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**Proposition 65 Warning:** Certain products identified in this catalog with the symbol and offered for sale contain a chemical known to the state of California to cause cancer, birth defects or other reproductive harm.



**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**

## HPC

### Gen-Spec

MADE IN USA



- Smooth cover
- Reduced OD
- 4000 PSI Single braid
- 225°F. maximum

Gray and Blue are non marking hoses

Part	Hose
6659	3/8" x 50' Black
6660	3/8" x 100' Black
6892	3/8" x 50' Blue
6893	3/8" x 100' Blue
6998	3/8" x 50' Gray
6999	3/8" x 100' Gray

## HPC

### Smooth Cover



- Male solid and swivel fittings
- 250°F. intermittent
- Orange Bend on 4000 PSI
- Red Bend on 6000 PSI

#### 4000 PSI 1 Wire Braid

Part	Hose
6903	3/8" x 50' Blue
6941	3/8" x 50' Gray
6904	3/8" x 100' Blue
6964	3/8" x 100' Gray

#### 6000 PSI 2 Wire Braid

Part	Hose
6954	3/8" x 50' Blue
6962	3/8" x 50' Gray
6956	3/8" x 100' Blue
6963	3/8" x 100' Gray

### Wrapped Cover



#### 4000 PSI

Part	Hose
6282	3/8" x 50' Gray
6274	3/8" x 50' Blue
6283	3/8" x 100' Gray
6281	3/8" x 100' blue

#### 6000 PSI 2 Wire Braid

Part	Hose
6363	3/8" x 50' Gray
6332	3/8" x 50' Blue
6369	3/8" x 100' Gray
6339	3/8" x 100' Blue



## Continental

ContiTech

NOTE: FULL rolls may have up to 3 pieces with no piece under 50' If single piece on a roll is requested your order may be delayed and carry a 5% up charge. No fittings.

### Black Neptune

#### 1/2" ID 3000 PSI 1 Wire Braid

- Smooth cover
- Black bend restrictors
- MPT solid/swivel
- 250°F. maximum



Part	Length	Weight
1025	25'	9 lb.
1113	50'	18 lb
3733	100'	35 lb
5076	300'	71 lb.
4208	500'	ROLL

#### 3/8" ID 4000 PSI 1 Wire Braid

- Smooth cover
- Orange bend restrictors
- MPT solid/swivel
- 250°F. maximum



Part	Length	Weight
6450	15'	4 lb
6874	25'	7 lb
6875	30'	9 lb
6867	50'	13 lb
6868	75'	19 lb
6869	100'	26 lb
6870	150'	39 lb
6871	200'	52 lb
6872	250'	65 lb
6873	300'	78 lb
6713	500'	ROLL

#### 3/8" ID 4500 PSI 2 Wire Braid

- Smooth cover
- Red bend restrictors
- MPT solid/swivel
- 250°F. maximum



Part	Length	Weight
4923	15'	5 lb
4352	25'	8 lb
1207	50'	15 lb
4221	75'	21 