
T1011	Kit 1	Kit 2	Kit 8 or 69	Kit 28	47040409	Kit 4	Kit 6	Kit 3
T1321	Kit 1	Kit 2	Kit 148	Kit 29	47040509	Kit 4	Kit 6	Kit 3
TT1505EBF	Kit 1	Kit 83	Kit 141	Kit 140	51080370	98221800	99194300	90164400
T1551	Kit 43	Kit 44	Kit 113	Kit 115	76040056	98242000	Kit 74	Kit 32
T1621	Kit 1	Kit 2	Kit 148	Kit 29	47040509	Kit 4	Kit 6	Kit 3
T2031	Kit 1	Kit 24	Kit 69	Kit 28	47070409	Kit 4	Kit 6	90167000
T4251	Kit 122	Kit 44	Kit 77	Kit 78	61040056	61218241	99446500	Kit 32
T5050	Kit 150	Kit 2	Kit 109	Kit 151	47040856	47210170	99326000	Kit 3
T9051EBF	Kit 1	Kit 83	Kit 97	Kit 96	51040009	Kit 84	99194300	90164400
T921	Kit 1	Kit 2	Kit 148	Kit 29	47040509	Kit 4	Kit 6	Kit 3
T9211	Kit 1	Kit 2	Kit 8 or 69	Kit 28	47040409	Kit 5	Kit 6	Kit 3
T9281	Kit 1	Kit 2	Kit 109	Kit 112	47040856	Kit 106	Kit 107	Kit 3
T9721	Kit 1	Kit 23	Kit 19	Kit 27	50040409	Kit 4	Kit 6	90163400
T9731	Kit 1	Kit 23	Kit 19	Kit 27	50040409	Kit 4	Kit 6	90163400
T9791	Kit 1	Kit 23	Kit 19	Kit 27	50040409	Kit 4	Kit 6	90163400
T991	Kit 1	Kit 23	Kit 19	Kit 27	50040409	Kit 4	Kit 6	90163400
T9951	Kit 1	Kit 23	Kit 19	Kit 27	50040409	Kit 4	Kit 6	90163400
T9971	Kit 1	Kit 23	Kit 19	Kit 27	50040409	Kit 4	Kit 6	90163400
TC1507E345	Kit 123	Kit 83	Kit 196	Kit 226	60040009	98221400	99194300	90167500
TP2530J34	Kit 123	Kit 83	Kit 97	Kit 96	51040009	98221600	99194300	90164400
TS1011	Kit 1	Kit 2	Kit 8 or 69	Kit 28	47040409	Kit 4	Kit 6	Kit 3
TS1021	Kit 1	Kit 2	Kit 8 or 69	Kit 28	47040409	Kit 4	Kit 6	Kit 3
TS1041	Kit 62	Kit 37	Kit 8 or 69	Kit 82	47040409	98231200	Kit 54	Kit 32
TS1321	Kit 1	Kit 2	Kit 148	Kit 29	47040509	Kit 4	Kit 6	Kit 3
TSS1511	Kit 1	Kit 2	Kit 8 or 69	Kit 28	47040409	Kit 4F	Kit 6	Kit 3
TS1531	Kit 62	Kit 37	Kit 8 or 69	Kit 82	47040409	98231200	Kit 54	Kit 3



Kit Chart

Pump	Valves	Piston Oil Seal	Packings	Packings w/brass	Pistons	Valve Caps	Piston bolts	Crank Oil Seal
TS1621	Kit 1	Kit 2	Kit 148	Kit 29	47040509	Kit 5	Kit 6	Kit 3
TS1711	Kit 1	Kit 2	Kit 8 or 69	Kit 28	47040409	Kit 4	Kit 6	Kit 3
TS1811	Kit 1	Kit 2	Kit 8 or 69	Kit 28	47040409	Kit 4	Kit 6	Kit 3
TS2011	Kit 1	Kit 2	Kit 8 or 69	Kit 28	47040409	Kit 4	Kit 6	Kit 3
TS2021	Kit 1	Kit 2	Kit 8 or 69	Kit 28	47040409	Kit 4	Kit 6	Kit 3
TSF2019	Kit 169	Kit 2	Kit 170	Kit 171	66040009	66130041	66219566	Kit 3
TSF2021	Kit 169	Kit 2	Kit 170	Kit 171	66040009	66130041	66219566	Kit 3
TSF2219	Kit 169	Kit 2	Kit 172	Kit 173	66040109	66130041	66219566	Kit 3
TSF2221	Kit 169	Kit 2	Kit 172	Kit 173	66040109	66130041	66219566	Kit 3
TSP1819	Kit 15066	Kit 2	Kit 180	Kit 176	66040309	66130141	66219566	Kit 3
TT2028	Kit 1	Kit 83	Kit 97	Kit 96	51040009	Kit 84	99194300	90164400
TT2035	Kit 1	Kit 83	Kit 97	Kit 96	51040009	Kit 84	99194300	90164400
TT9061	Kit 1	Kit 83	Kit 97	Kit 96	51040009	Kit 84	99194300	90164400
TT9071	Kit 1	Kit 83	Kit 97	Kit 96	51040009	Kit 84	99194300	90164400
TT9111	Kit 1	Kit 83	Kit 141	Kit 140	51040109	Kit 84	99194300	90163400
TT9351	Kit 1	Kit 23	Kit 88	Kit 92	52040009	Kit 4	Kit 6	90163400
TT941	Kit 1	Kit 83	Kit 97	Kit 96	51040009	Kit 84	99194300	90163400
TT9441	Kit 1	Kit 23	Kit 88	Kit 92	52040009	Kit 4	Kit 6	90163400
TX1508G8	Kit 123	Kit 159	Kit 160	Kit 166	52040009	Kit 124	99319200	90164100
TX1510G8	Kit 123	Kit 159	Kit 160	Kit 166	52040009	Kit 124	99319200	90164100
TX1510S34	Kit 123	Kit 159	Kit 160	Kit 166	52040009	Kit 124	99319200	90164100
TX1512S17	Kit 123	Kit 159	Kit 160	Kit 166	52040009	Kit 124	99319200	90164100
TX1812S17	Kit 123	Kit 159	Kit 161	Kit 167	44040109	Kit 124	99319200	90164100



Repair Kits

Part	Kit	Description
1416	01	Check Valves
3881	1S	Repair Video
1417	02	Oil Seal Piston Guide
1601	03	Oil Seal Crankshaft
1614	04	Valve Caps & O-rings
3728	04F	Valve Caps (fine thread)
3147	05	Valves Caps (Nickel Plated)
1610	06	Piston Bolt Assembly
4658	06A	Washers for Kit 6 Piston Bolts
1288	07	Head Rings
1418	08	20mm Packing (New Style)
3424	10	Packing Retainer
1613	11	22mm Head Ring
1419	12	22mm Packing
5694	14	Packing Retainer
1420	16	V-packing & seals
1421	19	20mm Packing (New Style)
1612	21	20mm Head Rings
1602	23	Oil Seal Piston Rod
1603	24	Oil Seal Piston Rod
1604	27	20mm Packing w/brass
1605	28	20mm Packing (new style)
1606	29	22mm Packing w/brass

Part	Kit	Description
2429	32	Oil Seal Crankshaft
1607	37	Oil Seal Piston Rod
3040	43	Check Valve Kit 77 Series
6449	44	Piston Oil Rod Seal Kit
5143	62	Check Valve Kit
3773	69	20mm Packing w/restop ring
4045	71	Intermediate ring w/restop
5145	74	Piston Bolts
3579	80	Packing Assembly
4344	82	Packing Assembly
1422	83	Oil Seal Piston Rod
3531	84	Valve Cap Assembly
2226	86	Packing retainer
1608	87	15mm packing
1615	88	Packing with restop rings
3873	89	EZ intermediate ring
3874	90	Head rings
4075	92	15mm packing with brass
1611	96	15mm packing with brass
1609	97	15mm packing
3537	102	TT unloader maintenance kit
3744	106	Valve Caps

GENERAL PUMPS



Repair Kits

Part	Kit	Description
3745	107	Piston Bolts
4043	108	16mm Head Ring
4212	109	16mm Packing
3747	112	16mm packing with brass
6446	113	Packing Assembly
3021	118	TV-TH series packing
3038	119	TV-TH packing with brass
3568	120	Unloader Maintenance
1616	123	Valve kit EZ/TX pumps
3868	124	Valve caps EZ/TX pumps
3875	125	EZ 15mm pack retainer w/o-ring
1623	127	EZ 18mm packing
3870	128	EZ 18mm intermediate retainer
3871	129	EZ 18mm head rings
3876	130	EZ 15mm packing w/brass
3872	131	EZ 18mm packing w/brass
3024	134	Check valve repair TV-TH
6447	136	Piston rod oil kit
6448	137	EZUI Manifold Repair Kit
3539	140	18mm Packing Retainer
3018	141	18mm Packing
3039	148	Packing Kit
4047	149	Intermediate Ring Kit
5351	150	Valve Kit T5050
5352	151	Packing w/brass T5050
6099	153	Soft Packing
4308	155	Head Ring 13mm
6103	156	Packing Assembly
3080	158	Valve cap kit HTX
5497	159	Oil seal kit TX series
4852	160	15mm Packing
4846	161	18mm packing seal kit
2343	162	15mm seak retainer
4984	166	15mm packing with brass TX
5226	167	18mm packing with brass TX
6246	169	Check Valve kit TSF pump
6346	170	20mm packing TSF pumps
6328	171	20mm packing with brass TSF
6614	172	22mm packing TSF pumps
6615	173	22mm packing w/brass TSF
1921	174	Seal Kit 16mm
5395	176	18mm packing
6866	180	18mm Seal packing
4312	181	LP & HP seals
4314	182	Packing 24mm
2434	196	15mm packing TC pumps
2680	197	18mm packing TC pumps
4714	201	Hot check valves only
4332	202	Seals LP & HP High heat

Part	Kit	Description
3088	204	Packing kit HTX
3089	205	Packing kit w/brass HTX
6876	220	Hot Packings & Check Valves
2438	226	15mm packing w/brass (TC)
2718	227	18mm packing w/brass (TC)
4343	236	Unloader Assembly complete
4612	269	Check Valve kit EP, ES pumps
4609	270	Valve Cap Kit EP, ES Pumps
4610	271	Oil Seal Kit EP, ES pumps
4616	272	13mm Packing Kit EP, ES
4625	275	13mm Packing w/brass EP, ES
4634	273	15mm Packing Kit EP, ES
3980	9101A	Car wash packing 20mm CW47
6059	967	Packing Assembly (1 cylinder)
5096	969	Car Wash Packing 20mm CW47
5394	15066	Check valve kit

Ceramic Plungers

Part	GP No.	Size
1617	52040009	15mm 1½" long
1618	51040009	15mm 1" long
2676	60040009	15mm (TC)
2460	47040856	16mm
1619	44040109	18mm
1621	51040109	18mm
5377	66040309	18mm x 54mm
2730	60040109	18mm (TC)
1620	50040409	20mm (1.570" long)
1622	47040409	20mm (1.970" long)
6616	66040009	20mm (TSF)
2413	47040509	22mm
6617	66040109	22mm (TSF)
2803	58040009	13mm (EP, ESN)
2801	58040109	15mm (EP, ESN)
2816	58040209	18mm ES Series

Jetter Valve

Turn a General Pump into a Sewer Jetting machine!



Part	Model
4565	100315 TT pumps
3885	100316 EZ pumps
4766	100317 47 series
6545	100072 TSS pumps

Drain Pain Relievers

Make oil changes fast for pumps, engines.



Part	Model
5475	1/4" drain
5476	3/8" drain
5425	10mm drain GX200
5424	12mm drain GX390



VRX Consumer Series Pumps

- Stainless steel plungers
- Built-in unloader & injector
- Replacement pump for some Devilbis machines

Part	Pump	GPM	PSI	GHP	RPM	Shaft	Wt.
6939	VRX2527G7 Horizontal shaft	2.5	2700	6.5	3400	7/8"	7.7 lb

Axial Commerical Duty Pumps

- Ceramic plungers
- 3/4FGH inlet 3/8MPT outlet
- Built-in unloader & injector
- Built-in garden hose adapter

AXD Electric Flange Hollow Shaft

Part	Pump	GPM	PSI	BHP	RPM	Shaft	Wt.
5925	AXD2020E	2.0	2000	3.0	3400	5/8"	12 lb
5926	AXD2520E	2.5	2000	3.5	3400	5/8"	12 lb
5927	AXD3020E	3.0	2000	4.0	3400	5/8"	12 lb



AXD2020E

AXD Gas Flange Hollow Shaft

T denotes stainless steel pistons

Part	Pump	GPM	PSI	GHP	RPM	Shaft	Wt.
6142	AXD2524G	2.5	2400	5.0	3400	3/4"	12 lb
6743	AXD2527G	2.5	2700	5.0	3400	3/4"	12lb
6736	AXD2527G-T	2.5	2700	5.0	3400	3/4"	12lb
5923	AXD3025G	3.0	2500	7.0	3400	3/4"	12 lb
1313	AXD3030G	3.0	3000	8.0	3400	1"	12 lb
4944	AXD4030G	3.75	3000	10.0	3400	1"	12 lb



AXD3025G

BXD Hollow Shaft

- Stainless steel plungers
- 1/2" FPT inlet 3/8" MPT outlet
- Built-in unloader & injector
- One oil cap for travel & operation

Part	Pump	Flange	GPM	PSI	HP	RPM	Shaft	Wt.
6707	BXD2527G	Gas	2.4	2700	5.0	3400	3/4"	12 lb



BXD2527

Triplex Plunger Pumps Electric Flange Hollow Shaft

Part	Pump	GPM	PSI	BHP	RPM	Shaft	Piston	Wt.
2985	LWD2020E	2.1	2000	3.0	3400	5/8"	15mm	14 lb
2998	LWS2020E	2.2	2000	3.0	1750	5/8"	15mm	14 lb
2971	LWD3020E	3.0	2000	4.0	3400	5/8"	15mm	14 lb
4947	LWD3522E	3.5	2200	5.5	3400	3/4"	15mm	14 lb
2999	FWS2-4030E	3.9	3000	8.6	1750	1-1/8"	18mm	20 lb
4570	FWS3530E	3.6	3000	7.5	1750	1-1/8"	18mm	20 lb
5061	FWD4530E	4.5	3000	8.5	3400	1-1/8"	18mm	20 lb



LWD3020E



FWS3020E

Triplex Plunger Pumps

Gas Flange Hollow Shaft

"K" pumps have unloader

Part	Pump	GPM	PSI	GHP	RPM	Shaft	Piston	Wt.
4320	LWD3025G	3.0	2500	6.8	3400	3/4"	15mm	14 lb
4778	ZWD3030G	3.0	3000	8.0	3400	3/4"	15mm	17 lb
6820	ZWD3035G	3.0	3500	9.5	3400	1"	15mm	17 lb
6763	ZWD3035G-K	3.0	3500	9.5	3400	1"	15mm	17 lb
4782	ZWD3535G	3.5	3500	9.5	3400	1"	15mm	17 lb



ZWD

COMET PUMPS

Triplex Plunger Pumps

Gas Flange Hollow Shaft

"K" pumps have unloader



ZWD4035G

Part	Pump	GPM	PSI	GHP	RPM	Shaft	Piston	Wt.
6800	ZWD3535G-K	3.5	3500	9.5	3400	1"	15mm	17 lb
4777	ZWD4035G	4.0	3500	10.7	3400	1"	15mm	17 lb
5064	ZWD3540G	3.5	4000	12.5	3400	1"	15mm	17 lb
5062	ZWD4040G	4.0	4000	14.5	3400	1"	15mm	17 lb
6621	ZWD4040G-K	4.0	4000	14.5	3400	1"	15mm	17 lb

Solid Shaft

Rails NOT included



LW3525S

Part	Pump	GPM	PSI	BHP	GHP	RPM	Shaft	Piston	Wt.
4316	LWS3020S	3.1	2000	4.0	5.0	1750	24mm	18mm	14 lb
2819	LW3525S	3.5	2500	6.0	8.0	1450	24mm	18mm	14 lb
4318	FWS3530S	3.5	3000	7.0	9.0	1750	24mm	18mm	20 lb
1674	FW2-4030S	4.0	3000	8.2	10.7	1450	24mm	18mm	20 lb
3170	FWS4030S	4.0	3000	8.6	11.0	1750	24mm	18mm	20 lb
2054	FWS4530S	4.5	3000	9.3	12.0	1750	24mm	18mm	20 lb
2954	TW8030S	8.7	3000	18.0	23.0	1450	24mm	22mm	45 lb
6623	FW2-3540S	3.4	4000	9.5	12.0	1450	24mm	18mm	20 lb
6622	FWS24040S	4.0	4000	11.0	14.5	1750	24mm	18mm	20 lb
5522	RW4040S	4.0	4000	11.0	14.5	1450	24mm	18mm	18 lb
3000	TW5050S	5.0	5000	19.0	25.0	1450	24mm	18mm	45 lb

Check Valve Kits

Part	Comet No.	Pumps
1946	5025.0011.00	LW, FW, ZW, HW
5112	5025.0030.00	AWD pumps
5731	5025.0014.00	AXD pumps (all)
5113	5025.0027.00	BXD pumps
4186	5025.0020.00	TW 7036S, 8030S, 1102S
4189	5025.0021.00	TW 4550S, 5050S, 5550S
3200	2409.0123.00	Valve Kit
6566	5025.0025.00	FW2 & RW (5+ GPM)
5009	5025.0049.00	ZWD (special)

Packing Seal Kits

Part	Comet No.	Pumps
3181	5019.0035.00	15mm LW, LWS, LWD
5259	5019.0064.00	15mm ZWD
2469	5019.0048.00	15mm Hot kit LW
5247	5019.0038.00	18mm FW, FWD, FWS
4323	5019.0037.00	18mm LWS
3833	5019.0631.00	18mm HW, HWS
3633	5019.0039.00	20mm FW, FWS
5733	5019.0077.00	AXD up to 2400 PSI
2184	5019.0086.00	AXD 3000 PSI
5170	5026.0265.00	VRX 1700 to 2100 PSI
2484	5026.0256.00	VRX 2200 PSI plus
5171	5019.0667.00	BXD
5608	5019.0067.00	BXD
6673	5019.0218.00	FW2 18mm
5105	5019.0226.00	Seal
6064	5019.0669.00	Hot Seal Kit FW/FW2
4166	5019.0672.00	RW
6559	5019.0673.00	RW 18mm
6406	5019.0702.00	FW2 18mm
6263	5019.0703.00	FW/FW2 18mm

Ceramic Plungers

Part	Comet No.	Pumps
1947	2409.0071.00	15mm Kit ZW, LW,
4156	202.0020.00	15mm (each) ZW, LW
3578	2409.0072.00	18mm Kit LWS
2942	2409.0073.00	18mm Kit FW, HW,
1867	202.0022.00	18mm (ea) FW, HW
3174	2409.0074.00	20mm Kit FW
5734	2409.0092.00	AXD Kit up to 2900 PSI
2279	2409.0103.00	AXD Kit 3000 PSI plus
5383	2409.0146.00	18mm Kit RW series
6392	2409.0116.00	18mm kit TW series

Comet Unloader Kits

Part	Comet No.	Pumps
6375	1215.0584.00	AXD Aluminum
3016	1215.0585.00	AXD, ZWD-K, BXD 2600 PSI pumps
4150	1215.0586.00	AXD, AWD, ZWD-K 4000 PSI pumps

Oil Seal Kits

Part	Comet No.	Pumps
4325	5019.0040.00	Solid Shaft LWD, ZWD
2221	5019.0044.00	Solid FW, HW,
2377	5019.0041.00	Hollow Shaft LW,
1542	5019.0045.00	Hollow Shaft FW
5260	5019.0065.00	Hollow Shaft ZWD
5172	5019.0687.00	Hollow Shaft AWD
5735	5019.0079.00	AXD
6434	5019.0219.00	FW2
5647	5019.0675.00	RW Series



We are a full line distributor of CAT pumps and accessories.
For pricing and availability, please call our sales offices.

Piston Pumps Solid Shaft

Designed for low pressure, light to medium commercial duty!

Part	Pump	GPM	PSI	BHP	GHP	RPM	Shaft	Wt.
2958	290 3 frame	3.5	1200	4.0	5.0	1200	16.5mm	12 lb
4467	280 3 frame	3.0	1000	2.0	3.0	1330	16.5mm	12 lb



290

Triplex Plunger Pumps Electric Flange Hollow Shaft

Part	Pump	GPM	PSI	BHP	RPM	Shaft	Wt.
4528	2SF29ELS	2.85	1500	3.5	1725	5/8"	12 lb
3589	2SF30ES	2.85	1500	3.5	3450	5/8"	12 lb
3498	2SFX30ES3 (190° seals)	3.0	1500	3.5	3450	5/8"	13 lb
3743	2SFX20ES	2.0	2000	3.0	3450	5/8"	13 lb
2795	2SF22ES	2.2	2000	3.0	3450	5/8"	11 lb
3857	2SF22ELS	2.2	2000	3.0	1725	5/8"	11 lb
2189	4SF40ELS	4.0	3500	9.5	1725	1-1/8"	25 lb



4SF

Gas Flange Hollow Shaft

Part	Pump	GPM	PSI	GHP	RPM	Shaft	Wt.
5664	2SFX30GS	3.0	2000	5.5	3450	3/4"	12 lb
3966	2SFX30GZ	3.0	2500	5.5	3450	3/4"	12 lb
5604	4PPX30GS1	3.2	2800	7.0	3450	3/4"	11 lb
6417	4SPX32G1I	3.0	3000	8.0	3450	1"	11 lb
2181	4SF35GS1	3.5	3500	11.0	3500	1"	25 lb
4272	4SF40GS1	4.0	3500	12.5	3200	1"	25 lb
6419	66DX35G1I	3.5	4000	12.5	3450	1"	27 lb
6762	67DX39G1I	3.9	4000	13.5	3450	1"	27 lb
6403	66DX40GG1	4.0	4000	14.5	3450	1"	27 lb



2SFX

Solid Shaft

Rails and protective cap not included

Part	Pump	GPM	PSI	BHP	GHP	RPM	Shaft	Wt.
2612	270 3 frame	3.5	1500	3.5	5.0	1437	16.5mm	15 lb
4049	350 5 frame	5.0	1500	5.5	7.0	1720	20mm	20 lb
4032	340 5 frame	4.0	1800	5.0	6.5	1720	20mm	20 lb
2798	310 5 frame	4.0	2200	6.0	8.0	950	20mm	20 lb
4050	3CP1120	4.2	2200	6.5	8.5	1725	16.5mm	15 lb
2948	3CP1120.3 Hot	4.2	2200	6.5	8.5	1725	16.5mm	15 lb
5715	1050 15 frame	10.0	2200	15.0	20.0	958	30mm	44 lb
4339	5CP2120W	4.0	2500	7.0	9.0	950	20mm	20 lb
4053	5CP5120	5.0	3000	11.0	14.0	1645	20mm	20 lb
4728	550 7 frame	5.0	3000	11.0	14.0	1415	16mm	26 lb
2901	650 15 frame	7.0	3000	14.5	19.0	1000	30mm	44 lb
5836	660	10.0	3000	14.5	19.0	1429	30mm	44 lb
6005	5CP3120CSS	4.5	3500	11.0	14.0	1645	20mm	20 lb
1935	56 7 frame	5.5	3500	13.5	17.0	1210	24mm	26 lb
4861	57	4.5	4000	13.5	17.0	1285	24mm	26 lb
2616	530 7 frame	5.0	2500	8.5	11.5	1100	24mm	26 lb
4062	5CP5140	5.5	3500	13.0	17.0	1500	20mm	20 lb



310



5CP3120CSS
Sight glass instead of second shaft

CAT PUMPS

Please call for pricing. If you do not see the item you need ask and we will be happy to order it.

Replacement Kit Chart

Piston Pumps

Pump	Cup Kit	Piston Kit	Seal Kit	Valve Kit
280	30023	30202	30305	30686
290	30023	30860	30305	30686
333	30239	30240	30312	30686
430	30023	30210	30312	30686
623	30220	30219	30397	30687
820	30222	30221	30227	30687
1010	30224	30223	30397	30687

Plunger Pumps

Pump	Piston	Seal Kit	Valve
270, 240, 230	43901 (each)	30914	30915
31, 310, 34, 340, 35, 350 311, 341, 351 Stainless	43367 (each)	30623 34155	30821 34152
45	45783 (each)	30629	30683
53, 530	43232	30488	30820
55, 550	43311	30610	30820
56, 57, 59, 60	43232 (each)	30799	33820
650, 660	43300 (each)	30798	30820
70	45890 (each)	33799	33822
1050 1051 Stainless	43552 (each)	30913 33916	34920 34387
1530 1531 Stainless	48606 (each)	31355	31360 31271
2510	48535 (each)	31280	31285
2530, 2531 Stainless	45749	30952	33952
3CP1120.3 (hot)	46976 (each)	31983	33062
5CP2120W, 5CP2150W	46841 (each)	33628	30821
5CP3120	46884 (each)	33629	33060
5CP5120	46893 (each)	33630	33060

Direct Drive Pumps

Pump	Piston	Seal Kit	Valve Kit	Inlet Valve	Unloader
2SF	45847 (ea)	34053	34052	34668	7500S
2SFX	45847 (ea)	34053	34056	34668	7500XS
4SF	45848 (ea)	34054	34055	34770	7600S
3SP	547091 (ea)	31644	31647	NA	7700
2DX	542403 (ea)	33053	33057	NA	Built-in
3DX	542403 (ea)	30530	33057	NA	Built-in
4PPX		76124	76134		
66DX	48752 (ea)	34262	34260	NA	7860

Replacement Parts

Part	Cat No.	Product	Need
5156	30024	Valve Kit	1
3368	30686	Valve Kit	1
5616	30687	Valve Kit	1
3988	30767	Valve Kit	1
2702	30820	Valve Kit	2
2703	30821	Valve Kit	2
2707	30915	Valve Kit	1
4646	33060	Valve Kit	2
4648	33062	Valve Kit	2
2713	34052	Valve Kit	1
2716	34055	Valve Kit	1
5158	34056	Valve Kit	1
1530	34260	Valve Kit	2
2721	34668	Valve Kit	1
5598	34770	Valve Kit	1
2722	34920	Valve Kit	2
1931	76134	4PPX Valve Kit	1
4127	76260	Valve Kit	1
5807	76976	4DNX valve kit	1
3367	30305	Seal Kit	1
5601	33629	Seal Kit	1
3366	30431	Seal Kit	1
3984	30482	Seal Kit	1
2695	30488	Seal Kit	1
2696	30610	Seal Kit	1
2697	30623	Seal Kit	1
2700	30798	Seal Kit	1
2705	30913	Seal Kit	1
2706	30914	Seal Kit	1
4018	31684	Seal Kit	1
4023	31983	Seal Kit	1
5967	33628	Seal Kit	1
5411	33799	Seal Kit	1
5969	33953	Hot Seal Kit	1
5970	33983	Seal Kit	1
2714	34053	Seal Kit	1
2715	34054	Seal Kit	1
1531	34262	Seal Kit	1
1538	76124	4PPX Seal Kit	1
5806	76975	4DNX seal kit	1
4132	76262	Seal Kit	1
3364	30023	Piston Cup Kit	1
5605	30210	Piston Cup Kit	1
5610	30239	Piston Cup Kit	1
3969	30256	Piston Cup Kit	1
3365	30860	Piston Cup Kit	1
2729	43232	Plunger	3
2744	43367	Plunger	3
2753	43901	Plunger	3
2783	45847	Plunger	3
2878	45848	Plunger	3
4650	46841	Plunger 5CP2120W	3
4652	46884	Plunger 5CP3120	3
5109	46893	Plunger 5CP5120	3
4649	46976	Plunger 3CP	3
4488	48752	Plunger 66DX	3

PMR

Pumps Made Ready

PMR

*Replace pumps with minimum time and effort!
Remove the old pump and plumbing and slide on a Pump Made Ready!
Take the guess work out of what you need to replace a pump!
Cut the cost of down time and replacing a pump!*

Pumps made ready are not tested prior to shipping. Your unloader and thermal relief valve may need adjusting before usage.



Axial Shafts Pumps

- Built-in unloader
- Quick change socket on outlet
- Built-in injector
- Inlet fitting
- Thermal Relief Valve
- Detergent hose & filter



Part	Pump	Mfg.	GPM	PSI	RPM	BHP	GHP	Shaft	Unloader	Wt.
5130	AXD2020E	Comet	2.0	2000	3400	3.0	NA	5/8" Elect	Built-in	14 lb.
6139	AXD2524G	Comet	2.4	2500	3400	NA	6.5	3/4" Gas	Built-in	15 lb
6523	BXD2527G	Comet	2.4	2700	3400	NA	6.5	3/4" Gas	Built-in	15 lb
5935	AXD2520E	Comet	2.5	2000	3400	3.0	NA	5/8" Elect	Built-in	14 lb.
6043	AXD3020G	Comet	2.75	2000	3400	NA	5.0	3/4" Gas	Built-in	14 lb.
6141	RMV2.5G30D	AR	2.5	2500	3400	NA	5.5	3/4" Gas	Built-in	8 lb.
6663	SJV3G27D	AR	3.0	2500	3400	NA	6.5	3/4" Gas	Built-in	11 lb.
6044	SJV25G27D	AR	2.5	2700	3400	NA	6.0	3/4" Gas	Built-in	11 lb.



Electric Flange Triplex Pumps Made Ready

- Unloader
- Thermal relief valve
- Bypass hose
- GH inlet fitting
- Quick connect socket



Part	Pump	Mfg.	Unloader	GPM	PSI	RPM	BHP	Shaft	Wt.
5753	XTV2G15EBA	AR	VR54	2.1	1500	3400	2.0	5/8"	24 lb.
4572	XTV2G15EBA	AR	VRT3-160	2.1	1500	3400	2.0	5/8"	24 lb.
2926	T9051EBF	GP	VRT3-160	2.11	1500	1750	2.5	5/8"	18 lb.
6041	T9051EBF	GP	VR54	2.11	1500	1750	2.5	5/8"	18 lb.
5703	TT9061EBF	GP	VRT3-160	2.11	1500	3400	2.5	5/8"	18 lb.
5699	TT9061EBF	GP	VR54	2.11	1500	3400	2.5	5/8"	18 lb.
4653	TT9071EBF	GP	VRT3-160	2.8	1500	3400	3.0	5/8"	18 lb.
3467	2SFX30ES3	CAT	7500XS	3.0	1500	3450	3.0	5/8"	14 lb.
6195	XTA2G15EBA	AR	VR54	2.1	1800	1750	3.0	5/8"	19 lb.
2928	XTA2G15EBA	AR	VRT3-160	2.1	1800	1750	3.0	5/8"	19 lb.
3119	LWD2020E	Comet	VRT-160	2.1	2000	3400	3.0	5/8"	19 lb.
4769	LWS2020E	Comet	VRT3-160	2.1	2000	1750	3.5	5/8"	19 lb
4962	LWS2020E	Comet	VR54	2.2	2500	1750	3.5	5/8"	19 lb
5278	TT2035EBF	GP	VRT3-160	3.5	2000	3400	5.0	3/4"	18 lb.
5930	TT2035EBF	GP	VR54	3.5	2000	3400	5.0	3/4"	18 lb.

High temp pump

PUMPS MADE READY

Triplex Plunger Pumps Made Ready

Gas Flange

- Unloader
- GH inlet fitting
- Bypass Hose
- Thermal relief valve
- Quick change socket



Part	Pump	Mfg.	Unloader	GPM	PSI	RPM	HP	Shaft	Wt
5833	TT2028GBF	GP	VB3K	2.85	2000	3400	5.0	3/4"	17 lb.
2922	TT2028GBF	GP	VRT3-160	2.85	2000	3400	5.0	3/4"	16 lb.
2968	LWD3025G	Comet	VR54	3.0	2000	3400	5.5	3/4"	20 lb.
4924	TT2035GBF	GP	VRT3-160	3.5	2000	3400	6.5	3/4"	18 lb.
6262	XTV3G22D	AR	VR54	3.0	2200	3400	6.0	3/4"	18 lb.
2983	XTV3G22D	AR	VRT3-160	3.0	2200	3400	6.0	3/4"	18 lb.
4588	LWD3025G	Comet	VRT3-310EZ	3.0	2500	3400	6.5	3/4"	18 lb.
6570	TP2530J34	GP	VB3KTT	3.0	2500	3400	6.5	3/4"	17 lb.
6795	TP2530J34	GP	VRT3-160	3.0	2500	3400	6.5	3/4"	17 lb.
6424	XMV3G27D	AR	Bolt-on AR20821	3.0	2700	3400	7.5	3/4"	20 lb.
6049	XMV3G27D	AR	VRT3-250	3.0	2700	3400	7.5	3/4"	20 lb.
5321	XMV3G30D	AR	VRT3-310EZ	3.0	3000	3400	8.0	1"	21 lb.
3696	EZ3035G	GP	VRT3-310EZ	3.5	3000	3400	9.5	1"	27 lb.
5067	ZWD4035G	Comet	VRT3-310EZ	4.0	3000	3400	11.0	1"	23 lb.
6133	TX1510G8	GP	VRT3-310EZ	4.0	3000	3400	11.0	1"	24 lb.
2992	EZ3040G	GP	VRT3-310EZ	4.0	3000	3400	11.0	1"	25 lb.
3631	EZ3045G	GP	VRT3-310EZ	4.6	3000	3400	12.5	1"	25 lb.
4949	ZWD3035G	Comet	VRT3-250	3.0	3500	3400	12.5	1"	25 lb.
6957	67DX39G1I	CAT		3.9	4000	3400	14.5	1"	25 lb.
6553	ZWD4040G	Comet	VRT3-310EZ	4.0	4000	3400	14.5	1"	24 lb.
6163	EZ4040G	GP	VRT3-310EZ	4.0	4000	3400	14.5	1"	25 lb.
6343	RKV4G40HD	AR	VRT3-310EZ	4.0	4000	3400	14.5	1"	26 lb.
6589	RRV4G40D	AR	VRT3-310EZ	4.0	4000	3400	14.5	1"	24 lb.

Solid Shaft Triplex Pumps Made Ready

- Unloader
- GH inlet fitting
- Thermal relief valve
- Quick connect socket
- Bypass hose

Part	Pump	Mfg.	Unloader	GPM	PSI	RPM	BHP	GHP	Shaft	Wt.
6680	TSS1511	GP	VRT3-310EZ	4.0	3500	1450	9.5	12.5	24mm	41 lb.
4418	TS2021NP	GP	VRT3-310EZ	5.6	3500	1450	13.5	17.5	24mm	41 lb.
5554	RW4040S	Comet	VRT3-310EZ	4.0	4000	1450	11.0	14.5	24mm	25 lb.

Most stock pumps can be fitted as a "PUMP MADE READY" with the options listed below!

Pump made ready options can be installed on most of our pumps. After choosing your pump select your PMR option below. Add the cost of the PMR option to the cost of your pump.

Part	PMR Upgrade Options
4204	VR54 unloader 2900 installed on pump w/3/8" FPT inlet & 1/4FPT outlet
5808	VRT3-160 unloader 2320 PSI installed on pump w/3/8"FPT inlet & 1/4FPT outlet
3809	VR54 unloader 2900 PSI installed on pump w/1/2"FPT inlet & 3/8"FPT outlet
1784	VRT3-160 unloader 2320 PSI installed on pump w/1/2" FPT inlet & 3/8" FPT outlet
4743	VRT3-250 3650 PSI unloader, bypass, pressure & thermal relief pump w/1/2" FPT in & 3/8 outlet
3723	VRT3-310EZ 4500 PSI unloader, bypass, pressure & thermal relief pump w/1/2" FPT in & 3/8 outlet
5381	VHP 5000 PSI unloader, bypass, pressure & thermal relief on pump



SJV



Consumer Duty Pumps Axial Shaft Pumps Gas Flange

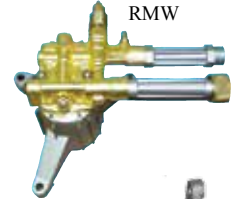
Part	Pump	GPM	PSI	HP	RPM	Shaft	Wt.
6444	SJV2.5G27D	2.5	2700	6.0	3400	3/4"	11 lb.
6613	SJV3G27D	3.0	2700	6.5	3400	3/4"	11 lb.
6108	RMV2.5G30D	2.5	3000	6.5	3400	3/4"	8 lb.



RMV

Vertical Shaft Pumps Gas Flange

Part	Pump	GPM	PSI	HP	RPM	Shaft	Wt.
6764	RMW22G24 (Alum)	2.2	2400	5.0	3400	7/8"	8 lb
7005	RMW2.2G24-EZ-SX	2.2	2400	5.0	3400	7/8"	8 lb
6862	RMW2G25D (Brass)	2.2	2500	5.0	3400	7/8"	8 lb.



RMW

Triplex Plunger Pumps

Part	Pump	GPM	PSI	HP	RPM	Shaft	Wt.
6897	RSV4G40H	4.0	4000	14.5	3400	1"	14 lb



RSV

Industrial Duty Pumps Triplex Plunger Pumps

Electric Flange Hollow Shaft

Part	Pump	Flange	GPM	PSI	BHP	RPM	Shaft	Wt.
5180	XTA3G16EBA	F8	3.0	1600	3.5	1750	5/8"	10 lb
3887	XTV3G16E	F8	3.0	1600	3.5	3400	5/8"	10 lb
6686	RCA3.5G16E		3.5	1600	4.0	1750	5/8"	11 lb
6685	RCA3G25E		3.0	1700	3.5	1750	5/8"	11 lb
3908	XTV2G15EBA	F8	2.1	1800	2.0	3400	5/8"	10 lb
3907	XTA2G15EBA	F8	2.1	1800	2.5	1750	5/8"	10 lb
5358	XTV3G22D	F8	3.0	2200	4.5	3400	3/4"	10 lb
3860	RKA4G20E	F17	4.0	2000	5.0	1750	1-1/8"	21 lb
6664	RCA2G22E		2.0	2500	3.5	1750	5/8"	11 lb
6689	RCV2G25E		2.0	2500	3.5	3400	5/8"	11 lb
6691	RCV3G25E		3.0	2500	5.0	3400	5/8"	11 lb
3339	RKA4G30E	F17	4.0	3000	7.5	1750	1-1/8"	21 lb



XTA



RCA

Gas Flange Hollow Shaft

Part	Pump	Flange	GPM	PSI	GHP	RPM	Shaft	Wt.
3898	XTV3G22D	F7	3.0	2200	6.0	3400	3/4"	12 lb
6692	RCV2G25D		2.0	2500	4.5	3400	3/4"	11 lb
6749	RCV3G25D		3.0	2500	6.5	3400	3/4"	11 lb
6789	RCV3.5G25D		3.5	2500	6.5	3400	3/4"	11 lb
6693	RCV2.5G27D		2.5	2700	6.0	3400	3/4"	11 lb
1783	XMV3G27D	F25	3.0	2700	7.0	3400	3/4"	19 lb
4832	XMV3G30D	F24	3.0	3000	8.0	3400	1"	19 lb
3902	RKV35G30AD	F24	3.5	3000	9.5	3400	1"	21 lb
6696	RKV4G37D	F24	4.0	3600	12.5	3400	1"	21 lb
6593	RKV4037D	F24	4.0	3700	12.5	3400	1"	21 lb
6241	RKV4G40HD	F24	4.0	4000	14.5	3400	1"	21 lb
6202	SXMV3G40D	F24	3.0	4000	11.0	3400	1"	19 lb
6942	RRV4G40D	F24	4.0	4000	14.5	3400	1"	19 lb
6551	SXMV4G40D	F24	4.0	4000	14.5	3400	1"	19 lb



XMV



RCV

Gas Flange with bolt-on Unloader

Part	Pump	Unloader	GPM	PSI	GHP	RPM	Shaft	Wt.
6302	XMV3G30D	AR20242	3.0	3000	8.0	3400	1"	19 lb
6565	SXMV4G40D	AR21669	4.0	4000	14.5	3400	1"	19 lb



6302

AR PUMPS



Triplex Plunger Pumps

Solid Shaft

Rails not included

XMA



XMA



RKA



XW



Part	Pump	GPM	PSI	BHP	GHP	RPM	Shaft	Wt.
3890	XT8.14N	2.1	2000	3.0	4.5	1450	24mm	11 lb
3994	XWL42.15	11.0	2200	16.5	22.0	1450	24mm	34 lb
6658	RCA2.5G25N	2.5	2500	4.5	5.5	1750	24mm	10 lb
4596	XM11.17N	2.9	2500	5.5	8.5	1450	24mm	18 lb
6661	RCA3G25N	3.0	2500	5.0	6.5	1750	24mm	10 lb
6662	RCA3.5G25N	3.5	2500	6.0	8.0	1750	24mm	10 lb
4591	XMA35G25N	3.5	2500	5.5	8.5	1750	24mm	18 lb
5333	XW-M26.20	6.87	2900	14.0	18.0	1450	24mm	34 lb
3900	RKA4G30N	4.0	3000	7.5	10.0	1750	24mm	19 lb
6006	RG1525HN	3.96	3600	9.5	12.5	1450	24mm	31 lb
6007	RG2125HN	5.5	3600	13.2	17.0	1450	24mm	31 lb
6334	XWA-M8G35N	8.0	3500	19.0	25.0	1750	24mm	34 lb
3916	XW30.25	7.92	3600	19.0	25.0	1450	24mm	34 lb.
4592	XW-M21.28	5.5	4060	13.5	18.0	1450	24mm	34 lb
4597	RK15.28HN	4.0	4000	11.0	16.5	1450	24mm	19 lb
6242	RKA4G40HN 1" long shaft	4.0	4000	11.0	14.5	1750	24mm	19 lb
5922	RKA4G40HN-L 1-1/2" long shaft	4.0	4000	11.0	14.5	1750	24mm	19 lb
6180	RKA45G40	4.5	4000	11.0	14.5	1750	24mm	19 lb
1698	XWA-M5.5G40	5.5	4000	15.5	20.0	1750	24mm	34 lb
2505	XW-M15.30	4.0	4350	12.0	16.0	1450	24mm	34 lb
6606	SXWA4G50	4.0	5000	15.0	18.0	1750	24mm	35 lb
6610	SXWA5.5G50	5.5	5000	17.0	22.5	1750	24mm	35 lb
5999	SXW15.35	4.0	5100	15.0	18.0	1450	24mm	35 lb
6000	SXW21.35	5.5	5100	20.0	26.0	1450	24mm	35 lb

AR Ceramic Plungers

Part	AR No.	Kit
4078	Kit 1842	880291 plungers 18mm (3/kit)
3405	880291	18mm ceramic plungers (each)
4079	Kit 1843	880780 plungers 20mm (3/kit)
6305	Kit 2187	RSV Pump Pistons
6056	Kit 2513	Pistons SJ, XJV (3/kit)
5981	Kit 2542	1420430 20mm plunger (3/kit)
1274	1420430	20mm ceramic plungers (each)
6487	Kit 2543	1420120 22mm plunger (3/kit)
6485	1420120	22mm ceramic plunger (each)
6325	Kit 2544	Ceramic plungers (3/kit)
6127	Kit 2546	Ceramic plungers (3/kit)
2536	Kit 2547	20mm pistons RK/RKA
5414	Kit 2628	1260120 plungers (3/kit)
3389	1260120	Ceramic plungers (each)
5318	1780070	Ceramic plunger (each)
5308	Kit 2629	1260210 18mm plungers (3/kit)
3390	1260210	18mm ceramic plunger (each)
6488	Kit 2746	1780080 18mm plungers (3/kit)
6489	Kit 2548	1940120 18mm plungers (3/kit)
6484	1941020	18mm ceramic plungers (each)
6336	42467	Piston Kit RCA, RC

AR Water Seal/Packing Kits

Part	AR No.	Kit
3401	1857	18mm water seals
3382	2520	15mm water seals Replaces kit 1866
3383	1874	18mm water seals
3402	1887	20mm water seals
6619	1888	22mm water seals
1006	2167	SJV pump water seals
6306	2189	15mm water seals
3571	2235	12mm water seals
6098	2278	20mm water seals XW-M
3425	2624	15mm water seals
4459	2741	15mm water seals
6476	2747	18mm water seals
4128	2782	20mm water seals
6478	2783	22mm water seals
6057	2798	XJV water seals
5021	2815	15mm Hot water seals
6477	2874	18mm water seals
6337	42469	RC and RCA water seals
6347	42476	RCV water seals
6809	42556	RRV water seal kit

AR Oil Seal Kits

Part	AR No.	Kit
3403	1855	Oil seals
4074	1856	Oil seals
3386	1860	Oil seals
3387	1872	Oil seals
6342	2188	Oil seals
3608	2236	Oil seals
1400	2591	Oil seals
6479	2781	Oil seals
6480	2786	Oil seals
6481	2787	Oil seals
6060	2797	Oil seals
6482	2873	Oil seals
6338	42474	RCA-E & RCV Oil seals
6409	42555	RRV series Oil Seals

AR Check Valve Kits

Part	AR No.	Kit
3398	1828	Check valves
3381	1864	Check valves
6063	2125	Check valves
6304	2186	Check valves
3493	2233	Check valves
6473	2780	Check valves
6474	2864	Check valves
6618	2869	Check valves
6475	2871	Check valves
6295	42123	RMV/RMW valves
6990	42762	Valves w/valve caps

AR Miscellaneous Parts

Part	AR No.	Kit
1715	2840250	Suction extension RMW
1735	2840260	Outlet extension RMW
6428	Kit 2280	Unloader Repair RSV
6653	Kit 42369	Unloader repair RSV 4000
6061	Kit 2858	Unloader repair XJV/SJV

AR Jetter Valves

Part	Item
5585	40235 for XT/XM pumps
5586	40161 for RK/XR pumps
5588	40236 for XW s pumps



AR Replacement Kit Chart

Pump Style	Check Valves	Water Seals	Oil Seals	Pistons	Unloader
RC, RCA-N	Kit 2186	Kit 42469	Kit 42468	Kit 42467	
RCA-E	Kit 2186	Kit 42469	Kit 42474	Kit 42467	
RCV	Kit 2186	Kit 42476	Kit 42474	Kit 42475	
RK 18mm 20mm 22mm	Kit 2864	Kit 1857 Kit 1887 Kit 1888	Kit 1855	Kit 2546/2757 Kit 2547 Kit 2759	
RKA 18mm 20mm 22mm	Kit 2864	Kit 1857 Kit 1887 Kit 1888	Kit 1856 E version Kit 1855 N version	Kit 2546 Kit 2547 Kit 2759	
RKV	Kit 1828	Kit 1857	Kit 1856	Kit 2546	
RMV G20/G23 RMV G25	Kit 2233 Kit 42123	Kit 2235 Kit 42122	Kit 2236	Kit 2234	42118
RMW 2.0/2.2 GPM RMW 2.5 GPM	Kit 2233 Kit 42123	Kit 42122 Kit 2235	Kit 2236	Kit 2234 Kit 42161	42118
RRV	Kit 1828	Kit 42556	Kit 42555	Kit 2544	
RSV 15mm	Kit 2186 (to 3200 PSI) Kit 42762 (above 3200)	Kit 2189	Kit 2188	Kit 2187	2280 42369
SJV	Kit 2869	Kit 2167	Kit 2797	Kit 2513	Kit 2858
SXMV 15mm	Kit 2125	Kit 2741	Kit 2787	Kit 2544	
SXW 18mm	Kit 2871	Kit 2874	Kit 2873	Kit 2548	
XM 15mm 18mm	Kit 1864	Kit 2741 Kit 2545	Kit 2786	Kit 2544 Kit 2747	
XMA 15mm 18mm	Kit 1864	Kit 2741 Kit 2747	Kit 2787 Hollow Kit 2786 Solid	Kit 2544 Kit 2545	
XMV 15mm	Kit 1864	Kit 2741	Kit 2787	Kit 2544	
XW 20mm 22mm	Kit 2780	Kit 2782 Kit 2783	Kit 2781	Kit 2542 Kit 2543	
XW-M 20mm	Kit 2780	Kit 2278	Kit 2781	Kit 2288	
XWA 20mm 22mm	Kit 2780	Kit 2782 Kit 2783	Kit 2781	Kit 2542 Kit 2783	
XWA-M	Kit 2780	Kit 2278	Kit 2781	Kit 2288	
XTA	Kit 1864	Kit 2520 15mm Kit 1874 18mm	Kit 1860 Hollow Kit 1872 Solid	Kit 2628 15mm Kit 2629 18mm	

GIANT PUMPS



Triplex Plunger Pumps Rails not included



Part	Pump	GPM	PSI	BHP	GHP	RPM	Shaft	Wt.
3166	P56W	6.1	1900	10.0	13.0	1420	24mm	18 lb
3158	P420A	13.0	2000	15.2	20.0	1450	28mm	36 lb
3148	P217RX	1.8 3.3	2000	5.9	7.7	1750 3450	24mm	11 lb
3155	P318R	5.5	2000	8.0	10.0	1450	24mm	
4992	P422R	10.0	2200	15.0	20.0	1450	28mm	36 lb
3149	P218	3.4	2500	5.9	7.7	1750	24mm	11 lb
3150	P219RX	4.2	2500	7.2	9.5	1750	24mm	11 lb
3153	P316RX		3000 2500	9.7	12.7	1450 1750	24mm	16 lb
4496	P316LX Short cover	3.9 4.7	3000 2500	9.7	12.7	1450 1750	24mm	16 lb
6277	P316L extended cover	4.7	2500	9.7	12.7	1450 1750	24mm	16 lb
3152	P321R	4.1	3200	9.0	11.8	3450	24mm	16 lb
3154	P317RX	3.7	3000	8.9	11.8	1800	24mm	16 lb



GX Horizontal Pump

Horizontal pump with unloader includes siphon injector, thermal relief valve, and engine mounting accessories. Retro fit pump for Ex-Cell XR series pressure washers.

Part	Product	Shaft
6077	GXH2525A-112H	7/8" Horizontal

Replacement Parts Chart

Pump	Packing Kit	Packing w/ weep Kit	Check Valve Kit	Plunger	Oil Seal Kit	Unloader Kit
P56W	09037	09061	09041	Kit 09539		
P205, P206, P207, P208, P210	09152		09116	06641	09144	
P217, P218, P219, P220, P221,	09164		09116	08455 pipe	09144	
P313, P314, P321 P316, P317, P319 P318, P320 P340	09152 09119 09145 09507		09116	08413 08455 pipe 08449 pipe 08455 pipe	09144	
P422R	09295		09143	06247 pipe	09641	
GX Series	09465		09466	06287	09468	09467
GXR Series	09465		09466	06287	09468	09534

Replacement Parts/Kits

Part	Giant	Description
4236	9037	Plunger Packing Kit
3163	9038	Plunger Packing Kit
2405	9061	Plunger Packing Weep
5957	9081	Plunger packing kit
3179	9089	Plunger packing weep
3507	9119	Plunger packing kit
5262	9138	Plunger packing kit
3172	9140	Plunger packing 25mm
3600	9141	Plunger packing 18mm
5990	9145	Plunger pack kit 20mm
3176	9152	Plunger packing kit
3508	9164	Plunger packing kit
5988	9167	Plunger seal kit
4485	9295	Plunger Packing Kit

Part	Giant	Description
5129	9039	Valve assembly
3169	9041	Valve assembly
3529	9116	Valve assembly
3164	9125	Valve assembly
3180	9143	Valve repair kit
3162	9154	Valve assembly kit
5994	9168	Valve assembly kit
5118	9466	Valve assembly kit
4490	9467	Unloader Kit GX
4493	9534	Regulator Kit GXR
3830	9144	Oil Seal Kit

Hypro Powerline Plus Plunger Pumps

Duplex Pumps

Rails included

Part	Pump	GPM	PSI	BHP	GHP	RPM	Shaft	Wt.
5070	2221B-P	2.1	1500	2.5	3.0	3450	3/4"	13 lb
5072	2231B-P	3.0	1500	3.0	4.0	3450	3/4"	13 lb
5069	2220B-P	2.1	2000	2.8	4.0	1725	3/4"	13 lb
5071	2230B-P	3.0	2000	4.0	5.0	1725	3/4"	13 lb



Triplex Pumps

Part	Pump	GPM	PSI	BHP	GHP	RPM	Shaft	Wt.
5451	2314B-P	4.0	1200	3.5	4.5	1450	3/4"	13 lb
5453	2414B-C3P	4.0	1800	5.0	6.5	800	1"	39 lb
5082	2413B-P	7.2	1800	9.0	11.5	1725	1"	39 lb
5083	2414B-P	8.0	1800	10.0	13.0	1725	1"	39 lb
5073	2330B-P	3.1	2500	5.5	7.0	1725	3/4"	13 lb
5077	2340B-P	4.2	2500	7.0	9.5	1725	3/4"	13 lb
5079	2410B-P	4.4	2500	7.5	10.0	1725	1"	39 lb
5078	2345B-P	4.8	2500	8.5	10.5	1725	3/4"	13 lb
5080	2411B-P	5.3	2500	9.0	12.0	1725	1"	39 lb
5081	2412B-P	5.9	2500	10.0	13.5	1725	1"	39 lb
5075	2359B-P	3.5	3000	7.0	9.5	1725	3/4"	13 lb
5466	2351B-P	4.0	3000	8.5	11.0	1725	3/4"	13 lb
5000	2430B-P	4.3	3600	10.5	14.0	1725	1"	39 lb



Hypro Replacement Kits

Part	Hypro Kit	Item	Qty
2483	3430-0319	Plunger Kit	3
2491	3430-0321	Plunger kit	3
5454	3430-0514	Plunger kit	3
5459	3430-0513	Plunger kit	3
5463	3430-0322	Plunger kit	3
3549	3430-0271	Plunger seal kit	1
5462	3430-0485	Plunger seal kit	1
5464	3430-0486	Plunger seal kit	1
3651	3430-0493	Plunger seal kit	1

Part	Hypro Kit	Item	Qty
5826	3430-0505	Plunger seal Kit	1
2494	3430-0316	Check valve kit	1
4245	3430-0506	Check valve kit	1
5332	3430-0491	Check valve kit	1
5962	3430-0492	Plunger Seal Kit	1
4509	9910-GS40GI	Control Assembly	
4500	9910-Kit1724	Repair Kit	

5300 Series Twin Piston Pumps

Please VERIFY solid or hollow shaft when ordering

Part	Pump	GPM	PSI	RPM	Shaft	Wt.
1568	5315C-HRX	1.5	500	1750	5/8" Hollow	10 lb
1567	5315C-RX	1.5	500	1750	5/8" Solid	10 lb
1223	5320C-HRX	2.0	500	1750	5/8" Hollow	10 lb
1493	5320C-RX	2.0	500	1750	5/8" Solid	10 lb
1574	5325C-HRX	2.5	500	1750	5/8" Hollow	10 lb
1576	5330C-HRX	3.0	500	1750	5/8" Hollow	10 lb
1575	5330C-RX	3.0	500	1750	5/8" Solid	10 lb
1572	5324C-H	2.9	800	1750	5/8" Hollow	10 lb
1570	5321C-H	2.2	1000	1750	5/8" Hollow	10 lb
1569	5321C	2.2	1000	1750	5/8" Solid	10 lb



5300 Series Replacement Parts

Part	Hypro Kit	Item
1580	3430-0010	Piston kit
1581	3430-0144	Piston kit (5321)
3573	3430-0191	Piston kit (5324)
1579	3430-0197	Check valves
2919	3430-0209	Sleeve assembly

5300 Injector Heads

Mounts directly on the pump, replacing the regular cylinder head. It feeds solution directly into the pump, mixing it with regular pump flow.

Part	Product
1577	3396-0006 for 5321 & 5324
1578	3396-0014 other 5300 pumps



UDOR PUMPS



High Pressure Plunger Pumps

Electric Flange Hollow Shaft



Part	Pump	GPM	PSI	HP	RPM	Shaft	Seal	Valve	Wt.
5489	PND2.0/20-Z	2.0	2000	3.0	1750	5/8"	UD-07	UD-01	13 lb
5491	PNL2.0/20-Z	2.0	2000	3.0	3400	5/8"	UD-07	UD-01	13 lb
5490	PND3.0/20-Z	3.0	2000	4.0	1750	5/8"	UD-07	UD-01	13 lb
5492	PNL3.0/20-Z	3.0	2000	4.0	3400	5/8"	UD-07	UD-01	13 lb
5502	MD4.0/30-U	4.0	3000	8.0	1750	1-1/8"	UD-28	UD-02	26 lb
5503	MD5.0/30-U	5.0	3000	10.5	1750	1-1/8"	UD-28	UD-02	26 lb

Gas Flange Hollow Shaft



Part	Pump	GPM	PSI	GHP	RPM	Shaft	Seal	Valve	Wt.
5493	PNL3.0/20-T	3.0	2000	6.0	3400	3/4"	UD-07	UD-01	12 lb
5494	PNL3.0/25-T	3.0	2500	7.0	3400	3/4"	UD-07	UD-01	12 lb
5504	ML3.5/30-W	3.5	3000	9.5	3400	1"	UD-28	UD-02	25 lb
5505	ML4.0/30-W	4.0	3000	11.0	3400	1"	UD-28	UD-02	25 lb
5506	ML5.0/30-W	5.0	3000	13.5	3400	1"	UD-28	UD-02	25 lb

Solid Shaft

Rails not included



Part	Pump	GPM	PSI	BHP	GHP	RPM	Shaft	Seal	Valve	Wt.
5488	PND3.0/20-S	3.0	2200	4.5	6.0	1750	24mm	UD-08	UD-01	12 lb
5495	MC13/20-S	3.5	3000	7.0	9.5	1450	24mm	UD-28	UD-02	22 lb
5499	MC15/20-S	4.0	3000	8.0	11.0	1450	24mm	UD-28	UD-02	22 lb
5500	MD4.0/30-S	4.0	3000	8.0	11.0	1750	24mm	UD-28	UD-02	22 lb

Super Duty Pumps

1" Gas Flange Hollow Shaft

Part	Pump	GPM	PSI	GHP	RPM	Seal	Valve	Wt.
6504	MKL 4.0/35-W	4.0	3500	13.0	3400	UD-7	UD-30	27 lb
6505	MKL 4.0/40-W	4.0	4000	16.0	3400	UD-7	UD-30	27 lb
5507	MKL 5.0/35-W	5.0	3500	16.0	3400	UD-28	UD-30	24 lb

Gear Reduced Gas Flange Hollow Shaft

Shaft can be either 1" or 1-1/8", please specify
2.2:1 gear reduction

Part	Pump	GPM	PSI	GHP	RPM	Shaft	Seal	Valve
6515	GKC38/17-GR	10.0	2500	20.0	1450	Specify	UD-12	UD-3
6507	MKC18/24-GR	5.0	3500	16.0	1450	Specify	UD-09	UD-30
6514	GKC26/24-GR	7.0	3500	20.0	1450	1"	UD-10	UD-31
6665	GKC26/24-GR	7.0	3500	20.0	1450	1-1/8"	UD-10	UD-31
6506	MKC 15/28-GR	4.0	4000	16.0	1450	Specify	UD-28	UD-30
6513	GKC17/28-GR	4.5	4000	16.0	1450	Specify	UD-10	UD-31



24mm Solid Shaft

Rails not included

Part	Pump	GPM	PSI	BHP	GHP	RPM	Seal kit	Valve kit
6512	GKC 38/17-S	10.0	2500	17.0	22.0	1450	UD-12	UD-3
5501	MKD 5.0/35-S	5.0	3500	12.5	16.0	1750	UD-28	UD-30
6511	GKC 26/24-S	7.0	3500	17.0	22.0	1450	UD-10	UD-31
6145	MKC 13/28-S	3.5	4000	10.0	15.0	1450	UD-28	UD-30
5498	MKC 15/28-S	4.0	4000	10.0	15.0	1450	UD-28	UD-30
6509	GKC 17/28-S	4.5	4000	12.5	16.0	1450	UD-10	UD-31
6510	GKC 21/28-S	5.5	4000	15.0	20.0	1450	UD-10	UD-31



DIAPHRAGM PUMPS

UDOR Replacement Parts

Part	Udor No.	Item
5514	UD-07	Seal kit
5516	UD-09	Seal Kit
5517	UD-10	Seal kit
5518	UD-11	Seal kit
5519	UD-12	Seal kit
5528	UD-28	Seal kit
5520	UD-13	Brass retainer kit "P"
5525	UD-18	Brass retain kit "G"
5526	UD-19	Brass retainer kit "G"
5529	UD-29	Brass retainer kit "M"
5508	UD-01	Valve kit
5509	UD-02	Valve kit
5510	UD-03	Valve Kit
5018	UD-30	Valve Kit
6516	UD-31	Valve Kit

Part	Udor No.	Item
5531	1205.35	15mm plunger (ea.)
5533	1205.30	18mm plunger (ea.)
5534	1205.31	20mm plunger (ea.)
5535	1205.32	22mm plunger (ea.)
5537	1205.33	25mm plunger (ea.)
5538	1205.34	28mm plunger (ea.)
5512	UD-O5	Plunger o-ring kit
5513	UD-06	Plunger bolt & oring kit
5532	1603.69	Oil sight glass M & P
5530	P-6058.26	Vent cap M, P, & G

Pump Rails

Part	Udor No.	Item
6518	8702.08	G Series Medium rail kit (1-3/4")
6519	8702.25	G Series Tall rail kit (2-1/2")
6517	8702.07	G Series Standard rail kit (7/8")
5272	8702.10	P series standard rail kit (7/8")



Diaphragm Pumps



- Self priming up to 8 feet
- Chemical resistant materials
- Can run dry without damage
- 3/8 FPT inlet/outlet
- Santoprene diaphragm
- EPDM Valve

Mount with wet end down to prevent damaging the motor in event of a seal leak.

Part	Pumps	GPM	PSI
3095	8000-443-236 12v	1.8	60
6751	8000-543-238 12v	1.8	100
3096	8005-233-236 115v	1.4	60
6203	8000-813-238 115v	1.6	100

Shur-Flo Accessories



Part	Model	Item
3131	94-385-32	Santoprene Diaphragm Kit
4149	94-380-02	115 volt pump head
3100	94-375-06	Santoprene switch 60 PSI
3044	94-422-908	Santoprene switch 100 PSI
3098	94-390-05	Viton valve kit
3097	94-390-06	EPDM valve kit
3099	94-395-06	Santoprene Diaphragm
3043	94-395-05	Viton diaphragm kit
3763	1/2" FPT	Wingnut x 3/8" barb
3101	1/2" FPT	Wingnut x 3/8" elbow barb
3465	8-145-00	3/8" mpt x 1/2" adapter

Everflo Diaphragm Pumps



Everflo repair kit. Simply remove pump head with 6 screws.

- 12v DC
- 140°F. maximum
- Polypropylene pump housing and valve plate
- Viton® valves
- Santoprene® diaphragm

- Zinc-plated steel fasteners
- Honeywell Micro switch™
- Inline fuse protection
- CE approved

Part	Pumps	GPM	PSI
4707	EF100	1.0	40
4708	EF2200	2.2	70
4709	EF3000	3.0	60
4710	EF4000	4.0	60
4713	EF5500	5.5	60
4719	EF7000	7.0	60
4685	EF2200 Kit		
4686	EF3000 Kit		
4689	EF4000 Kit		
4697	EF5500 Kit		
4699	EF7000 Kit		

DIAPHRAGM PUMPS

Diaphragm Pumps



Features Duraphragm technology that extends the life of the diaphragms by shielding them from direct contact with the chemical inlet.

Compatible with aggressive softwash chemicals. Hexagonal manifolds for smooth and quiet operation

Fits standard engines with 3/4" keyed shaft
Includes gear box and pressure regulator

MC25 Pump



- 4.9 GPM
- 362 PSI
- 1.5 HP
- 35mm suction
- 1" outlet
- 140° F. max

Part	Pump
3975	2 Diaphragms
7027	Diaphragm kit (2/pump)
3989	Repair kit (valves, diaphragms, o-rings)

MP30 Pump



- 7.7 GPM
- 435 PSI
- 2.3 HP
- 35mm suction
- 1" outlet
- 140° F. max

Part	Pump
7025	2 Diaphragms
7027	Diaphragm kit (2 /pump)
7026	Repair kit (valves, diaphragms, o-rings)

P36/10-GR Pump



- 9.3 GPM
- 145 PSI
- 0.9 HP
- 35mm suction
- 1" outlet
- 140° F. max

Part	Pump
7022	32 Diaphragms
7024	Diaphragm Kit (3/pump)
7023	Repair kit (valves, diaphragm, o-rings)



Diaphragm Pumps

Semi-hydraulic two and three diaphragm pumps for use in the gardening, agricultural, lawn and turf sectors.

* Indicates fits standard engines with 3/4" keyed shaft. **Includes gear box and pressure regulator**

AR45 Polypropylene Pump

Liquid Fertilizer Pesticide (LFP)



- 6.5 GPM
- 290 PSI
- 2.1 HP
- 35mm suction
- 1" outlet
- 140° F. max

Part	Pump
7053	*AR45LFP-GR-GCI
3991	AR43238 Viton seal kit
4006	AR42816 Check valve kit

AR252 PUMP



- 6.5 GPM
- 362 PSI
- 1.42 HP
- 3/4" suction
- 3/8" outlet
- 1/2" bypass
- 140° F. max

compare to Hypro D252

Part	Pump
7036	*AR252-GR-GCI3/4
4008	AR43279 Desmopan seal kit
4014	AR43281 Blue flex seal kit
3033	AR2408 Check valve kit

AR30 PUMP



- 9.6 GPM
- 580 PSI
- 2.9 HP
- 1" suction
- 1/2" outlet
- 140° F. maximum

compare to Hypro D30

Part	Pump
7038	AR30-SP
7037	*AR30-GR3/4-GCI
3035	AR43285 Blue flex seal kit
3062	AR43283 Desmopan seal kit
3072	AR1917 Check valve kit

Beacon Pump Lube

API 10w30 non-detergent
ISO VG 68

Part	Product
5710	Case 12 32 oz
1753	32 oz bottle



Genuine Pump Oil

Series 100
30 weight non detergent.
Specifically formulated for use
in high pressure plunger pumps

Part	Product
4021	Case 6- 16 oz
5864	Case 24-16oz
4022	16 oz bottle



Pump Oil

SAE 20W 50

Part	Product
4724	32 oz bottle



Packing Extraction Kit

Comes with handy carrying case, and
includes a slide hammer, 13mm, 15mm,
18mm, 20mm, 22mm, and 24mm sockets

Part	Product
4030	Extraction kit
4012	Slide hammer head
4029	13mm socket
3640	15mm socket
4084	16mm socket
4194	18mm socket
4041	20mm socket
5936	22mm socket
5378	24mm socket
1628	Carry Case
1189	Socket screw
3859	Slide pin



Note: complete
slide hammer order
parts 4012, 1189,
and 3859



6100 Original Pump Oil

Cat Pumps custom blend crankcase oil is
exclusively designed, tested and proven to
maximize the life of your Cat Pump. ISO 68
hydraulic oil

Part	Product
4019	Case 12-21 oz
4020	21 oz bottle
5711	5 gal. twin pak



Triplex Pump Oil

Specially formulated crankcase oil for high pressure pumps.
contains anti-wear, rust inhibitors
and deoxidizer additives. Forms
a barrier that prevents metal to
metal contact.

Part	Item
6602	AR64516 Case 12-16 oz.
6603	16oz bottle



Synthetic Pump Oil

Specifically formulated for the XJ, SJV, RM,
and BK pump series. DO NOT CHANGE
OIL. Use oil only to add if low.

Part	Item
2787	AR64545 Case 24-4.5oz
6601	4.5 oz. bottle



Maintenance Meter

For 1 or 2 cylinder gasoline
engines. Use to allow regular
preventive maintenance. Benefit
with increased fuel economy, less
down time, and longer engine life.



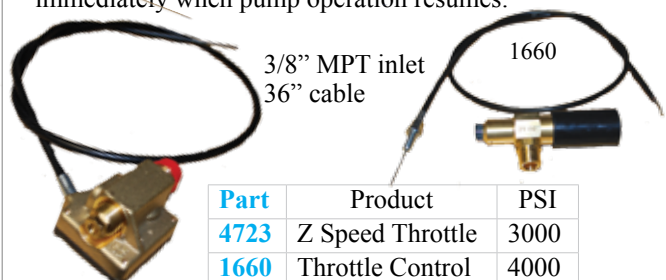
3 FUNCTIONS:

- Hour Meter:** records actual running time of engine. Non-erasable.
- Service Alert:** Warns when lube & oil change is needed in 25 hour intervals. Will flash for 2 hours while engine runs.
- Tachometer:** Displays RPM up to 9,000 RPM.

Part	Product
4188	Maintenance meter

Engine Throttle Control

Save wear and tear on pump and engine. Reduce engine
speed in bypass mode. Returns to full operating RPM
immediately when pump operation resumes.



3/8" MPT inlet
36" cable

1660

Part	Product	PSI
4723	Z Speed Throttle	3000
1660	Throttle Control	4000



Pump Oil

Specially formulated for use in all high
pressure industrial piston pumps. Uni-
versal transmission oil (UTTO). 30 wt.
non detergent and non-foaming. AW100
rated for superior oxidation protection.

Part	Item
6969	Case 12-32 oz
6970	32 oz. bottle



BALDOR MOTORS



Please pay attention to RPM, voltage ratings and shaft size. If you are not sure ask for assistance while ordering

Single Phase, Rigid Base, C-Face Open Drip Proof (ODP)



3329

- Ball bearing design
- Manual thermal overload in conduit box
- UL & CSA recognized component approval
- 200°C. copper windings

Part	Baldor	Shaft	Frame	HP	RPM	Voltage	Amps	Wt.
2550	PCL1322M	5/8"	56C	2.0	1725	115/230	18/9	48
2552	CL1408TM	1-1/8"	184TC	3.0	1725	115/230	32/16	82
2554	PCL1327M	5/8"	56HCY	5.0	3450	230	23	58
3329	Special	3/4"	56C	5.0	3450	230	23	58
2555	CL1410TM	1-1/8"	184TC	5.0	1725	230/208	23/25	91

Single Phase, Rigid Base, C-Face Totally Enclosed, Fan Cooled (TEFC)



3123

Part	Baldor	Shaft	Frame	HP	RPM	Voltage	Amps	Wt.
3122	PCL3514M	5/8"	56C	1.5	1725	115/230	12/6	53
3121	PCL3513M	5/8"	56C	1.5	3450	115/230	13/7	41
3123	PCL3515M	5/8"	56C	2.0	3450	115/230	18/9	46
3126	CL3619TM	1-1/8"	184TC	3.0	1725	230	13.2	84
3125	PCL3519M	5/8"	56C	3.0	3450	230/208	13/12.5	55
3128	CL3612TM	1-1/8"	184TC	5.0	1725	230	23	104
3127	CL3608TM	1-1/8"	184TC	5.0	3450	230	19.5	94



3 Phase TEFC Motors

Part	Baldor	Shaft	Frame	HP	RPM	Voltage	Amps	Wt.
2664	CEM3615T	1-1/8"	184TC	5.0	1750	208/230/460	13/7	81

Rigid Base for Belt Drive units



Part	Baldor	Shaft	Frame	HP	RPM	Voltage	Amps	Wt.
5251	EM3770T	1-3/8"	213T C	7.5	1760	230/460	25/12.5	176
5252	EM3774T	1-3/8"	215TC	10.0	1760	230/460	25/12.5	204

Motors Made ready (MMR)



Replacing an electric motor has been made easier with our motors made ready. Electrical cord is pre wired so all you have to do is pull off your old motor and slide on the new.

Motors pre-wired with switch, 36' cord and ground fault

Part	Baldor	Type	Shaft	Frame	HP	RPM	Voltage	Amps	Wt.
2654	PCL1322M	ODP	5/8"	56C	2.0	1725	115/230	18/9	48
3201	PCL3514M	TEFC	5/8"	56C	1.5	1725	115/230	12/6	53
5270	PCL3513M	TEFC	5/8"	56C	1.5	3450	115/230	13/7	41
3584	PCL3515M	TEFC	5/8"	56C	2.0	3450	115/230	18/9	46

Motor pre-wired with cam switch and 10-3 20 foot cord only

Part	Baldor	Type	Shaft	Frame	HP	RPM	Voltage	Amps	Wt.
3332	Special	ODP	3/4"	56C	5.0	3450	230	23	58



Generators

- 2000 watts
- 3600 RPM
- Shaft diameter: 5/8"
- Motor starting cap:1/2hp
- Receptacles 120v
- Volts @ 60hz: 120
- Rated AC amps: 16.7
- Weight: 59 lbs.

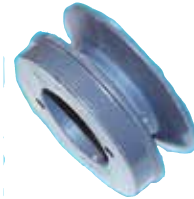


Part	Product
3935	2SFM2PC-1AC generator
2441	23607 AC brush (3 required)
2446	41171 capacitor (2 required)
2433	55223 bearing 6203-2RS
2448	64640-000 fan
2442	91452 rectifier

Pulley Sheaves

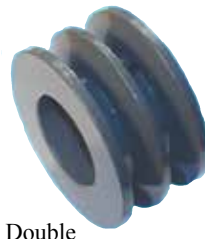
Single Groove

Part	Model	OD
3948	BK34H	3.55"
3949	BK40H	3.95"
3950	BK45H	4.25"
3951	BK47H	4.45"
3952	BK52H	4.95"
3953	BK55H	5.25"
3956	BK70H	6.75"
3957	BK80H	7.75"



Double Groove

Part	Model	OD
3959	2BK32H	3.35"
3961	2BK36H	3.75"
3808	2BK40H	3.95"
3962	2BK45H	4.25"
3963	2BK47H	4.45"
3964	2BK50H	4.75"
3965	2BK52H	4.95"
3970	2BK70H	6.75"
3971	2BK80H	7.75"
3828	2BK90H	8.75"

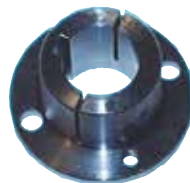


Double

H-Bushings

Part	Size
3855	5/8"
3812	3/4"
3813	7/8"
3810	1"
3814	1-1/8"
3972	1-3/8"
4739	1-7/16"

Part	Size
3976	20mm
4105	22mm
3811	24mm
3815	25mm
3977	28mm
3978	30mm
3816	32mm
3817	35mm



Pulley Chart

Recommended pulley sizes for gasoline engines and electric motors. Your machine specifications may differ from these.

3400-3450RPM engine/motor

RPM	3400	1750	1450
Pump	4.25	7.75	7.75 8.75
Motor	4.25	3.95	3.35 3.75

1725 RPM electric motors

RPM	1750	1450	1125	1100	1050	950	750
Pump	4.75 6.75	6.75 4.95	7.75 6.75	6.75 7.75	7.75	7.75 6.75	7.75 8.75
Motor	4.95 6.75	5.75 4.25	4.95 4.45	4.25 4.95	4.75	4.25 3.75	3.35 3.75

Ground Faults (GFCI)

User Attachable Right Angle

- NEMA5-15P
- Accepts cord SJT to 12 AWG
- Outdoor rated
- UL & CSA approved

Part	Product
2291	120v/15amp
3593	125v/20amp



2291

Shock Shield User Attachable

- No switches or wires to change automatically senses input voltage
- UL & CSA approved
- 2 tubes of sealant included

Part	Product
2293	115/240v 15/20a
6681	120v 20a



Heavy Duty In-Line Cord

- Outdoor rated
- UL & CSA approved
- NO PLUG ON 220 volt cords**
- 3 HP motor maximum



Part	Product
5549	110v/15amp 36' cord
5550	110v/20amp 36' cord
3689	220v/30amp 25' cord

GAUGES

Pressure Gauges



- 2-1/2" face
- 1/4" MPT stem
- 140°F. maximum
- Glycerine filled

Part	PSI	Type
4168	0-300	Stainless steel
4169	0-1000	Stainless steel
2426	0-3000	Stainless steel
2427	0-5000	Stainless steel
2468	0-5000	Back mount
5449	Back	Mount bracket
6197	0-10000	Stainless steel



Vacuum Gauge

- 2-1/2" Face plate
- 30 Hg graduation
- 1/4" stem

Part
4744

Fuel Pressure

- 0-300 PSI
- 2" face plate
- 1/4" mpt brass stem

Part
2423



Temperature

- 50° to 400° F.
- 3000 PSI
- 2" face plate
- 1/4" MPT
- Stem 2-1/2"

Part
2428



Temperature Test

400°F. maximum

Part
6620



Pressure Test

5000 PSI Quick connected pressure gauge for quick testing of pumps during repair and installation of new equipment. **Steel quick connect plug, NOT BRASS.**

Part
5744



Pressure/Temp Test

Test pump pressure up to 3000 PSI, and water temperature to 176°F. 3/8" quick connects for easy testing.

Part
3509



Fuel Pressure Test

Fuel pump pressure testing is simple with this adapted gauge. Test up to 300 PSI.

Part
2422



Inline Fuel Filters



Part	Product
3056	1/4" metal filter
3057	5/16" metal filter
1559	5/16" plastic filter

Engine Filters for BRIGGS

Oil Filter

3" high



Part	Product
1511	Replacement for Briggs
1021	491506 Original Briggs

Round Air Cleaners

4.25" dia x 3.75" high
For 7 to 16 HP horizontal engine



Part	Briggs No.
1503	393957 air cleaner
1504	271794 precleaner



7.25" dia x 2.25" high
For (L Head), horizontal, vertical, twin, v-twin, & OHV Vanguard



Part	Briggs No.
1508	394018 air cleaner
1509	272490 pre cleaner

HONDA Replacement Air Filters



Part	Product
3781	GX160-200
3782	GX340-390
4055	GX240-270

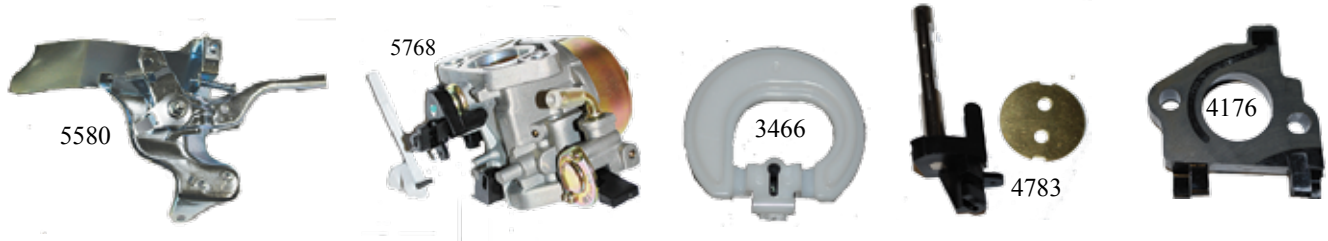
Foam Pre Filters



Part	Product
4786	GX160-200
4787	GX240-270
4788	GX340-390

All parts for Honda engines are after market and not original Honda parts

Carburetor Components



Part	Product
5760	Carburetor GX160
3249	Carburetor repair kit GX160
5761	Carburetor GX200
3295	Carburetor repair kit GX200
5768	Carburetor GX240
3296	Carburetor repair kit GX240
5777	Carburetor GX270
3299	Carburetor repair kit GX270
5787	Carburetor GX340
3313	Carburetor repair kit GX340
5791	Carburetor GX390
3316	Carburetor repair kit GX390
5576	Throttle control GX160-200
5580	Throttle control GX240-270
5582	Throttle control GX340-390
4177	Control springs GX160-200
4178	Control springs GX240-270
4179	Control springs GX340-390
3960	Needle valve GX160-200
3967	Needle valve GX240-390
3423	Float chamber set GX160-200
3429	Float chamber set GX240-390
3435	Float set GX160-200
3466	Float set GX240-390
3468	Choke set GX160-200
3502	Choke set GX240-270
3514	Choke set GX340
3519	Choke set GX390

Part	Product
4326	Choke Lever GX160-390
4775	Throttle set. GX160-200
4776	Throttle set GX240-270
4779	Throttle set GX 340
4783	Throttle set GX390
3849	Governor arm GX160-200
3903	Governor arm GX240-270
3938	Governor arm GX340-390
4767	Governor slider GX series
4516	Carburetor jet GX160-200
4548	Carburetor jet GX240-270
4586	Carburetor jet GX340-390
4399	Carburetor nozzle GX160
4402	Carburetor nozzle GX200
4470	Carburetor nozzle GX240
4484	Carburetor nozzle GX270
4487	Carburetor nozzle GX340
4515	Carburetor nozzle GX390
4172	Carburetor insulator GX160
4173	Carburetor insulator GX200
4174	Carburetor insulator GX240-270
4175	Carburetor insulator GX340
4176	Carburetor insulator GX390

Head Gasket

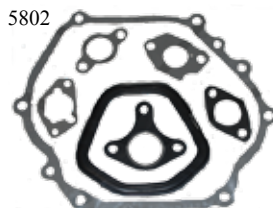
Part	Product
5792	GX160
5793	GX200
5794	GX240
5795	GX270
5798	GX340
5799	GX390



Gasket Kit

Includes crankcase, exhaust and 3 carb gaskets

Part	Product
5800	GX160
5801	GX200
5802	GX240
1037	GX270
5803	GX340
5805	GX390



Fan cover Shroud



Part	Product
3551	Cooling fan GX 160-200
3556	Cooling fan GX240-270
3580	Cooling fan GX340-390
5472	Red fan cover shroud GX160
4867	Black fan cover shroud GX160-200
5583	Red fan cover shroud GX200
5574	Red fan cover shroud GX240-270
4894	Black fan cover shroud GX240-270
5584	Red fan cover shroud GX340-390
4895	Black fan cover shroud GX340-390

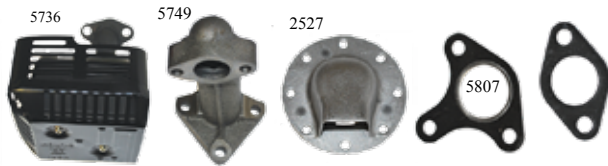
HONDA ENGINE PARTS

Recoil Start Assembly



Part	Product
5690	Red GX160-200
4857	Black GX160-200
5681	Red GX240-270
4859	Black GX240-270
5682	Red GX340-390
4865	Black GX340-390
5577	Handle w/60" cord
5689	Recoil starter handle GX160-390
3837	Recoil starter pulley GX160-200
3841	Recoil starter pulley GX240-270
3843	Recoil starter pulley GX340-390
4297	Recoil starter spring GX160-200
4309	Recoil starter spring GX240-390
3831	Starter ratchet kit GX160-390
4764	Metal pawl GX160-200

Muffler Accessories



Part	Product
5736	Muffler w/elbow GX160-200
5740	Muffler GX240-270
5741	Muffler GX340-390
5749	Exhaust pipe GX240-390
5896	Gasket set GX160, GX200
5807	Gasket set GX340-GX390
5364	Exhaust deflector kit GX160, GX200
2527	Exhaust deflector kit GX240-GX390
2969	Muffler Protector GX160, GX200
2979	Muffler protector GX240, GX270
3013	Muffler protector GX340, GX390
3692	Muffler spark arrestor GX160
3695	Muffler spark arrestor GX200
3700	Muffler spark arrestor GX240, GX270
3731	Muffler spark arrestor GX340
3734	Muffler spark arrestor GX390

Cylinder Head Components



Part	Product
4125	GX160 cylinder head assembly
4148	GX200 cylinder head assembly
4164	GX240 cylinder head assembly
4167	GX270 cylinder head assembly
4170	GX340 cylinder head assembly
4171	GX390 cylinder head assembly
3851	Set Intake & exhaust valves GX160-200
3862	Set Intake & exhaust valves GX240-270
3863	Set Intake & exhaust valves GX340-390
3156	Rocker arms GX160-200
3159	Rocker arms GX240-390
3173	Retainers intake & exhaust GX160-200
3206	Retainers intake & exhaust GX240-390
3882	Set valve lifters GX160
3894	Set valve lifters GX200
3899	Set valve lifters GX240-390
4061	Head cover GX160-200
4076	Head cover GX240-270
4115	Head cover GX 340-390
4184	Set (2) valve springs GX160-200
4215	Set (2) valve springs GX240-390
4181	Set (2) valve rotator GX160-200
4183	Set (2) valve rotator GX240-390
4288	Push rod GX160-200
4289	Push rod GX240-270
4295	Push rod GX340-390

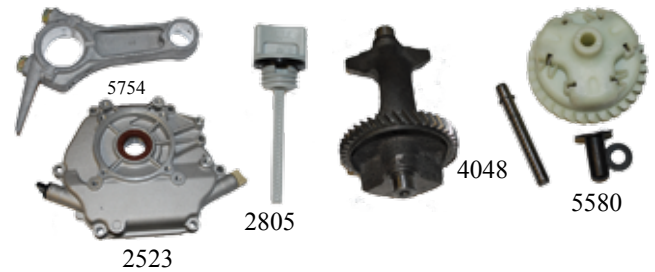
Fuel Tanks & Accessories



Tanks have cap, filter and joint

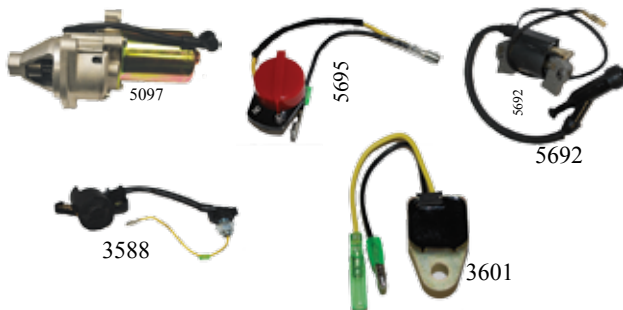
Part	Product
5589	Fuel tank GX160, GX200
4845	Black fuel tank GX160-200
5590	Fuel tank GX240-390
4856	black fuel tank GX240-390
4371	Fuel hose GX160-200 4.5mm x 145mm
5666	Fuel hose GX240-390 4.5mm x 235mm
5667	Fuel tank joint GX series
5657	Fuel tank cap GX series (poly w/gasket)
5898	Gas Cap Chrome GX
3674	Fuel tank outlet valve assembly. GX 160-390
5592	GX fuel filter and holder

Camshaft/Crankshaft Parts



Part	Product
2360	Governor drive gear assy. GX160
2402	Governor drive gear assy. GX200
2362	Governor drive gear assy. GX240-270
2456	Governor drive gear assy. GX340-390
5754	Connecting rod GX160
4345	Connecting rod GX200
5755	Connecting rod GX240-270
5756	Connecting rod GX340-390
4756	Crankcase side cover assy GX160-200
2474	Crankcase side cover assy GX240-270
2523	Crankcase side cover assy GX340-390
1916	Oil plug GX160-200
2473	Oil plug GX240-390
2599	Oil dipstick GX160-200
2805	Oil dipstick GX240-390
2813	Bearing GX160-200
2864	Bearing GX240-390
4232	Oil seal GX160-200
4233	Oil seal GX240-270
4258	Oil seal GX340-390
4031	Balancer weight GX240-270
4048	Balancer weight GX340-390

Electrical Components



Part	Product
5097	Electric start GX340-390 No solenoid
5695	On-off switch (long wire)
4760	On/off switch wire only GX160-270
3827	Ignition coil GX160-200
5692	Ignition coil GX240-270
5693	Ignition coil GX340-390
1741	Oil Level Switch assy. GX240-270
3588	Oil level switch assy. GX340-390
3591	Low oil level alert unit GX240-270
3601	Low oil level alert unit GX340-390
5809	Spark plug cap GX
3001	Torch F6RTC plug GX160-390
2930	NGK BPR6ES plug (original)

Air Cleaner Assembly



Part	Product
5678	GX160-200
5679	GX240-270
5680	GX340-390
5895	GC series engines
2858	Wing Nut GX 160-390
4829	Grommet/washer GX
4362	Breather Tube GX160-200
4361	Breather tube GX 240-390

BURNER PARTS

Wayne 12volt Burner Assembly



Features:

- 12v solid state constant duty ignitor
- 12VDC, permanent magnet motor
- Flamelock results in improved efficiency and lower emissions
- Low nozzle temperatures
- Controlled flame pattern

- Firing capacity: 0.50 to 2.75 BPH
- Fuel pump: Compact 3450rpm, single stage
- Motor: 12VDC permanent magnet, 4500 rpm
- Ignition: 20,000v/28MA/50VA secondary

Part	Product
4137	MSR-DC

Wayne EHASR Burner Assembly

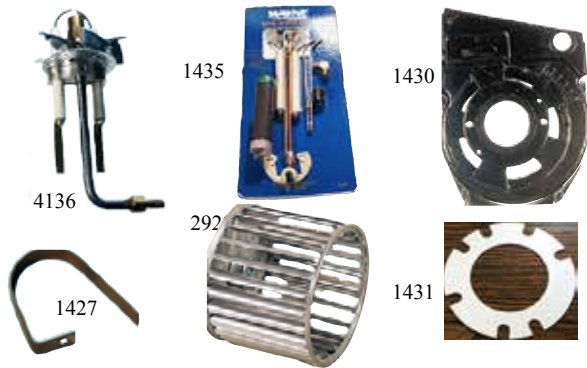


- Lower emissions
- Quiet stops and starts
- UL listed
- Firing cap: 0.75 to 3.00 BPH
- Fuel pump: 3450 RPM
- Motor: 3450 rpm
- Ignition: 10,000v/23MA

Fuel nozzle & solenoid sold separately

Part	Product	Volts	Fan
3603	239-001 EHASR	115	6-1/4"
3604	239-005 EHASR	230	6-1/4"

Wayne Burner Parts



Part	Product
4136	31762-005 Fuel gun assembly
1430	3142-001 Wayne E Housing 6.25"
1435	31156 Burner tune up kit (E&M)
1429	13286 Electrodes (2/pack)
1425	20288 Blower 3.44" x 5 1/4" Model E
1426	21854 Blower 6 1/4" x 4" Model E
2920	21427 Blower 12v 4 1/4" x 3 1/2" 1/2" shaft
5591	10137 Blower 12v 4.5"x2.44" 5/16" shaft
1431	12484 Large standard gasket
1428	13279 Coupling, Model "E"
2604	14451 6" oil line assembly
2605	8" oil line assembly
1427	12945 SER buss bar, G-shape



GeniSys 12v advanced burner control is a 12Vdc primary safety control for oil burners used in special applications such as water heaters, pressure washers, crack sealers, and portable heaters having firing rates less than 5.5 GPH.

- Used with a suitable cad cell flame sensor to control the oil burner motor, ignitor, and optional solenoid valve.
- Has 12 volt enable input compatible with mechanical and high limit switches.
- Can provide interrupted or intermittent duty ignition, and it has a 15 second lockout time on flame failure

Contractor Tool



- With sturdy shock absorbing design made for the contractor's tool box
- Enables contractor to access the advanced features of the GeniSys control. Communicates current and previous 15 cycles of history for ease of diagnostics

Part	Product
6639	GeniSys 7556 12v System
6640	52082 Contractor Tool



Burner Parts



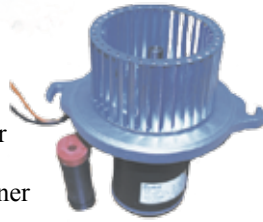
Part	Product
2952	5780 Electrode assembly tubes under 9"
2453	5782 Electrode Assembly tube over 9"
4541	7006U Cad cell flame detector
3302	7135U cad cell with 54" leads
2951	2288U Blower wheel "S" 5 3/4 x 3-7/16"
2949	2383U Blower wheel "S" 6 1/4 x 3-7/16"
6803	2999AU Blower wh 12V 4 1/4 x 2-7/16"
2607	2290 Coupling 7/16" shaft S series
2606	2454 Coupling 5/16" shaft A series
2614	3616 Gasket, Universal
2604	5636 6.5" connect tube assembly (A, AF)
2605	5394 8" connect tube assembly (S, SF, SM)

Burner Motors



12v Motor

- More robust 1/2" motor shaft
- Standardized couplings & blower wheels reduces inventory
- Compatible with Wayne 12v burner



Part	Product
5173	52145U Beckett 12v ADC comes with 2999 blower wheel and 2140501 coupling

Wayne 12v Motor

- 1/6 HP
- 3950 RPM

Part	Product
3065	101126-002



Motors

- 3450 RPM
- ccw rotation
- Thermally protected
- M frame 6 3/4" flange
- N frame 7 1/4" flange



2947

Part	Product
2946	1/7 HP 120v 48M frame w/capacitor
2947	1/7HP 220v 48M frame non capacitor
1214	1/5 HP 115v 48N frame non capacitor
4095	1/4HP 115/230v w/capacitor
1432	1/4 HP 220v 48N frame non capacitor



Reliable transformer testing! Lightweight, compact, instant results!

A fast, portable, dependable way to instantly test transformers and electronic ignitors!

Easy to use and makes service calls a breeze. Simply touch the high voltage spheres to the high contacts of any brand transformer or ignitor and the green LED lights up if the unit is good.



Part	Product
6748	Chek-Mate

Electronic Ignitors

Omni Ignitor™

Have the proper ignitor in stock at all times!

The omni ignitor will replace most ignitors on the market today. By using the Omni with its universal mounting plate, remove the defective ignitor and attach to the ignitor's plate.



Omni mounts to mounting bases manufactured by Beckett, Wayne, Carlin, France.

Part	Product
6745	12vdc Omni Ignitor
6746	120v Omni Ignitor
6747	240v Omni Ignitor
6759	2604 Base Plate Beckett "A", "AF"
6758	2601 Base Plate Beckett "S" end mount
6760	2603 Base Plate Wayne "E" side mount
6761	2602 Base Plate Wayne "M" & "MH"

PowerLight 12vdc Ignitors

Beckett's new Powerlight ignitors offers improved performance and longer life. Easy to install and is designed as a universal replacement in Beckett and other manufacturer's burners.



Features and Benefits:

- External heat sink eliminated for improved performance and reduced frequency of replacement due to overheating and arcing.
- Easy change to interrupted ignition to increase ignitor life and save energy.
- Lightweight, single piece design is compatible with Beckett and other burners to reduce required inventory
- Fully potted with improved epoxy to withstand thermal shock and protect electronic components: waterproof
- Simplified wiring requirements and fewer wires for ease of installation
- Cad cell not installed

Part	Burner Model
6948	5218309U Ignitor only
6946	5218301U Beckett A, AF w/Cad Cell
6947	5218303U Beckett S w/cad cell
6949	5218305U Wayne EHR w/cad cell
6950	5218307U Wayne MSR w/cad cell

IGNITORS/TRANSFORMERS

120v Electronic Igniters

- Beckett igniters are ALL end mount
- Base length of A, AF igniters 5 3/4"
- Base length of S igniters 7 1/2"
- Wayne "E" igniters are side mount
- Wayne "M" igniters are end mount



4545



4887

Part	Burner Model
5054	51838U ignitor only
4887	51771U Beckett A, AF w/base
4538	51824U Beckett S w/base
4545	51827U Wayne E w/base
5111	51825U Wayne M w/base
4471	Terminal kit

240v Electronic Igniters

Part	Burner Model
6416	5199701U Beckett A w/base
6411	5199702U Beckett S w/base
6414	5199708U Wayne E w/base
6415	5199707U Wayne M w/base

Transformers

Known as "iron core" transformer, it draws 120 vac into the primary coil. The steel plates of the transformer core transfer the primary coil's 60Hz magnetic field to the secondary coil.

The secondary coil uses this field to produce a high output voltage of 10,000 VRMS open circuit (when there is no secondary current flowing) that has a frequency of 60Hz.



6205



6211

Part	Allanson	Burner Model
6258	2721-628G	120v Beckett A, AF End
6204	2721-605	120v Beckett "S" End
6229	2744-628G	240v Beckett A, AF End
6222	2744-605	240v Beckett "S" End
6205	2721-619	120v Wayne M&HS end
6206	2721-620	120v Wayne "E" side
6211	2744-620	240v Wayne "E" side

A2EA-6520 Clean Cut Fuel Pumps



6588

PRODUCT FEATURES:

- Reduces truck inventory
- Built-in solenoid valve, bypasses flow of oil instantly when power is cut, resulting in cleaner shutdowns
- Reduced motor load, Clean cut allows oil to freely bypass the piston, reduces demands on motor at startup.
- Higher capacity, unique design delivers up to 4 GPH at 150 PSI
- Includes fuel line

Part	Model
6588	12 volt pump
6591	120 volt pump
6564	240 volt pump
1523	12/24v replacement coil
1524	115v replacement coil
1525	220v replacement coil
4742	21877U solenoid valve kit
1526	3753895 Pigtail connector

PD Timer (option)



Adds a brief, highly consistent "valve-on" delay to establish airflow and brings the pump up to speed for smoother light-offs. May be useful on some auto start pressure washers. 120 volts

Part	Price
6582	\$10.09



Fuel Pumps

1439



Single stage fuel pumps. Suitable for kerosene, No. 1 or No. 2 fuel oil.

Part	Model	GPH	RPM
1437	A2VA-7116	3	3450
5797	A2VD-7119	3	3450
1439	A2YA-7916	7	3450
1742	A1YA-7912	7	1725



Waste Oil Heater Pump

Part	Model
6778	A2RA-7710

A2VA-3006 w/Built-in Solenoid



Part	Solenoid
6275	12vdc/24vac
6207	115volt
6326	220volt

Suntec Solenoid Valves

Part	Model
2203	12/24v R261NL
1215	115v R642NL
2202	220v R753NL



Solenoid Replacement Parts

Part	Model
1523	3713823 12/24v coil
1524	3713824 115v coil
1525	3713825 220v coil
1526	3753895 pigtail



Gas Valves

White Rogers 36c Valves

Combination gas valve. Covers a wide range of applications. Designed for use with common ignition systems and standing pilots. It replaces hundreds of existing models in the field.

FEATURES:

- Standing pilot
- Single stage
- Fast opening
- Max. capacity @ 1" PD = 280,000 BTU/HR
- Convertible-natural or LP
- Adjustable regulator
- Inlet/outlet screens
- Line Interrupter
- Inlet/outlet pressure taps
- CSA approved

SPECIFICATIONS:

Operating ambient temperature -40° to 175°F.
 Pressure rating (max.) 1/2 PSI (14.0" W.C.)
 Pilot Gas Connection 1/4" compression fitting
 Pressure Tap 1/8" NPT



5066



Part	Product
5066	24v 0.23A W/R 36C03-433
5047	Millivolt W/R 36C03U-400

White Rogers 36H Valves

Universal replacement electronic ignition gas valve. This valve covers a wide range of applications. Designed for use with common ignition systems (HSI/DSI/Proven Pilot), it replaces hundreds of existing models in the field. White Rogers highest capacity combination gas valve.



FEATURES:

- HSI/DSI/Proven Pilot
- Single stage/Two stage
- Fast/Slow opening
- Convertible-natural or LP
- Adjustable regulator
- Inlet/outlet screens
- Electronic on-off switch
- Inlet/outlet pressure taps
- CSA approved

SPECIFICATIONS:

Electrical rating 0.41 amps (Single stage)
 0.54 amps (Two stage)
 Voltage 24VAC
 Frequency 50/60 Hz
 Operating ambient temperature -40° to 175°F.
 Pressure rating (max.) 1/2 PSI (14.0" W.C.)

Part	Product
4957	W/R 36H32-423

Honeywell Intermittent Pilot

Intermittent pilot, non integrated spark ignition module designed to generate sparks and energize the gas valves and monitor the flame sensor. It is a 100% shut off design that locks out the gas valve if the burner does not light within the safety time.

FEATURES:

- Replaces most spark intermittent pilot, non-integrated units
- Easy to install
- LED indicator for "power on" and system diagnostics
- Includes 10 different color coded program keys
- 12 volt

Part	Product
4956	S8610H



Gas Thermocouple

Specifically designed for universal replacement

FEATURES:

- Stainless steel element construction for prolonged life
- Universal adapter fittings included for most types of pilot burners
- Visible instructions for easy installation

Part	Product
4955	W/R-HO6E-18"



Millivolt Generator

750 Millivolt power generator. Provides power for 750 Millivolt self-generation control systems. For replacement of similar screw-in type generators or for use with type E31-12 pilot burner

Part	Product
4863	36" W/R G0A1-502B1



Burner Rings

- Cast iron for long life
- High flow design
- Industry standard sizes
- 1/8" FPT



Note: Rings sold with 69 size orifice, the smallest size. Nozzles can be drilled to larger size

Part	Size
6674	32 nozzles 69 orifice
6675	44 nozzles 69 orifice
6676	66 nozzles 69 orifice
6678	Replacement Nozzle 69 orifice

WAYNE BURNER PARTS

Delavan Fuel Nozzles



TYPE A Hollow cone: Used mainly on burners with a hollow cone air pattern for throughputs up to 2.00 GPH. The droplet distribution is concentrated on the outside of the cone

Part	Size
1314	60A 1.00
1315	60A 1.20
1316	60A 1.35
1317	60A 1.50
1318	60A 1.75
1729	60A 2.00
1320	60A 4.00
1328	70A 1.00
1329	70A 1.50
1330	70A 1.75
1343	80A 1.00
3079	80A 1.10
1344	80A 1.25
1345	80A 1.35
1346	80A 1.50
1347	80A 1.65
1348	80A 1.75

Part	Size
1349	80A 2.00
1350	80A 2.25
1351	80A 2.50
1352	80A 2.75
1353	80A 3.00
1370	90A 1.00
1371	90A 1.25
1372	90A 1.35
1373	90A 1.50
1374	90A 1.65
1375	90A 1.75
1376	90A 2.00
1377	90A 2.25
1378	90A 2.50
1380	90A 2.75
1379	90A 3.00
1381	90A 4.00

TYPE B Solid Cone: Type B nozzles produce a spray that distributes droplets fairly uniformly throughout the pattern.

Part	Size
1321	60B 1.00
1322	60B 1.20
1323	60B 1.25
1324	60B 1.35
1325	60B 1.50
1326	60B 1.75
1327	60B 2.25
1466	60B 3.00
1331	70B 1.25
1334	70B 1.75
1335	70B 2.00
1336	70B 2.25
1337	70B 2.50
1338	70B 2.75
1339	70B 3.00
1354	80B 1.00
1355	80B 1.10
1356	80B 1.20
1357	80B 1.25
1358	80B 1.35
1359	80B 1.50
1360	80B 1.65

Part	Size
1361	80B 1.75
1362	80B 2.00
1363	80B 2.25
1364	80B 2.50
1365	80B 2.75
1366	80B 3.00
1367	80B 3.25
1368	80B 3.50
1369	80B 4.00
1382	90B 1.10
2384	90B 1.25
1384	90B 1.35
1385	90B 1.50
1386	92B 1.75
1387	90B 2.00
1383	90B 2.25
1388	90B 2.50
1389	90B 2.75
1390	90B 3.00
1391	90B 3.25
1392	90B 3.50

Fuel Nozzle Adapter



Part	Product
3720	1/8" FPT
3785	1/4" FPT

ProTek™ Nozzle System



Patented system provides significant reduced combustion pollutants for cleaner air. Includes a factory installed one piece valve component, preventing oil after drip from the nozzle in off cycle

Part	Product
4301	ProTek™

K-Lite™ RT Ceramic Fiber Insulation

Made from high quality spun ceramic fibers. Composed of long, high strength fibers needled into a tight blanket with superior handling properties. Superior thermal conductivity values. Completely inorganic.



- Recommended operating temp 2150°F
- Maximum use limit 2300°F
- Shipping Dimensions: 25"x 19"x 19"

Part	Product	Shipping Wt.
3093	4 lb. roll 1"x 24"x 25'	27 lbs.
4417	8 lb. roll 1"x 24"x 25'	36 lbs.

In-Line Fuel Filter



- 1/4" FPT I/O
- Maximum temp 50°C/122°F
- Filters diesel and gasoline
- 15 mesh filter

Part	Product
6452	Fuel Assembly
6453	Replacement cartridge

Mitco Can Type Filters



- With micro-flow filter element
- Galvanized can for rust protection
- Highest UL pressure rating
- Highest UL GPH rating
- 360° screw driver slot for fast removal
- 10 GPH flow rate

Part	Product
3069	264 Fuel assembly

Mitco Micro Oil Filter



- Designed for full range of nozzle gallonage
- Extremely efficient in filtering particles
- Non-shed design is fiber welded
- No bonding agents to clog filter

Part	Product
3071	264-48 micro element

Felt Fuel Oil Element



- Prevent clogged burner nozzles and reduce service problems
- High grade wool material
- Gasket included

Part	Product
3070	264-1A felt element



Fuel/Water Separator

Multi-stage protection water separator and fuel filtration in a compact size. Fuel flow is controlled so large contaminants are separated and fall into the collection bowl.

- 15 GPH maximum flow
- Filters gasoline and diesel fuel
- Dual 1/4" FPT ports

Part	Product
1483	Fuel filter assembly
1484	Element w/gasket
3133	Vent plug RK20179
3135	Clear bowl RK10166



KO Koil Kleen

Granular powder that works to dissolve lime and scale buildup on coils. Used as directed, it is safe for personnel and equipment. Contains a built-in inhibitor that offers protection to most metal surfaces.

- Biodegradable
- Safe on equipment
- Easy to use

Part	Product
4791	Case (4-8lb)
5101	8 lb container



ST-15 Descaling Pump

Designed to introduce a de-scaling chemical that removes minerals which cause water hardness. Helps eliminate calcium build up and lime scale deposits in the coil.

- 2.5 RPM motor
- Injection rate: .037 gal/hr.
- Suitable for 3 GPM and over

Part	Product
7033	200015525 24v
7035	200015550 115v
7034	200015535 230v



Red Devil Soot Remover

Formulated to attack existing soot formations and prevent further buildup.

1 oz. to 10 gallons for treatment

Part	Product
2619	Case 12 pints
2618	Pint Red Devil



Pressure Switches

Can be wired normally open or closed

- 250v 15 amp
- Stainless steel plunger
- Activates at 580 PSI
- 4050 PSI max
- 195° F. max
- 1/4" terminals

Part	Product
1299	1/4" MPT PA switch
1412	3/8" MPT PA switch
5052	Micro switch 1/4" term



Pressure Switches

- 250v 15 amp
- Stainless steel plunger
- Activates at 435 PSI
- 3650 PSI max.
- 190° F. max.
- 3/16" terminals

Part	Product
5858	1/4" MPT AL680
5859	3/8" MPT AL681
3086	15amp micro switch



- Activates at 360 PSI
- 4100 PSI maximum
- 195° F. maximum
- 3/16" terminals
- 3 wires
- 250v 15 amp
- Stainless steel plunger

Part	Product
6249	1/4" 15a
6248	3/8" 15a
3086	Micro switch 15a

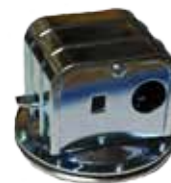


Vacuum Switches

Installed on the inlet side of the pump. When water is drawn into the pump, the diaphragm of the switch falls and the contacts in the switch close completing the circuit to the burner. When flow stops, the switch opens and shuts off burner

- 1/4" FPT inlet
- 140°F. maximum
- 220 volt
- 16 amp

Part	Product
1404	1.5"HG 3 GPH
1405	2.5"HG 3-4.5 GPH
3777	4.5"HG 4.5 GPH



Flow Switches w/Reed



Water activated switch to control the on and off of the burner. Suitable for pressure washers, carpet cleaning. Encapsulated in a plastic body and sealed from humidity and corrosive cleaning chemicals.

- 8 GPM maximum
- 47" long cord
- 2 wire reed switch
- 75 PSI minimum
- 1.0 GPM minimum
- 176°F. maximum

ST-5 Mount Vertically

Part	Product
1565	3/8 FPT 4380 PSI



ST-5VH Mount any direction

Part	Product
6530	3/8 FPT 5075 PSI max



ST-6 Mount any direction

Part	Product
1249	4380 PSI max 3/8M



Reed Switch

Part	Product
6944	Brass reed switch (fits all)

SWITCHES



Flow Switch



- 2 Wires
- 3/8" FPT I/O
- 4350 PSI max
- 8 GPM max
- 180°F max

Part	Product
6169	MV60 Vertical
6170	MV60 horizontal
6171	MV reed switch



Sure Fire Flow Switch

5000 PSI In-line



- Mount in any direction
- Activates with flows as low as 0.5 GPM
- Ideal for low amp applications
- Perfect for triggering a solenoid
- 12 GPM maximum
- 175°F. maximum
- 5000 PSI maximum
- 3/8" FPT I/O

Part	Product
5579	100716

Flow Switch w/Pilot

Designed to operate in response to low volume, low pressure flow and still allow for a high pump output.



- Reed switch
- Activates with .75 GPM flow @ 18 PSI
- Mount vertically
- 18 GPM maximum
- 96" foot lead wire
- 4000 PSI maximum
- 1/4" pilot barb
- 190°F maximum

Part	GP	GPM	PSI
3022	100329 switch	16	5000
4196	100331 pilot valve		

Flow Switches No Reed

"TMT" Flow Switch



Tri-magnet technology in-line flow switch

- Micro switch tech eliminates reed switch
- Activates with 1.25 GPM flow @ 50 PSI
- Can be mounted in any position

- 12 GPM maximum
- 48" 18awg lead
- 5000 PSI maximum
- 3/8" FPT in/out
- 180°F maximum

Part	Product
5393	100975 5amps, 250vac, 30ohms

With Pilot Feature



- Micro switch tech eliminates reed switch
- Activates with .5 GPM flow @ 50 PSI
- Mount in vertical position

- 12 GPM maximum
- Lead length: 48" 18awg
- 4000 PSI maximum
- Inlet/Outlet: 3/8" FPT
- 180°F maximum
- Pilot: 1/4" hose barb

Part	GP
5193	100879 switch 5amps, 250vac
5257	103073 pilot valve



New 2017

Hi volume Flow Switch

- Micro switch tech eliminates reed switch
- Activation below 4.0 GPM
- Minimal pressure drop up to 25 GPM flow
- Mount in vertical position



- 4000 PSI @ 10GPM 3000 PSI @ 25GPM
- 25 GPM maximum flow
- 180° F. maximum
- 1/2" FPT inlet and outlet

Part	Product
7042	101068

Kraus Naimer Cam Switches



2254

- 3 Position Off-Pump-Burner
- Single Stack Switches

Part	Voltage	Face Plate
2254	120v/30a	1.89" 1 hole
2256	240v/30a	1.89" 1 hole
2257	240v/30a	1.89" 4 screw
4633	240v/40a	2.52" 1 hole
2843	240v/40a	2.52" 4 screw

- 2 Position Off-On
- Single Stack switches



2258

Part	Voltage	Face Plate
2258	120v/30a	1.89" 4 screw
2259	240v/30a	1.89" 4 screw

Salzer Cam Switches



1307

- 3 Position Off-Pump-Burner
- 110 volt are single stack switch
- 220 volt are double stack switch

Part	Voltage	Face Plate
1307	110v/20a	1-7/8" 1 hole
1773	110v/30a	2-1/2" 4 screw
1308	220v/20a	1-7/8" 1 hole
1774	220v/30a	2-1/2" 4 screw

- 2 Position Off-On
- Double Stack switch



Part	Voltage	Face Plate
4353	220v/30a	2.5" 4 screw

CSII Cam Switches



6029

- 3 Position Off-Pump-Burner
- 110v Single stack 220v double stack

Part	Voltage	Face Plate
6029	110v/20a	1-7/8" 1 hole
6030	110v/30a	2-1/2" 4 screw
6032	220v/20a	1-7/8" 1 hole
6047	220v/30a	2-1/2" 4 screw

Thermal Relief Valve



Part	GP No.	Inlet	Temp
3596	100556	1/4"mpt	145°F
3597	100557	3/8"mpt	145°F
5919	100679	3/8"mpt	190°F
3598	100558	1/2"mpt	145°F
5920	100680	1/2"mpt	190°F

VALVES/THERMOSTATS



Thermal Relief Valve

Part	Inlet	Temp
6534	1/4"mpt	150°F
6535	3/8"mpt	150°F
6536	1/2"mpt	150°F



Thermal Relief Valve

- Automatic reset

Part	Inlet	Temp
4963	3/8"mpt	140°F



Rupture Disk

Protects coil from over heating.
225°F. maximum



Part	Description
6987	1/2mpt inlet x 3/8 mpt outlet



Safety Relief Valves

- 1,000 to 6,000 PSI adjustable
- 195° F. max.
- 6 GPM maximum
- One model fits all pressures no springs to change
- Highly accurate over full range of pressures
- Fits any brand pump
- Made in USA
- Side or end discharge

Part	GP No.	Inlet
5413	100728	1/4"mpt
5871	100534	3/8"mpt
2177	100729	1/2"mpt
2867	100724 w/barb	1/4"mpt
3301	100723 w/barb	3/8"mpt
2185	100722 w/barb	1/2"mpt



Pressure Relief Valves

Protect pumps and other pressure components from over pressurization. After removing the dangerous high pressure from the system, they are able to be reset, but should be replaced as frequent use minimizes their effectiveness. They should be used whenever a pressure actuated unloader is used as these devices can eventually fail over time.

- Made in USA
- Adjustable
- 10 GPM maximum
- 150° F. maximum

Part	PSI	Inlet
2507	500-1200 (Silver)	1/4"mpt
2322	1200-2400 (Red)	3/8"mpt
1889	2400-3600 (Orange)	3/8"mpt
2323	3600-5000 (Blue)	3/8"mpt



Fluid Control Pressure Valves

- 10 GPM maximum
- 150° F. maximum



Part	Model	PSI	Inlet
3130	RV-500	1900-3500	3/8"mpt
3486	RV-500 w/ barb	1900-3500	3/8"mpt

Brass Check Valves

Incorporates and o-ring that is captured in a brass poppet to seal on a brass seat.
An economical general use design that provides a positive seal down to about 1/2 PSI back pressure.



Part	Size	PSI	Temp
3447	1/4" fpt	1200	180°F
3448	3/8" fpt	1200	180°F
3449	1/2" fpt	1200	180°F
2327	1/4" fpt	3000	200°F
2328	3/8" fpt	3000	200°F

Stainless Steel Check Valves

Part	Size	GPM	PSI	Temp
5593	1/4" fpt	6.5	6500	195°F
1991	3/8" fpt	10.5	6500	195°F



In-line Thermostats

- Positive in-line bimetal control
- 1/2" FPT I/O ports
- Universal 1/4" spade terminal connect
- 100 volt 25 amp

Part	Temp
1442	60° to 230°F
1443	60° to 340°F



Remote Thermostat

Remote probe thermostat is a capillary tube thermostat that relies on expansion of a viscous liquid to open and close switch.

- Panel mounted dual scale
- 60" insulated capillary tube
- UL/CSA approved
- 4000 PSI maximum

Part	GP No.	Temp
3942	100438	86° to 194°F
6712	100538	86° to 250°F
3943	100439	86° to 302°F



High Limit Switches

- Mounts in high pressure line senses overheating
- Responds by opening a n/c switch
- 110 volt 25 amp
- Can be used on 12 volt units

Part	Temp	Probe	Size
3914	176°F	Silver	3/8mpt
1444	230°F	Yellow	3/8mpt
4533	320°F	Red	3/8mpt
3915	176°F	Silver	1/2mpt
3665	203°F	Blue	1/2mpt
1440	230°F	Yellow	1/2mpt
1441	320°F	Red	1/2mpt



With 60" Wire Lead (2 wire)

Part	Temp	Probe	Size
3454	230°F	Yellow	3/8mpt
4216	230°F	Yellow	1/2mpt
5806	320°F	Red	1/2mpt



ACCUMULATORS/STRAINERS

Easy Start Valves



Eases system start up. Especially useful with engine driven pressure washers

- 1/4" hose barb outlet
- 3/8" MPT inlet

5998



Part	Mfg.	GPM	PSI
5621	MTM	7.0	4100
2394	PA	8.0	4500
5998	General	8.0	5000



ST-35R Strainer



- High volume suction strainer ideal for tank transfer or agricultural markets.
- Impact resistant plastic housing
- Stainless steel screen
- Brass weight to hold in place
- 1/2" and 3/4" hose barbs

Part	Product
2380	ST-35R

Accumulators

Accumulators are designed to extend the life of your pressure washer pump by reducing the pulsations that arise in the incoming water supply. The nitrogen filled accumulators absorb the "shock" of low water pressure instead of your pumps pistons, valves and packing.

All accumulators are drop shipped from our vendors and ship via ground only

GIANT Accumulator



- Precharged to 800 PSI
- 12 GPM maximum
- 2700 PSI maximum
- 1/2" MPT
- Rebuildable
- Stainless Steel casing

Hazmat charge applies

Part	Product
2407	Giant 22050A

Hypro Suction Line

50 mesh nylon screen with male garden hose outlet



Part
4096

Chemical Strainers



Part	Product
6538	Heavy wt. brass w/check valve
3675	Brass w/check valve ss screen
6431	4' Clear vinyl hose w/det. filter
1059	5' Polybraid hose w/det. filter
1285	Black plastic with check valve
5558	Black plastic no check valve
6233	Gray plastic with check valve
6264	Gray plastic no check valve
3446	ZF2 plastic w/check valve w/ss screen

Accumulator



- Zinc plated steel construction
- 10 GPM maximum
- 1300 PSI maximum
- Factory pre-charge 90-200 PSI air
- 3/4" FPT inlet
- Rebuildable

Vendor drop ship charge applies

Part
2406

High Pressure Accumulator

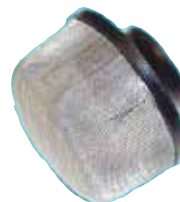


Non-Rechargeable

- 10 GPM maximum flow rate
- 60-3000 PSI operating pressure
- 1/2" FPT inlet
- Factory pre-charge 580 PSI nitrogen

Part
3104

Tank Screens



Part	Product
2990	1/4" FPT 50 mesh
2496	3/8" FPT 50 mesh
2497	1/2" FPT 50 mesh
2498	3/4" FPT 50 mesh

Brass "Y" Strainer



Part	Product
1286	1/2" brass SS screen
1287	3/4" brass SS screen
5758	1" brass SS screen

SUTTNER ST-8 Float Valves

Part	Size
1712	1/2" fpt 5GPM
1721	1/2" mpt adapter



Brass Float Valves

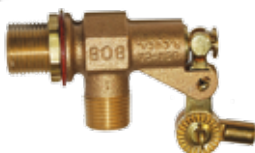
Part	Size
6994	1/2" mpt
6995	3/4" mpt
1571	Kit



Roberts Mfg. Brass Float Valve

Includes bulkhead gasket and lock nut

Part	Size
6991	3/8" mpt
6992	1/2" mpt
6993	3/4" mpt



Brass Float Valve

Part	Size	GPM
2344	3/8" mpt	7.0



Plastic Float Valve



Part	Size	GPM
1019	3/4" mpt	8.0

Float & Valve Rods

Part	Size
5389	Poly float 5" long
1547	1/4"-20 x 2" rod
1548	1/4"-20 x 8" rod



Float Tank w/Lid

- 1 gallon capacity
- 5"W x 10.5"L x 8.5"H
- With baffle

Part	Product
1018	Plastic float tank



Blue Cap Water Filters



Part	Product
2828	FGH inlet x 1/2MPT outlet
2045	Blue replacement cap
3501	Screen, 60 mesh
1750	O-ring

Green Cap Water Filters

Low pressure in-line filter!

- 5.8 GPM maximum
- 145 PSI maximum
- 176° F. maximum



Part	Product
1731	ZMFIL 1/2FPT x 1/2MPT
4884	Green replacement cap
3501	Screen, 60 mesh
1750	O-ring

Blue Top Water Filters

- Pressure Washers
- Under sink residential water
- Vending equipment
- 145 PSI working pressure
- 508 PSI Burst pressure
- 122°F (50°C) max temp.

Filter Housings

Prepackaged with housing, mounting bracket and spanner wrench. Filters sold separately.

Part	Size
6235	5" x 1/2" FPT
6236	5" x 3/4" FPT
6237	5" x 1" FPT
6239	10" x 3/4" FPT
6247	10" x 1" FPT



Filter Cartridges



Part	Product
6250	5" Poly spun disposable (2 pack)
6251	10" Poly spun disposable 5 micron
6240	20" Poly spun disposable 1 micron
6221	20" Poly spun disposable 5 micron
6252	5" Washable nylon mesh 60 micron
6253	10" Washable nylon mesh 60 micron
6149	5" stainless steel 80 mesh
6255	10" stainless steel 80 mesh

Replacement Parts

Part	Product
6894	5" clear bowl w/o-ring
6432	10" clear bowl w/o-ring
1951	96.3mm ID x 3.6mm white oring for new bowls
1934	90mm x 5.3 mm black O-ring for old style bowls
3557	#107 o-ring for vent
6921	Retainer ring
6219	Spanner wrench
6224	Mounting bracket

WATER FILTERS

Hypro Water Filters

- 150 PSI maximum @ 70°F
- 100 PSI maximum @ 125°F
- 140°F. maximum temp.

Clear Bowl



Part	Size	Screen
4450	½" FPT	50 mesh
4421	½" FPT	80 mesh
4451	¾" FPT	50 mesh
4422	¾" FPT	80 mesh
4455	1" FPT	50 mesh
4423	1" FPT	80 mesh
4475	1¼" FPT	50 mesh
4476	1¼" FPT	80 mesh
4477	1½" FPT	50 mesh
4478	1½" FPT	80 mesh

White Bowl



Part	Size	Screen
4452	½" FPT	50 mesh
4424	½" FPT	80 mesh
4453	¾" FPT	50 mesh
4425	¾" FPT	80 mesh
4454	1" FPT	50 mesh
4426	1" FPT	80 mesh
4431	1¼" FPT	50 mesh
4427	1¼" FPT	80 mesh
4432	1½" FPT	50 mesh
4428	1½" FPT	80 mesh

Replacement Parts

Part	Product
4435	1/2" NPT nylon top
4436	3/4" NPT nylon top
4437	1" NPT nylon top
4438	1 1/4" NPT nylon top
4439	1 1/2" NPT nylon top
4440	Gasket 1/2" & 3/4"
4441	Gasket 1", 1 1/4", 1 1/2"
4429	clear bowl ½" & ¾"
4430	Clear bowl 1", 1 ¼", 1 ½"
4433	White bowl ½ & ¾
4434	White Bowl 1", 1¼", 1½
4448	Screen 50 mesh ½" & ¾"
4444	Screen 80 mesh ½" & ¾"
4449	Screen 50 mesh 1"
4445	Screen 80/20 mesh 1"
4442	Screen 50 mesh 1¼"
4443	Screen 50 mesh 1½"
4446	Screen 80 mesh 1¼"
4447	Screen 80/20 mesh 1½"



Blue Top Calcium Removal

Remove calcium deposits from your water supply and extend the life of your pump, and your heating element on hot water pressure washers.



Part	Size
6236	5" x ¾" fpt
6237	5" x 1" fpt
6239	10" x ¾" fpt
6247	10" x 1" fpt

Cartridges (sold separately)

Part	Product
5385	5" Calcium Cartridge
5386	10" Calcium cartridge

SCALTROL® Water Treatment



Controls scaling problems caused by the high content of minerals in most water supplies, including calcium carbonate (lime scale), calcium sulfate, iron and manganese.

Scaltrol scale control systems deposit a microscopic film of polyphosphate sequestrant to all surfaces using a patented venturi head. This enables a consistent, effective feed rate of the polyphosphate which dramatically reduces scale build up and downtime.

- Can be used for potable water
- Effective up to 885 ppm (50 grains) of hardness.

SC50 & SC-100 Performance:

Recommended for use in:

Food Service: dish machines, ice makers, steamers, combi-ovens, booster heaters, coffee makers

Commercial: pressure washers, water heaters, laundry machines, medical sterilizers, farms, hospitals, schools, club houses

Residential: whole house, water heaters, dishwashers, washing machines, showers/bathtubs, toilets

SC-50/SC-100 Specifications

Water flow.....up to 10 GPM
 Max. inlet pressure 55 PSI
 Maximum temperature head & sump.....120°
 Inlet/outlet.....¾"
 Dimensions.....SC-50... 4.5" wide and 7.5" tall
 SC-100...4.5" wide and 12.5" tall

cartridge is included with 5040 & 5041



Part	Product
5040	SC-50 (50,000 gal)
5041	SC-100 (100,000 gal)
5042	RSC-50 cartridge
5043	RSC-100 cartridge

Water Hardness Scale

Grains/Gallon	Parts/million (ppm)	Classification
less than 1.0	less than 17.1	Soft
1.0-3.5	17.1-60	Slightly Hard
3.5-7.0	60-120	Moderately hard
7.0-10.5	120-180	Hard
Over 10.5	Over 180	Very hard

GARDEN HOSES/FITTINGS

Teflon Tape

1/2" x 520'



Part	
1492	

Gilmour Garden Hoses

Flexogen Gray Cover

*The best hose you'll ever buy!
Premium duty!*

- Maximum life up to 500 PSI
- Heavy duty, full flow metal couplings
- All-weather performance
- Ultimate flexibility and kink resistance
- Made from recycled material



Part	Product
4359	5/8" x 50'

Flexogen Hot Water Hose

- Patented Flexogen Technology
- Superior hose life up to 400 PSI
- Heavy duty, full flow brass couplings
- Hot water rated up to 200°F.
- Ultimate flexibility and kink resistance



Part	Product
4364	5/8" x 50'

Garden Hose Accessories



Part	Product
4365	Commercial Nozzle
4621	5/8" x 3/4" male coupler
4622	5/8" x 3/4" female coupler
4620	5/8" x 3/4" hose mender



Inlet King Nipples

For gravity feed systems

- Cadmium plated steel for high pressure performance
- Hex base to allow standard wrench usage
- Assemble directly to pump, no adaptors needed
- Barbs designed to prevent hose slippage & leaks



Part	Size
4003	1-1/4" hose barb x 1/2MPT
5049	1-1/2" hose barb x 3/4 MPT



Duraview Inlet Filters

- Strongest see through filter on the market
- Load bearing brass spine
- Integrated garden hose connector
- Flow through design
- Clear plastic cover
- Available with or without bypass ports
- For general purpose pressure wash use



- 8 GPM max
- 180°F. max
- 150 PSI max
- 15 PSI min



Part	Inlet	Outlet	Bypass
3798	3/4"FGH	3/8"MPT	(2) 1/4"
5181	3/4"FGH	3/8"MPT	None
3799	3/4"FGH	1/2"MPT	(2) 1/4"
5419	3/4"FGH	1/2"MPT	None
4057	Repair	kit	
6731	Clear	cover	

Swivel GH Pump Inlets



Part	Size
2154	3/4 FGH x 3/8 MPT hex
6429	3/4 FGH x 1/2 MPT hex



2031	3/4FGH x 1/2MPT spring
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2334	3/4 FGH x 3/8 FPT hex
2336	3/4 FGH x 1/2 FPT hex
6118	3/4 FGH x 1/2 FBSSP hex
2466	3/4 FGH x 3/4 FPT hex

Swivel w/1/4" Bypass Port & Filter



Part	Size
2400	3/4 FGH x 3/8 MPT
2176	3/4 FGH x 1/2 MPT

Garden Hose Brass "Y" Connector



Part	Size
2467	MGH x FGH x MGH

Back Flow Preventer



Part	Size
2511	3/4" FGH x 3/4" MGH

STAINLESS STEEL FITTINGS

Garden Hose Couplings

MGH x MGH

Part	Size
5844	3/4 x 3/4



MGH x MPT

1290	3/4 x 3/8
2348	3/4 x 1/2
3510	3/4 x 3/4



MGH x FPT

5918	3/4 x 3/8
3511	3/4 x 1/2
3512	3/4 x 3/4



FGH x MPT

3252	3/4 x 1/2
3253	3/4 x 3/4



FGH x FPT

3250	3/4 x 1/2
3251	3/4 x 3/4



Garden Hose Menders

MGH x Barb

Part	Size
2270	3/4 x 5/8
2271	3/4 x 3/4

FGH x Barb

2272	3/4 x 5/8
2273	3/4 x 3/4



G H Quick Couplers

Part	Product
1738	FGH socket
1739	MGH plug
3725	Washer



Garden Hose Ball Valve

Part	Size
3457	FGH x MGH



Garden Hose Swivel

Part	Size
2274	FGH x FGH



Garden Hose Washers

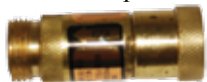
Part	Product
1737	Washer
2720	Washer 50 pk
1736	Washer w/filter
2717	Wash/filt 25 pk

1737



Pressure Reducing Valve

Reduces inlet water pressure to 40 psi



Part	Size
6887	3/4 FGH x MGH

Stainless Steel Pipe Fittings

•304 Stainless Steel
•300 PSI WOG

Hose Barbs



Part	Size
5197	1/4" hose x 1/4 MPT
5198	3/8" hose x 3/8 MPT
5199	1/2" hose x 1/2 MPT
5767	3/4" hose x 3/4 MPT

Hex Bushings



Part	Size
5203	3/8 MPT x 1/4 FPT
5747	1/2 MPT x 1/4 FPT
5204	1/2 MPT x 3/8 FPT
5788	3/4 MPT x 1/4 FPT
5748	3/4 MPT x 3/8 FPT
5750	3/4 MPT x 1/2 FPT
5789	1" MPT x 1/2 FPT
5790	1" MPT x 3/4 FPT

Hex Head Plugs



Part	Size
5217	1/4 MPT
5218	3/8 MPT
5219	1/2 MPT
5769	3/4 MPT

Tees



FPT x FPT x FPT

Part	Size
5211	1/4" x 1/4" x 1/4"
5212	3/8" x 3/8" x 3/8"
5213	1/2" x 1/2" x 1/2"
5746	3/4" x 3/4" x 3/4"
5781	1" x 1" x 1"

Couplers



Part	Size
5214	1/4 FPT
5215	3/8 FPT
5216	1/2 FPT
5763	3/4 FPT
5764	1" FPT

Cross



Part	Size
5783	1/4 FPT
5784	3/8 FPT
5785	1/2 FPT

90° Elbow



Part	Size
5205	1/4FPT
5206	3/8FPT
5207	1/2FPT
5765	3/4FPT
5766	1"FPT

90° Street Elbow

Part	Size
5208	1/4 MPT
5209	3/8 MPT
5210	1/2 MPT
5779	3/4 MPT
5780	1" MPT



Hex Nipple



Part	Size
5200	1/4 MPT
5201	3/8 MPT
5202	1/2 MPT
5770	3/4 MPT
5782	1" MPT

Nipples

MPT x MPT



Part	Size
5221	1/4" x 1.5"
5771	1/4" x 2.5"
5223	3/8" x 1.5"
5772	3/8" x 2.5"
5225	1/2" x 1.5"
5773	1/2" x 2.5"
5774	3/4" x 1.5"
5775	3/4" x 2.5"
5778	1" x 2.5"

5220	1/4" x close
5222	3/8" x close
5224	1/2" x close
5745	3/4" x close
5776	1" x close

STEEL PIPE FITTINGS

Steel Pipe Fittings 5000 PSI

JIC Steel Elbow

- 90° Elbow
- Male JIC to MPT
- Tube 5/16"
- Pipe 3/8"



Part	Size
4271	

JIC Steel Hex Nipple



Part	Size
4042	1/2-20 x 3/8 MPT

Steel Adapters



Part	Size
4521	1/4 FPT x 1/8 MPT
2579	3/8 FPT x 1/4 MPT
4088	3/8 FPT x 3/8 MPT
2580	1/2 FPT x 3/8 MPT

Steel Elbows

90 Degree FPT x FPT



Part	Size
3349	1/4"
2590	3/8"
3350	3/8"x1/4"
2591	1/2"
2592	1/2"x3/8"

90 Degree MPT x MPT



Part	Size
4336	3/8"x1/4"
4335	3/8"x3/8"
4334	1/2"x3/8"
4138	1/2"x1/2"

Street Elbows

90 Degree MPT x FPT

Part	Size
3355	1/4 x 1/4
3356	1/4 x 3/8
2593	3/8 x 3/8
3357	3/8 x 1/4
2594	3/8 x 1/2
2596	1/2 x 3/8
2595	1/2 x 1/2



4614	3/8 x 3/8 compact
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45 Degree FPT x MPT

Part	Size
3359	1/4 x 1/4
3360	3/8 x 3/8
3361	1/2 x 1/2
5274	3/4 x 3/4

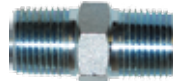


45 Degree FPT x FPT

Part	Size
5031	1/4 x 1/4

Steel Hex Nipples

Male Pipe Thread



Part	Size
2510	1/4"
2586	3/8"
2588	1/2"



Part	Size
2587	3/8" x 1/4"
3247	1/2" x 1/4"
2589	1/2" x 3/8"

Steel Hex Couplers

Female Pipe Thread

Part	Size
2509	1/8"
2581	1/4"
2582	3/8"
2584	1/2"
5012	1/4" x 1/8"
2583	3/8" x 1/4"
3234	1/2" x 1/4"
2585	1/2" x 3/8"



Steel Tee

Female Pipe Thread



Part	Size
3358	1/4"
2570	3/8"
2571	1/2"

Steel Branch Tee

FPT x FPT x MPT

Part	Size
3433	1/4"
2572	3/8"
2573	1/2"



Steel Street Tee

FPT x MPT x FPT

Part	Size
3434	1/4"
2568	3/8"
2569	1/2"



Steel Hex Plug

counter sunk hex



Part	Size
3351	1/4 MPT
2574	3/8 MPT
2575	1/2 MPT
2080	3/4 MPT

Steel Allen Head Plug

Male Pipe Thread



Part	Size
3352	1/4 MPT
3353	3/8 MPT
3354	1/2 MPT

Steel Hex Bushings



Part	Size
5842	1/8 FPT x 1/4 MPT
2576	1/4 FPT x 3/8 MPT
2577	1/4 FPT x 1/2 MPT
2578	3/8 FPT x 1/2 MPT
4375	1/2 FPT x 3/4 MPT

Steel Cross

Female Pipe Thread



Part	Size
3362	3/8"
3363	1/2"

BRASS PIPE FITTINGS

Brass Pipe Fittings

90° Elbows

Female Pipe Thread



Part	Size
2068	1/4"
2069	3/8"
2070	1/2"
2071	3/4"

Reducing Elbows

Female Pipe Thread



Part	Size
2139	3/8" x 1/4"
2140	1/2" x 3/8"

Street Elbows

FPT x MPT



Part	Size
2101	1/4" 90°
2102	3/8" 90°
2103	1/2" 90°
2104	3/4" 90°



2352	1/4" 45°
2353	3/8" 45°
2354	1/2" 45°

Brass Adapters

FPT x MPT



Part	Size
2521	1/4 x 1/4 heavy
4039	3/8 x 3/8 heavy



2421	1/4 x 1/8
1722	1/4 x 1/4
2108	3/8 x 1/4
2109	1/2 x 1/4
2110	1/2 x 3/8
4773	1/2 x 1/2
2111	3/4 x 1/2



Allen Head Plug

Male Pipe Thread



Part	Size
2076	1/8"
2077	1/4"
2078	3/8"
2079	1/2"

Brass Cross

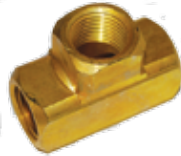
Female Pipe Thread



Part	Size
2133	1/4"
2134	3/8"
2135	1/2" bar stock

Brass Tee

Female Pipe Thread



Part	Size
2072	1/4"
2073	3/8"
2074	1/2"
2075	3/4"

Branch Tee

FPT x FPT x MPT



Part	Size
2268	3/8"
2269	1/2"

Street Tee

FPT x MPT x FPT



Part	Size
2116	1/4"
2117	3/8"
2118	1/2"
3921	3/4"

Brass Caps

Female Pipe Thread



Part	Size
2349	1/4"
2350	3/8"
2351	1/2"

Brass Locknuts

Female Pipe Thread



Part	Size
2264	1/4"
2265	3/8"
2266	1/2"
2267	3/4"

Hex Bushing

Part MPT x FPT



2639	1/4 x 1/8
2082	1/2 x 1/4
2083	1/2 x 3/8
2084	3/4 x 3/8
2085	3/4 x 1/2
4573	1" x 3/4

Light Hex Bushing



2900	3/8 x 1/4
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Galvanized Coupler

Female Pipe Thread



Part	Size
2296	1/4"

Brass Long Nipples

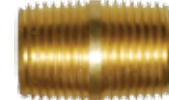
Male Pipe Thread



Part	Size
2090	1/8" x 1.5"
2091	1/8" x 2.5"
2418	1/8" x 6"
2092	1/4" x 1.5"
2093	1/4" x 2"
2094	1/4" x 2.5"
2095	3/8" x 1.5"
2096	3/8" x 2"
2097	3/8" x 2.5"
2098	1/2" x 1.5"
2099	1/2" x 2"
2100	1/2" x 2.5"

Close Nipples

Male Pipe Thread



Part	Size
2086	1/8"
2087	1/4"
2088	3/8"
2089	1/2"
3920	3/4"

Reducing Nipples

Male Pipe Thread



Part	Size
2170	1/4" x 1/8"
2171	3/8" x 1/8"
2112	3/8" x 1/4"
2113	1/2" x 1/4"
2114	1/2" x 3/8"
2115	3/4" x 1/2"

Brass Hex Nipples

Male Pipe Thread

Part	Size
2136	1/4"
2137	3/8"
2138	1/2"
3919	3/4"

Hex Couplers

Female Pipe Thread



Part	Size
2128	1/8"
2129	1/4"
2130	3/8"
2131	1/2"
2132	3/4"

POLY FITTINGS

Reducing Hex Couplers



Part	Size
2420	1/4 x 1/8
2105	3/8 x 1/4
2106	1/2 x 1/4
2107	1/2 x 3/8
3922	3/4 x 1/2

Hose Barbs

Barb x MPT



Part	Barb
2120	1/4 Barb x 1/8 MPT
1184	1/4 Barb x 1/4 MPT
1181	1/4 Barb x 3/8 MPT
1177	1/4 Barb x 1/2 MPT
1176	3/8 Barb x 1/4 MPT
1175	3/8 Barb x 3/8 MPT
1174	3/8 Barb x 1/2 MPT
1173	1/2 Barb x 1/4 MPT
1172	1/2 Barb x 3/8 MPT
1171	1/2 Barb x 1/2 MPT
4534	5/8 Barb x 3/8 MPT
2121	5/8 Barb x 1/2 MPT
4535	5/8 Barb x 3/4 MPT
2122	3/4 Barb x 1/2 MPT
2123	3/4 Barb x 3/4 MPT
4000	1" Barb x 3/4 MPT
4001	1" Barb x 1" MPT

Barb x FPT



Part	Size
2124	1/4 Barb x 1/4 FPT
3936	3/8 Barb x 1/4 FPT
2125	3/8 Barb x 3/8 FPT

Hose Barb Elbows



Part	Size
2119	1/4 Barb x 1/4 MPT
4871	1/4 Barb x 3/8 MPT
2126	3/8 Barb x 1/4 MPT
4784	3/8 Barb x 1/2 MPT
2127	3/8 Barb x 3/8 MPT
4795	1/2 Barb x 3/8 MPT
4796	1/2 Barb x 1/2 MPT
4854	5/8 Barb x 3/8 MPT
4866	5/8 Barb x 1/2 MPT
4881	3/4 Barb x 1/2 MPT
4883	3/4 Barb x 3/4 MPT

Brass Hose Splicers

Part	Size
1560	1/4"
1561	3/8"
1562	1/2"
2145	5/8"
2146	3/4"



Push On Splicers

Part	Size
3225	1/4"
3226	3/8"
3227	1/2"
3228	5/8"
3229	3/4"



Push-on Hose Barbs

Barb x FPT

Part	Barb	FPT
3230	1/4"	1/4"
3231	3/8"	3/8"



Barb x MPT

Part	Barb	MPT
3213	1/4"	1/8"
3214	1/4"	1/4"
3215	1/4"	3/8"
3216	3/8"	1/4"
3217	3/8"	3/8"
3218	3/8"	1/2"
3219	1/2"	1/4"
3220	1/2"	3/8"
3221	1/2"	1/2"
4495	1/2"	3/4"
3222	5/8"	1/2"
5474	5/8"	3/4"
3223	3/4"	1/2"
3224	3/4"	3/4"



Barb x MPT elbow



Part	Barb	MPT
5017	1/4"	1/4"
5023	3/8"	1/4"
5024	3/8"	3/8"
5025	1/2"	3/8"
5026	1/2"	1/2"

Swivel Barb x MPT



Part	Barb	MPT
4999	1/4"	1/4"
5001	3/8"	1/4"
5002	3/8"	3/8"
5015	1/2"	3/8"
5016	1/2"	1/2"

Polypropylene Fittings

Bulk Head Fittings

External thread and nut are left hand threads. Internal thread is FPT. For use with tanks having wall thickness 1/16" to 1/2".



Part	Size
4468	1/2"
4489	3/4"
4491	1"

Poly Elbow Barb

Applications requiring 90° connection of 2 hoses. fitting will reduce amount of hose required to make a 90° turn



Part	Barb	MPT
4522	3/8	3/8
4527	1/2	1/2
4531	5/8	3/4
4530	3/4	3/4

Poly Hose Barb



Part	Barb	MPT
4532	3/8"	3/8"
4536	1/2"	1/2"
4552	3/4"	5/8"
4547	3/4"	3/4"
4554	1"	1"

Poly Hose Mender

Applications requiring connection of 2 hoses. Commonly called a hose splice or shim fitting.



Part	Barb	MPT
4607	1/4"	1/4"
4608	3/8"	3/8"
4613	1/2"	1/2"
4623	5/8"	5/8"
4636	3/4"	3/4"

Poly Nipple Fitting

Connect 2 FPT fittings.



Part	Size
4587	1/4 MPT x 1/4 MPT
4593	3/8 MPT x 3/8 MPT
4594	1/2 MPT x 1/2 MPT
4601	3/4 MPT x 3/4 MPT
4606	1" MPT x 1" MPT

WASH BRUSHES



Hand Cleaners Force with Pumice Great for service vehicles!



Industrial waterless hand cleaner with fine pumice to cut grease, without drying hands.

Blitz Pak two 2500ml bottles & dispenser

Part	Product
4943	2500ml bottle
4942	Case (4-2500ml)
5834	Blitz Pak



Unique formulated blend of soy oil, and antimicrobial agent, PCMX. 100% biodegradable.

Part	Product
4946	2500ml bottle
4945	Case (4-2500ml)
3178	Blitz Pak

Yellow Wash Brushes

Yellow bristle brushes made of polystyrene, a soft flagged bristle excellent for washing trucks, cars or RVs. Polystyrene is a superior bristle that maintains its original shape longer



Part	Product
6276	10" 1 thread 1 taper hole with bumper guard
6280	14" 1 thread 1 taper hole
6284	18" 2 threaded holes
6286	24" 2 threaded holes

Green Wash Brushes

Green bristle brush is made of flagged Nyltex bristles and is our highest quality product. Excellent for high gloss paint jobs or high gloss gel coats. Special star shaped bristles aides the brush in maintaining soap and water during washing.



Part	Product
6629	10" green w/ guard
6627	18" green w/guard

Highly functional, industrial brush. Unique shape and 3 staff holes make it perfect for multiple applications

Part	Product
6294	10" Jumbo Tank

Acid Wash Brushes

Acid resistant bristles formulated for the toughest jobs



Part	Product
3305	10" Orange medium

Truck Stack Brush

Tampico bristle is a natural fiber made from YUCCA. For truck smoke stacks, fender wells and wheels. Extremely acid resistant. Not to be used on painted surfaces



Part	Product
6071	Medium Brush
6175	Large Brush

Salt & Pepper Brushes

Soft, flagged synthetic fill is an excellent multi-purpose wash brush. For use on windows, cars, vans, trucks, boats, and siding. Clear coat safe.



1 threaded hole

Part	Size
6256	10" w/bumper
6271	14" no bumper

Hi-Lo Truck Brush

Multi-surface, bi-level design makes cleaning easier. Ultra soft flagged for delicate areas. Chemical and high heat resistant.



Part	Product
6638	10" Green Nyltex
6287	10" Yellow Polystyrene

Rotating Brushes



6190

- Natural hair bristles for painted surfaces
- Nylon medium brush fiberglass, wood, brick
- 700 PSI maximum
- 8 GPM flow rate
- 190° F. maximum
- 6-1/2" diameter

Part	Product
6190	Horse hair 1/4" mpt inlet
6189	Nylon 1/4" mpt inlet

Brush Handles

With acme threaded tips



Part	Product
2792	2 section 6-12' fiberglass metal threads
6458	1 section 59" fiberglass metal threads
1252	Wood 15/16" x 60" plastic threads

Siphon Pump

- 7 GPM
- Fits 2" opening
- 15, 30 & 55 gal drums



Part	Product
4117	H.D. Gray suction tube



Part	Product
4833	5 gal popper



Part	Product
4583	55 gal wrench



Part	Product
4834	3/4 bung drum faucet

PORTABLE SPRAYERS

Rechargeable Electric Sprayer

Ideal for applying cleaning chemicals!
Pull it or tow it!
Rolls easy in rough terrain!

- Rechargeable 12 volt battery
- 2 hour run time on single charge
- Front mounted nozzle with 50" swath
- Spot free gun with coiled hose
- 18" vertical and 20" horizontal spray
- Includes hitch bar for towing
- Adjustable handle for storage
- 12" wheels
- 9 gallon tank
- Glyphosate compatible
- 1 GPM pump



Part	Product
4735	9 Gal with cart

12 volt Sprayer

Ideal for applying cleaning chemicals!

- 9 Gallon spot sprayer
- 1.0 GPM Everflo Pump
- Standard adjustable 18" spray gun
- 10 foot coiled hose to spray gun
- Adjustable cone spray nozzle
- Chemical resistant polyethylene tank
- Includes attachment straps
- 12v connection cables included (Battery NOT included)
- Glyphosate compatible



Part	Product
4734	9 Gal 12volt

SOLO Pump up Sprayer

Innovative sprayer for home, farm and commercial use. Economical way to apply cleaning chemicals
MADE IN USA

Features:

- Chemical resistant seals and o-rings assure long life even when used with harsh chemicals.
- Tank, pump, and sprayer parts are made of high density polyethylene (HDPE). Tank UV resistant
- Large carrying/pump handle features ergonomic design for easier pumping and carrying
- 28" long gun & wand
- 4' flexible hose



Part	Product
5427	430-2G 2 gallon sprayer

Repair parts



5439



5437



5443



5433



5434



5436



5440

Part	Product
5439	Pump repair kit
5437	Shut-off valve repair kit
5443	Speed Tip Nozzle
5433	Replacement pump assembly
5434	Shut-off valve assembly
5436	Complete shut-off valve and wand

Loxeal Thread Locker

Anaerobic thread lockers lock studs, nuts screw and any threaded fasteners. The adhesive prevents loosening caused by vibration, mechanical and thermal shock Also inhibits fretting corrosion and prevents the seizure and galling

54-03 medium strength for thread locking of nuts and bolts of all types requiring to be dismantled

Part	Product
5003	10ml Blue
5004	50ml Blue
5486	250ml Blue

83-54 high strength for thread locking and sealing of studs, nuts, bolts and fasteners not requiring dismantling.

Part	Product
5006	10ml Permanent
5007	50ml Permanent
5008	250ml Permanent

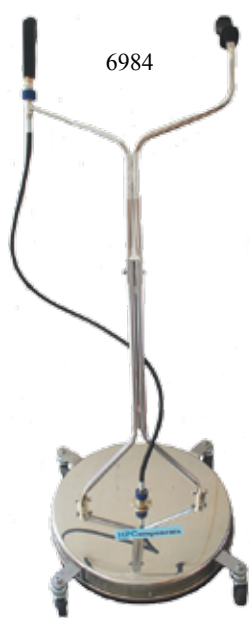


SURFACE CLEANERS

New 2017

HPC Surface Cleaners

Commercial grade STAINLESS STEEL rotating cleaner for drive ways, parking lots, and other large surfaces. This unit has 4 rotating arms 2 of which are plugged to be used with smaller machines. For machines larger than 4 GPM order 2 additional nozzles and install. The triple bearing swivel is Swiss made for exceptional service and longevity. Available with or without swivel casters.



- 21" stainless steel deck
- 6 GPM maximum
- 4000 PSI maximum



- 250° F. maximum
- 1/4" high pressure hose
- 22mm quick connects



In mid 2017 we will introduce our "deluxified" versions of this surface cleaner with a 3/8" hose, easy pull trigger gun and lance with holder.



4 spinner arms. 2 nozzles included with unit. Two plugs also included.



Heavy duty grip for safer operation



Quality ST1500 spray gun, quick connected with 22mm couplers



Quality ST2305 spray gun, with relax trigger



Mounted molded grip lance with velcro holder

Some assembly required

Part	Product
6982	21" 4 Rotor Arms floater
6989	Deluxified Hi-flo floater Available mid 2017
6984	21" 4 Rotor Arms w/casters
6988	Deluxified Hi-flo w/casters Available mid 2017
1937	DGF swivel
1940	DGF swivel repair kit
1975	Quad rotary spray arm

Part	Product
1989	21" replacement brush
2287	2.4" caster and bracket
2339	1/4" SS socket head plug



Spraying Systems Co. I-meg Nozzles

Part	Product
4969	2502 I-meg nozzle
4970	25025 I-meg nozzle
4971	2503 I-meg nozzle

SURFACE CLEANERS

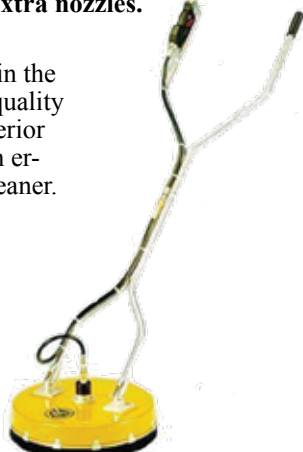


Classic

Features 4 nozzle spray bar. 2 holes are plugged. If you want to use all 4 nozzles order 2 extra nozzles.

The leading flat surface cleaner in the industry. Classic provides high quality components integrated with superior engineering design to provide an ergonomic, easy to use surface cleaner.

- 4 to 10 GPM flow
- 2000 to 4000 PSI
- 2500 RPM maximum
- 212°F. maximum
- Cover: Xenoy® ABS 19"
- Handle: 77" long
- Weight: 20 lbs
- Detachable handle



1/4" 25025 nozzles included

Part	Product
6329	Classic Deluxified
5324	Brush
5337	WW312 series 3 swivel
5338	Rebuild kit for WW312 swivel
4792	Seal Kit
5331	Spray Bar 2 Tip
5339	Spray Bar 4 Tip (inc. 4 nozzles)
1768	1/4 meg 2502 nozzle
5325	WW-150-3 3/8" x 5' Black hose with 3/8"mpt x 1/4" mpt ends

Ultra Clean WW

Whether you prefer a model with wheels or the smooth floating action of the hover cover design, the Ultra clean provides you with quality flat surface cleaning. The Ultra Clean with wheels utilizes a four way pivoting caster design while the hover cover model utilizes a heavy duty nylon brush.

Features:

- 3 to 6 GPM flow
- 2000 to 4000 PSI
- 2500 RPM maximum
- Cover: 19" ABS
- Handle: 43" long
- Weight: 23 lbs
- Temp: 185°F max



Part	Product
5473	19" Ultra Clean with casters
6717	16" Ultra clean hover
5337	Swivel Assembly
5331	Spray Bar 2 Tip
4585	3" Caster
3558	Wheel Bracket



Big Guy

Features 4 nozzle spray bar. 2 holes are plugged. If you want to use all 4 nozzles order 2 extra nozzles.

When you have the big job to do! With a 28" diameter, pivoting wheel design, and a lightweight housing, the big guy easily maneuvers over large surface areas.

- 4 to 10 GPM
- 2000 to 4000 PSI
- Cover: 28"
- Handle: 44" long
- Weight: 41 lbs
- Tires: 10" pneumatic
- Caster: 4"
- Dimensions: 38"x 44"x 28"



Two 1/4" 25025 nozzles included

Part	Product
6651	28" Big Guy Deluxified
5937	Brush
5337	WW312 series 3 Green top swivel
5338	Rebuild kit for WW312 swivel
4792	Seal Kit
4510	Spray Bar 2 Tip
3682	Spray Bar 4 Tip
2396	ST-601 Spray gun
5392	WW3107-3 3/8" x 6' 400 PSI black hose with 3/8" mpt x 1/4" mpt ends
1768	1/4 meg 2502 spray nozzle

Maxima Rotary Cleaner

Features 4 nozzle spray bar. 2 holes are plugged. If you want to use all 4 nozzles order 2 extra nozzles.

Maxima's 36" diameter aluminum cover provides maximum surface coverage. The 4 pivoting wheels allow the operator to easily guide the cleaner while the heavy duty nylon brush ensures the high pressure is confined to the surface cleaning area.

- 4-10 GPM flow
- 2000 to 4000 PSI
- Cover: 36"
- Handle: 77" long
- Weight: 37 lbs
- Breakaway handle
- Trigger gun controlled



Two 1/4" 25025 nozzles included

Ships UPS oversized 3

Part	Product
6808	36" Maxima Deluxified
3141	Spray bar 2 tips
3142	Spray bar 4 tips
5337	WW312 series 3 green top swivel
5338	Rebuild kit for WW312 swivel
1768	1/4 meg 2502 spray nozzle

SURFACE CLEANERS

Ground Force

Flip and Fold

Features 4 nozzle spray bar. 2 holes are plugged. If you want to use all 4 nozzles order 2 extra nozzles.



Features the flip-n-fold handle design which allows the unit to collapse for easy transport and storage. The frame is powder coated and constructed of stainless steel and aluminum.



- 4 to 10 GPM flow
- 2000 to 4000 PSI
- 2500 RPM maximum
- 212°F. maximum
- Cover: 24" aluminum
- Handle: 60" long
- Weight: 25 lbs

Part	Product
6752	24" Ground Force Deluxified
5337	WW312 series 3 swivel
5338	Rebuild kit swivel
4792	Seal Kit
3559	Spray Bar 2 Tip
3592	Spray Bar 4 Tip
1768	1/4 meg 2502 spray nozzle



Hammerhead Flat Cleaner



- Rugged ABS cover
- 4000 PSI maximum
- 1000 PSI minimum
- 8 GPM maximum
- 3 GPM minimum
- 180°F. maximum
- 3/8" inlet
- 25° 02 1/4" nozzles (2)

Part	Product
6539	18" Hammerhead
6537	20" Hammerhead
1709	Black Replacement Gun (old style)
1781	Gray Compensating Gun (New style)
2704	2702026 replacement hose for 18'
3717	2103221 Swivel w/o zerk fitting
1908	2103220 Swivel with zerk fitting
1875	2100279 Major swivel kit w/o c-clip
5704	2100372 Major kit w/zerk & 3 screws
5762	2100373 Major kit w/o zerk 3 screws
1922	2100203 Minor swivel repair kit
5407	18" rotary arm assembly w/ nozzles
1870	20" Rotary arm assembly w/no nozzles
5409	18" plastic brush with clips
2868	20" plastic brush w/clips
5485	Caster and bracket Kit (4)
5268	GP 2502 1/4" MPT nozzles



Made in U.S.A.

SIDEWINDER

2 year warranty

Features

High pressure safety trigger
 Heavy duty lightweight aluminum handle
 Heavy duty high pressure swivel with heat treated components (field repairable)
 Self aligned rod ends
 Custom Fuller Brush assembly eliminates over spray: indoor and outdoor use.

Specifications

- 210°F. maximum
- 2,000 to 4000 PSI
- 12 GPM maximum
- 3 GPM MINIMUM
- Cleans 200 sq. ft./min.
- 20" deck
- Weight: 19 lbs
- 1/4" 2503 nozzles



Model 105C



Model 105CW

Collapsible handle for easy storage

Part	Product
5915	Model 105C floating
6701	Model 105C w/wheels
5916	Model 105F Floating
6702	Model 105F w/wheels
5917	Swivel Seal Kit



Contractor Surface Cleaners

No cleaning task is too much for this surface cleaner. Clean large areas like gas stations, parking lots, airport hangars, and school yards. Industrial strength insures longevity. The onboard wand completes this model allowing you to quickly clean corners or rinse down surfaces.

- 4000 PSI maximum
- 250°F maximum
- Relax action gun
- Mosmatic DYC swivel
- 1/8" 1503 nozzles (2)
- Stainless steel deck
- 4" stainless steel casters



Part	Mos #	Size
6933	80.774	21" 2 Rotor Arms
6934	80.775	30" 3 Rotor Arms

Replacement Swivel & Arms

Part	Mos #	Size
6382	55.253	DYC Swivel
6383	82.942	21" 2 arm, 2 nozzles rotor
6384	82.943	30" 3 arm, 3 nozzles rotor

Commercial Surface Cleaners

For hot and cold water application. Ideal for cleaning parking lots, gas stations, school yards, gangways, etc.

- 4000 PSI maximum
- 250°F maximum
- Relax action gun
- 2 Rotor Arms
- 1/8" 1503 nozzles



Part	Mos #	Size
6863	80.770	21" Hover
6932	80.771	21" w/Casters

Small Area Surface Cleaners

Multi-function, multi-task surface cleaner to clean brick walls, RV's, boats, stadium stairs, kennels, sidewalks, car wash walls.

Converts to wall cleaning unit in seconds.

Features:

- Stainless steel deck
- Quick connect lance
- Relax action gun
- 2 1/8" nozzles
- 4000 PSI maximum
- 250°F maximum

Part	Mos #	Size
6930	78.262	12" Hover
6931	78.272	12" with Casters



Surface Spinners

Maximize your pressure washers effectiveness!

Surface cleaners with Talon Swivel

- All metal chassis & aluminum deck
- Trigger gun built into handle
- 3/8" quick coupler nipple for hose hookup
- Large 10" pneumatic rear tires
- Large 3" front caster
- Stainless steel spray arm assembly
- 2 nozzle spray arm assembly
- 1/4 meg 15025 nozzles standard
- 1500 PSI Minimum pressure
- 4000 PSI Maximum pressure
- 2000 RPM maximum
- Minimum flow 3 GPM
- Maximum Flow 6 GPM
- MADE IN USA



Part	Product
6147	24" spinner
6144	30 Spinner

Surface cleaners with Deublin Swivel

Optional gun and lance can be detached to clean corners
Inset wheels to allow cleaning of edges
Front mounted swivel caster allows easy handling & turning
Two 1/4 meg 15 degree nozzles standard
Three nozzle spinner available

- Maximum Pressure: 4000 PSI
- Minimum Pressure: 1500 PSI
- Maximum Flow: 8 GPM
- Minimum Flow: 3 GPM
- Maximum Temp. 210°F.
- Maximum Speed: 2000 RPM
- Cleaning Path: 24"
- Approx. Ship Wt: 53 lbs.



Patented Height

adjustment system on the 30" spinner keeps the deck at a constant 3/4" off the ground while raising or lowering spray arm assembly from 3/4" to 2-3/4" to increase or decrease impact. Great for cleaning pressure sensitive surfaces!



Part	Product
3325	24" spinner
3326	30 Spinner

UNDER CARRIAGE CLEANERS



Hurricane Under Carriage Cleaner

Makes it easier to clean underneath vehicles with a clearance of 7" or more. Can be used for cars, trucks, agricultural machinery and at construction sites without using a car lift.

When a stabilizer nozzle is installed it has even more power, creating a 3 to 5 foot penetrating stream. The version with the stabilizer also has a higher protective ring.

9" tall

The guard plate protects your rotating arms from damage from objects cleaned off the vehicle, ie, ice.



Deck adjustment from 0° to 90°

The adjustable angles allow for "all around" cleaning on construction machines, fleet vehicles, boats or agricultural machines using just one undercarriage cleaner.

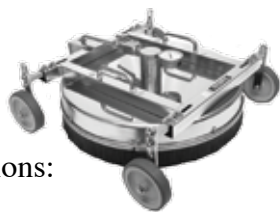
- 4000 PSI maximum
- 250° F. maximum
- Completely stainless steel



Part	Mos #	Size
6436	80.611	21" w/2 1/8" nozzles
6556	80.613	21" w/2 stabilizer nozzles
6499	80.617	Adjustable undercarriage

Mosmatic Roof Cleaner

Mosmatic roof cleaner is an industrial quality tool specially designed for efficient, high pressure roof cleaning while keeping the operator in a safe operating area.



Specifications:

- 3/8" FPT inlet
- 21" stainless steel housing
- 4000 PSI maximum
- 250°F maximum
- 2 x 1503 1/8" nozzles (not included)

Part	Mos #	Size
6914	80.658	DR-520 Cleaner

Water Brooms

High pressure water broom! Connect to pressure washer up to 3000 PSI

Standard Unit Includes:

- Water broom with nozzles
- 59" wand pipe
- High pressure inlet filter
- Side handle
- Twin caster wheels

Deluxified units also include gun & QC plug

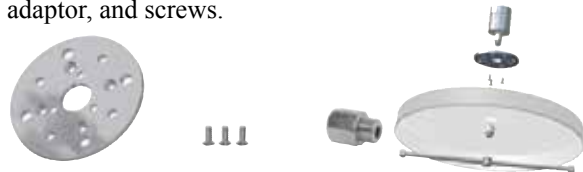


Part	Product
6062	12" Standard kit w/3 nozzles
6604	12" Deluxified kit w/3 nozzles
1545	12" water broom w/o nozzles
6587	16" Standard Kit w/ 4 nozzles
6605	16" Deluxe kit w/4 nozzles
6730	16" water broom w/o nozzles
2215	650135 1/4 meg nozzle

Swivel Conversion Kit

Convert most concrete cleaner swivels to a quality Mosmatic swivel in most cases for less than the cost of a replacement swivel assembly for your machine

Kit includes aluminum conversion ring, 1" stainless steel adaptor, and screws.



Part	Mos #	Product
6612	55.903	Conversion Kit
6168	55.153	3/8FPT x 3/8MPT DYC swivel
6496	59.051	1/4FPT x 1/4MPT DYT swivel
6131	59.153	3/8FPT x 3/8MPT DYT swivel

TKA Turbo Rotor Arms

Mosmatic Turbo rotors for use as a self-rotating unit on: Flat surface cleaners, Tire cleaner applicators, parts washers and undercarriage cleaners.

- 4000 PSI maximum
- 250°F. maximum
- Stainless steel body & pipe
- Inlet: G3/8"F,
- Outlet 1/8" FPT
- Nozzles NOT included



Part	Mos #	Size
6493	82.811	16"
6494	82.812	18"
6495	82.813	20"
6918	82.814	22"
6919	82.815	24"



Clean surfaces, capture dirty water and release filtered water back into your water tank, reclamation system or down the drain if local codes allow.

FURY 2400 CVU

Compact vacuum systems capable of fluid recovery with one or two clean and capture tools up to 300 feet.



Clean your surface with a 16" or 24" surface cleaner or pressure washer and remove waste water and debris to the fury 2400CVU in one operation. The primary tank captures the waste and filters out rocks, sediment, etc. The dirty water is filtered so it can be removed through the sump pump to your approved discharge area. The sump pump is operated on 120v and needs to be attached to a generator or plugged into an electrical socket.

This unit is capable of operating two 16" surface cleaners as long as a second pressure washer is used.

Package includes:

- 2400CVU vac unit with 16HP Vanguard Engine
- Tuthill 4005 blower, rated at 355 CFM
- Primary separation tank with sump pump
- 16" clean and capture tool with Talon 4 swivel
- Quantity 2 100 ft vac hose with cam lever couplings

Part	Product
6945	2400CVU Compact Vac Unit

Fury Accessories

Part	Product
6031	16" Clean & Capture Tool
6039	24" Clean & Capture tool
6051	2" x 50' vac hose with couplings
6070	2" x 100' hose with couplings
6078	Vac hose Reel (up to 300')

Vacuum disk

Sturdy disk excellent addition to your vac system to remove liquids. Lay near water to be cleared and turn on vac.



Part	Product
6079	Vacuum Disk

FURY 2400

Gasoline powered system for use with existing hot or cold pressure washer. Capture waste water up to 200 feet.

Waste is sent to the 55 gallon primary tank that catches all the heavy items such as rocks, gravel, etc. The remaining dirty gray water is then sent to the dome tank on the vacuum unit. The waste pump then pumps the water out of a 1" fitting on the front of the machine. The water, which has been filtered down to 200 microns, is then run through the hose to wherever the dirty water is to be discharged.



Package includes:

- 2400 vacuum unit with 16HP Vanguard Engine
- Tuthill 3006 blower, rated at 290 CFM
- Scott belt driven waste pump
- Clear dome separation tank on the unit
- 55 gallon primary separation tank
- 16" clean and capture tool with Talon 4 swivel
- 200 feet of 2" vacuum hose

Part	Product
6943	2400 Vacuum System

Vacu-Boom

When the vac system is turned on the vacu boom seals itself to any hard surface. The liquid is extracted into the boom. Captures and contains concentrated flammables or hazardous liquids without extraction.



Part	Product
6093	Vacu-Boom

Sand Tube

Great to divert water around doorways or drainage systems. Fill with sand or stones.



Part	Product
6130	8' x 48" Black

SOFT WASH SYSTEM

SOFT WASH Pressure Washer



Gas driven low pressure skid mount unit for usage in soft wash for cleaning roofs, and other areas that may be damaged with high pressure.

Features a 6.5 HP Honda GX200 engine and Comet P36 diaphragm pump.

P36/10-GR Pump



Features Duraphargm technology. chemical resistant wet parts comaptible with aggressive softwash chemicals. Hexagonal manifolds for smooth and quiet operation. Pressure regulator included.

Membrane Diaphragms	GPM	PSI	RPM	HP
3	9.3	145	550	0.9

Polypropylene Gun

Ideal gun for use in soft wash applications



- 18 GPM max
- 400 PSI max
- 1/2" FPT inlet
- 1/2" FPT outlet
- Stainless steel spring

Continental Pliovic Hoses

ContiTech

There are 2 options for hose with the soft wash system. Continental pliovic FG is a clear reinforced tubing for low pressure situations up to 250 PSI.

The Pliovic AG spray orange hose is a lightweight high pressure hose up to 600 PSI. Cover is a spiral synthetic yarn.

Aluminum Hose Reels



- Lightweight aircraft-grade aluminum disks and frame
- PVC spool and stainless steel hardware
- 316 Stainless steel core with lifetime warranty
- Suitable for use with sodium hypochlorite

Part	Product
7021	Softwash GX200-P36GR
7022	P36/10GR Diaphragm Pump
3826	Polypropylene gun
7029	HR-12 Hardcore Hose Reel
7030	HR-18 Hardcore Hose Reel
7023	P36 Repair Kit (valves, diaphragms, and o-rings)
3667	1/2" x 300' Pliovic AG orange hose
2553	1/2" x 300' Pliovic braided hose

GAS PRESSURE WASHERS

HURRICANE

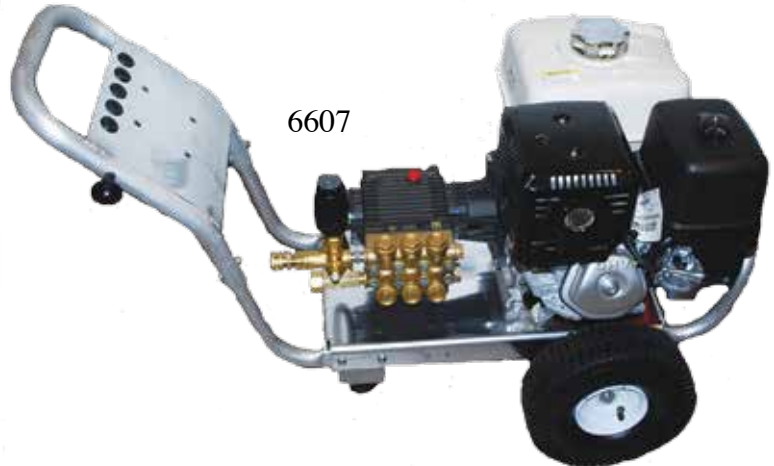


Professional Direct Drive Cold Water Pressure Washers

Hurricane pressure washers are designed for the home owner to heavy duty industrial usage. With their lightweight aluminum frames and pneumatic tires the Hurricane cold water gas driven direct drive pressure washers can be easily moved from one area to another with little effort.



6356



6607

Standard Features:

- Honda engines with low oil protection
- Triplex plunger pump with external unloader
- Ultra lightweight corrosion resistant frame
- Adjustable pressure
- Pneumatic tires
- Thermal relief protection
- Easy engine oil drain system
- 3/4" cold rolled steel axle
- Dual anti-vibration rubber isolators
- Nozzle holders on handle plate

Part	GPM	PSI	Pump	Engine	Unloader	Tires
6278	3.5	2500	RCV3G25	6.5 HP	VRT3-250	10"
6183	3.5	2500	LWD3025G	6.5 HP	VR-54	10"
6356	3.0	2500	TP2530G	6.5 HP	VRT3-310EZ	10"
6212	3.5	4000	ZWD4040G	13 HP	VRT3-310EZ	10"
6915	3.5	4000	RRV4G40D	13 HP	VRT3-310EZ	10"
6607	3.5	4000	EZ4040G	13 HP	VRT3-310EZ	10"

PW Accessory Kits

Gun, hose, lance and injectors are options with all Hurricane Cold Water pressure washers

- EVERYTHING QUICK CONNECTED!
- High pressure hose w/quick connects
- Spray gun w/quick connects plug inlet
- Lance w/quick connect socket outlet
- 5 Quick change nozzles
- Quick change injector kit

Part	Product
6547	1/4" x 35' hose (no injector)
5847	1/4" x35' 4000 PSI hose
6500	3/8 x 50' hose (no injector)
6550	3/8" x 50' R1 4000 PSI hose kit
3261	Foam packaging for UPS shipment
3197	UPS foam 13 HP units

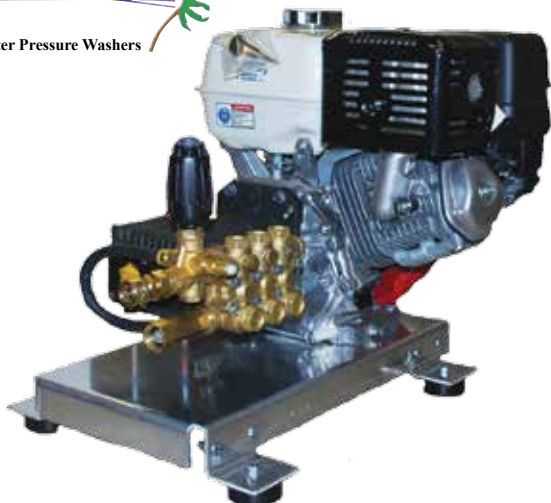


GAS PRESSURE SWASHERS

HURRICANE



Cold Water Skid Mount



HURRICANE Skid mount gas driven direct drive pressure washers are designed for heavy duty use. The unit can be bolted to a floor, work bench or trailer. With the protective rubber hockeystick type rubber feet it can sit stationary on any flat surface.

- Heavy duty aluminum frame
- Honda GX engines
- Triplex direct drive plunger pumps
- Adjustable pressure unloader

Part	GPM	PSI	Pump	Engine	Unloader
6187	3.0	2500	LWD3025G	6.5 HP	VR-54
6430	3.5	4000	ZWD4040G	13 HP	VRT3-310EZ
6389	3.5	4000	RRV4G40D	13 HP	VRT3-310EZ
6470	3.5	4000	EZ4040G	13 HP	VRT3-310EZ

See page 91 for accessory kits

Cold Water Gas Belt Drive

Designed for heavy duty commercial and industrial usage, Hurricane belt drive units will provide cleaning performance under the most challenging situations. Put these work monsters to the test all day long to prove its superior value with minimal maintenance requirements.



Standard Features:

- Triplex plunger oil bath pump
- Adjustable pressure unloader
- Low oil alert
- Aluminum frame
- Pneumatic tires
- Dual handles for easy lifting for storage
- Ship common carrier only

Gun, hose, lance and injectors are options with all Hurricane Cold Water pressure washers

Part	GPM	PSI	Engine	Pump
6580	4.0	3500	Honda 13HP	TSS1511
6082	5.5	3500	Briggs 18HP	HP5535

See page 91 for accessory kits

ELECTRIC PRESSURE WASHERS



Electric Direct Drive

Hurricane electric direct drive pressure washers for light to medium duty commercial or home owner usage. These portable units are excellent for indoor usage for auto dealers, truck bays, etc. Lightweight and fully pneumatic tires with the long bent handle allow for ease of movement around the outside of any facility. Quality Baldor ODP and TEFC motors are featured on all units along with triplex plunger pumps from General, AR, and Comet pumps.

- Baldor electric motors
- 10" fully pneumatic tires
- Gun, lance, nozzle holder
- GFCI on 1.5 and 2 HP units



1750 RPM 120V 5/8" Shaft

Part	GPM	PSI	Pump	Unloader	Motor
6577	2.0	1000	XTA2G15EBA	VR54	1.5 HP TEFC
6393	2.0	1500	LWS2020E	VR54	2.0 HP ODP
6885	2.0	1500	RCA2G22E	VR54	2.0 HP ODP
6542	2.0	1500	XTA2G15EBA	VR54	2.0 HP ODP
6042	2.0	1500	T9051EBF	VR54	2.0 HP ODP

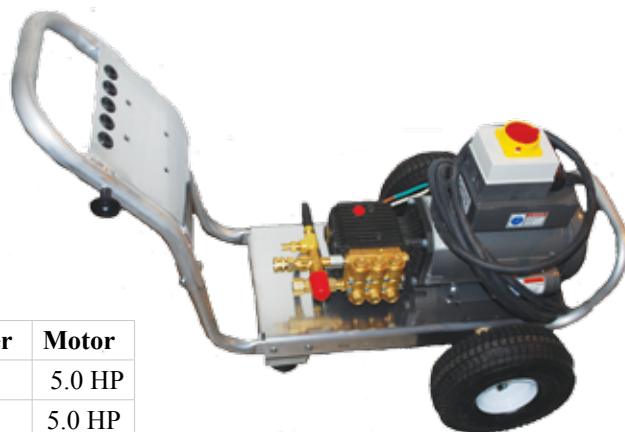
3450 RPM 120V 5/8" Shaft

Part	GPM	PSI	Pump	Unloader	Motor
6396	2.0	1000	LWD2020E	VR54	2.0 HP TEFC
6223	3.0	1000	2SFX30ES3	Bolt-on	2.0 HP TEFC
6270	3.0	1000	2SFX30ES	Bolt-on	2.0 HP TEFC
6811	2.1	1000	TT9061EBF	VR54	2.0 HP TEFC
7017	3.0	1000	TT9071EBF	VR54	2.0 HP TEFC

3450 RPM 240V 3/4" Shaft

- 5 HP units have no GFCI
- Baldor ODP motor
- Heavy duty cam on-off switch
- 36' 10-3 electrical cord

Part	GPM	PSI	Pump	Unloader	Motor
6599	3.5	2000	TT2035EBF	VR54	5.0 HP
6407	3.5	2000	LWD3522E	VR54	5.0 HP



Pressure Washer Accessories

Part	Product
5947	1/4" X 50' hose, gun lance nozzles
6550	3/8" x 50' hose gun lance nozzle injector
6500	3/8"x50 hose, gun, lance nozzles

Electric Pressure Washer Options

Part	Product
4989	Optional upgrade foam filled tires
3261	Foam in box for UPS shipment

ELECTRIC PRESSURE WASHERS

HURRICANE

Electric Skid Mount



HURRICANE Skid mount electric direct drive pressure washers are designed for light to heavy duty commercial and home owner use. The unit can be bolted to a floor, work bench or trailer. With the protective rubber hockey type rubber feet it can sit stationary on any flat surface.

- Heavy duty aluminum frame
- Baldor Electric ODP motor
- Triplex direct drive plunger pumps
- Exterior adjustable unloader

Part	GPM	PSI	Pump	Unloader	Motor
6395	2.0	1000	LWS2020E	VR54	2.0 HP ODP
6402	2.0	1000	LWD2020E	VR54	2.0 HP ODP
6408	3.5	2000	LWD3522E	VR54	5.0 HP ODP

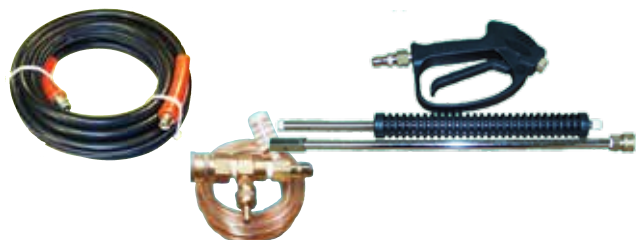


F7 Hand Carry Electric

Designed for stationary use and easy portability for those with limited space. These units can be mounted to a work bench, on a wall, the bed of a truck or simply carried from work site to work site

Part	GPM	PSI	RPM	Volts	Amps	Pump	Unloader	Motor
6004	2.0	1000	1750	120	14.5	AR XTA2G15EBA	VB3K	1.5 HP TEFC
6394	2.0	1250	1750	120		COMET LWS2020E	VR54	2.0 HP ODP
6397	2.0	1250	3450	120		COMET LWD2020E	VR54	2.0 HP TEFC
6404	2.0	1250	3450	120		COMET BXD2020E	Built-in	2.0 HP TEFC
6234	3.0	1000	3450	120	16.5	CAT 2SFX30ES3 190°	Bolt on	2.0 HP TEFC
6886	2.0	1500	1750	120	16.8	AR RCA2G22E	VB3K	2.0 HP ODP
6045	2.0	1500	1750	120	16.8	AR XTA2G15EBA	VB3K	2.0 HP ODP
6124	2.0	1400	1750	120	20.0	General T9051EBF	VB3K	2.0 HP ODP
6296	2.5	1100	3450	120		CAT 2SF30ES	Bolt-on	2.0 HP TEFC
6812	2.1	1500	3450	120	18.3	General TT9061EBF	VB3K	2.0HP TEFC
7018	2.85	1000	3450	120		General TT9071EBF	VR54	2.0 HP TEFC

Pressure Washer Accessories



Part	Product
5947	1/4" X 50' hose, gun lance nozzles
6550	3/8" x 50' hose gun lance nozzle inj.
6500	3/8"x50 hose, gun, lance nozzles
3261	Foam for UPS shipments



Residential Pressure Washer

- Trigger spray gun
- Lance with adjustable jet nozzle
- 18' high pressure hose

Pressure maximum: 1900
 GPM maximum: 1.5
 Horse Power: 1.5
 Weight: 22 lbs.
 115v 15a.



Part	Product
6750	AR383

HOT WATER PRESSURE WASHERS



Hot Water Pressure Washers

Portable Direct Drive

Standard Features:

- Powder coated steel frame
- General pump
- Roll cage with lift hook
- 4 Pneumatic tires
- Schedule 80 coil
- 9 gallon poly fuel tank
- Honda GX390 w/electric start
- Battery & marine battery box
- Beckett burner



Standard Accessories:

- Trigger spray gun w/lance
- 50' high pressure hose
- Chemical injector
- 4 QC spray nozzles
- 1 QC chemical nozzle
- Pressure relief valve
- Thermal relief valve

Part	GPM	PSI	Pump
6105	4.0	3500	EZ4040G

Skid Mounted Belt Drive

Standard Features:

- Heavy duty powder coated steel frame
- Schedule 80 coil
- 12v system w/20amp charging
- Commercial Electric start 12v system
- Battery and box included
- General triplex plunger pumps
- Beckett Burner
- Adjustable thermostat
- 4 belt system

Standard Accessories:

- Trigger spray gun with lance
- 50' high pressure hose
- Chemical injector
- 4 QC spray nozzles
- 1 QC chemical nozzle



Part	GPM	PSI	Pump	Engine
6102	5.5	3500	HP5535	18 HP Vanguard
6106	5.5	3500	TS2021	20 HP GX630

PRESSURE WASHER ACCESORIES

PW Accessory Kits

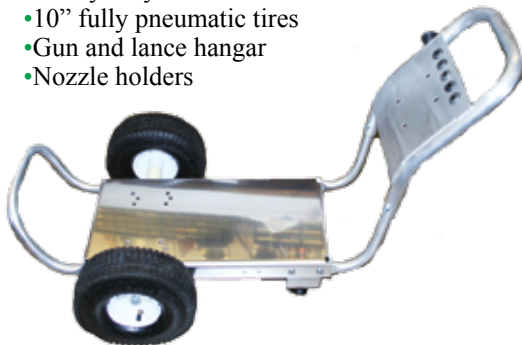
- EVERYTHING QUICK CONNECTED!
- High pressure hose w/quick connects
- Spray gun w/quick connects plug inlet
- Lance w/quick connect socket outlet
- 5 Quick change nozzles
- Quick change injector kit



Part	Product
6547	1/4" x 35' hose (no injector)
5847	1/4" x35' 4000 PSI hose
6500	3/8 x 50' hose (no injector)
6550	3/8" x 50' R1 4000 PSI hose kit

Aluminum PW Frame

- Heavy duty aluminum
- 10" fully pneumatic tires
- Gun and lance hangar
- Nozzle holders



Part	Product
4007	F6 Aluminum Base 11.25 x21.88"

Aluminum Skid Frame

- For direct drive pressure washers
- Polished aluminum frame suited to mount up to 5HP electric motor or up to 13 HP gas engine.
- 4 Hockey puck style feet for stability.
- Pre-drilled for motor/engine



Part	Product
3082	Aluminum 22" x 11.25"

Hand Carry Frame

Easy to carry with soft rubber handle.
Hand portion bolts directly to motor.
Motor is bolted to base
Can be wall mounted.
Steel construction



Pump, motor and un-loader not included

Part
6656

Frame Accessories



Part	Product
2638	4.10 x 3.50-4 pneumatic tire 3/4" hub
3320	4.10 x 3.50-4 pneumatic tire 5/8" hub
5420	13 x 5.00-6 pneumatic 3/4"x77mm hub
3306	10" Foam filled tire 3/4" bushing
5545	350-4 10" inner tube only
4542	Frame foot (hockey puck style)
3029	Nozzle holder grommet
5028	Vibration Dampener 5 & 6.5HP
5029	Vibration Dampener 9 & 13HP

Safety Labels



Meet ANSI
Z535.4 of 2002

Part	Label Kit
6567	Labels for pressure washers (6/kit)

Symbols

22mm Screw Couplers **10**

A

Accumulators **74**
 Air Filters Honda Engines **62**
 Aluminum Hose Reels **90**
 Anti-fatigue Strap & Belt **19**
 AR Diaphragm Pumps **58**
 AR Jetter Valves **53**
 AR Pumps **51, 52**

B

Back Flow Preventer **77**
 Balanced Relief Valves **37**
 Baldor Motors **60**
 Ball Valves **32**
 Beckett Burner Parts **66**
 Blue Cap Water Filters **75**
 Blue Top Calcium Removal **76**
 Blue Top Water Filters **75**
 Brass Pipe Fittings **80**
 Brass Soap Nozzles **24**
 Breco Double Shut-off QC **10**
 Briggs Engine Filters **62**
 Brushes **82**
 Brush Handles **82**
 Burner Assembly **66**
 Burner Motors **67**
 Burner Parts **66**
 Burner Rings **69**

C

Cable Ties **5**
 Calcium Removal **76**
 Cam Switches **72**
 Car Wash Pumps **41**
 CAT Pumps **47**
 Check Valves **73**
 ChekMate Transformer Tester **67**
 Chemical Strainers **74**
 Clamps **5**
 Coil blanket Insulation **70**
 Coil Cleaner **71**
 Comet Diaphragm Pumps **58**

Comet Pumps **45**
 Couplers **10, 78, 79, 80, 81**

D

Delavan Fuel Nozzles **70**
 Dental Pick Tools **9**
 Descaling Pump **71**
 Diaphragm Pumps **57, 58**
 Double Shut-off Couplers **10**
 Downstream Injectors **29**
 Dual Lances **17, 18**
 Dual Roll Over Nozzle Holders **20**
 Duct Cart **29**
 Duct Cleaners **29**
 Dump Gun **16**
 Duraview Inlet Filters **77**

E

Easy Start Valves **74**
 Electric Motors **60**
 Electric Pressure Washers **93**
 Electric sprayers **83**
 Electronic Ignitors **67, 68**
 Engine Filters **62**
 Engine Throttle Control **59**
 Everflo Diaphragm Pumps **57**
 Extraction Kit **59**

F

Felt Fuel Oil Element **70**
 Fiber Insulation **70**
 Fittings **78, 79, 80, 81**
 Flexsteel 250 CB Steam **4**
 Float Tanks **75**
 Float Valves **75**
 Flow Switches **71**
 Foam Jet Kit **27**
 Foam Lance **27, 28**
 Foot Valves **28**
 Frames **96**
 Freight Saver Lance Extender **16**
 Fuel Filters **62, 70**
 Fuel Nozzles **70**
 Fuel Pumps **68**
 Fuel/Water Separator **71**

G

Garden Hose Accessories **77**
 Garden Hose Ball Valve **78**
 Garden Hose Fittings **78**
 Garden Hoses **77**

INDEX

Gas Valves **69**
Gauges **62**
General Pumps **38**
Generators **61**
GeniSys Burner Control **66**
Giant Pumps **54**
Green Cap Water Filters **75**
Ground Faults **61**
Guns **11, 12, 13, 14, 15**

H

H-Bushings **61**
High Limit Switches **73**
High Pressure Filters **24**
Hi-Lo Nozzles **26**
Hi Pressure Injector **30**
Hobby Hoses **4**
HONDA Replacement Air Filters **62**
Honda Replacement Parts **63**
Hose Barbs **78, 81**
Hose Clamps **5**
Hose Reels **5, 6, 7, 90**
Hoses **2, 3, 4, 5**
Hot Water Pressure Washers **95**
Hydro Excavating Gun **15**
Hydro Excavating Nozzles **15**
Hypro Pumps **55**
Hypro Water Filters **76**

I

Ignitors **67, 68**
Injectors **29, 30**
Inlet Filters **77**
Insertion Kit **59**
Insta-Grip 250 Hose **5**
Insulation **70**

J

Jetter Valves **53**
JROD 4 Way Nozzle Holder **20**

K

Koils Kleen **71**
Kraus Naimer Cam Switches **72**

L

Labels, Safety **96**
Lances **15, 16, 17, 18**

M

M5 Nozzle **27**
Maintenance Meter **59**
Manhole Cleaner **28**
Marxoff Gutter Cleaner **19**
McCauley Sprayflex **19**
Metering Valve **27, 32**
Mitco Can Type Filters **70**
Mobile Duct Cart **29**
Molded Grip Lances **16, 17**
Mosmatic Rotor Arms **88**
Mosmatic Swivel Conversion Kit **88**
Mosmatic Swivels **7, 8**
Motors **60**

N

Nozzle Holders **20**
Nozzles **15, 22, 24, 70**
Nozzle Unclogger **20**

O

Oil **59**
Oil Drain Kits **44**
O-Ring Pick Tools **9**
O-Rings **9**

P

Packing Extraction Kit **59**
Packing Insertion Kit **59**
PD Timer **68**
Pipe Fittings **78, 79, 80, 81**
Polybraided Vinyl Tubing **4**
Polypropylene Fittings **81**
Polypropylene Gun **14, 90**
Pressure Gauges **62**
Pressure Reducing Valve **78**
Pressure Regulator **36**
Pressure Relief Valves **73**
Pressure Switches **71**
Pressure Valve **73**
Pressure Washer Frames **96**
Pressure Washers **91, 92, 93, 94, 95**
ProTek Nozzle System **70**
Pulley Sheaves **61**
Pulse Hose **5**
Pump Inlets **77**
Pump Oil **59**
Pump Oil Drain Kit **44**
Pump Protectors **74**
Pumps **38, 39, 41, 44, 45, 46, 47, 50**
Pumps Made Ready **49, 50**
Pump up Sprayer **83**
Push & Pull lance **18**

Q

Quick Connect Nozzles **23**
Quick Connects **9**

R

Racor Fuel Water Separator **71**
Red Devil Soot Remover **71**
Relief Valves **73**
Roof Cleaner **88**
Rotary Switches **72**
Rotating Brushes **82**
Rotating Nozzles **24, 25, 26**
Rotating Sewer Nozzles **28**
Rotor Arms **88**
Rupture Disk **73**

S

Safety Labels **96**
Safety Relief Valves **73**
Sand Blast Kit **31**
Sand Tube **89**
Scaltrol Water Treatment **76**
Screw Couplers 22mm **10**
Sewer Hoses **4**
Sewer Nozzles **28**
Shurflo Pumps **57**
Siphon Pumps **82**
Sludge Pump **28**
Soap Shooter **27**
Soft Wash Pressure Washer **90**
Solenoid Valves **68**
SOLO Pump up Sprayer **83**
Soot Remover **71**
Spiraflex Aggie Hose **4**
Spiraflex Hose **4**
Sprayers **83**
Spray flex **19**
Spray Guns **11, 12, 13, 14, 15**
ST-15 Descaling Pump **71**
ST72 Foam Lance **27**
ST 85 Push & Pull lance **18**
Steam Guns **15**
Steam Hoses **4**
Steam Nozzles **15**
Steel Pipe Fittings **79**
Strainer **74**
Suction Line **74**
Suntec Fuel Pumps **68**
Super Swivels **7**
Sure Fire Flow Switch **72**
Surface Cleaners **84, 85, 86, 87**
Suttner Turbo Nozzles **24**
Switches **71**
Swivel Conversion Kit **88**

Swivel Hose Reels **6**
Swivels **7, 8**

T

Tank Screens **74**
Teflon Tape **77**
Telescopic Super Wands **19**
Thermal Relief Valves **73**
Thermostats **73**
Thread Locker **83**
Throttle Control **59**
Ties **5**
Tires **96**
Transformers **68, 69**
Transformer Tester **67**
Trigger Guns **11, 12, 13, 14, 15**
Trombone Valve **20**
Turbo Nozzles **24**

U

UDOR Pumps **56**
Under Carriage Cleaners **88**
Unloader Blocks **33**
Unloaders **33, 34, 35, 36, 37**
Unloaders Made Ready **33**

V

Vacuum Switches **71**
Vacuum Systems **89**
Vented Grip Lances **17**
Vibration Dampener **96**
VRT3 Pressure Actuated **33**

W

Wand Pipes **17**
Wand Saver **16**
Water Brooms **88**
Water Filters **75, 76**
Water Separator **71**
Water Treatment **76**
Wayne Burner Assembly **66**
Wayne Burner Parts **66**
Whip Line Hoses **4**
White Water Combo Hoses **4**
Winco Generators **61**
Wrapped Hoses **4**

X

X-JET Long Range Nozzle **27**

Y

“Y” Connector **77**
“Y” Strainer **74**

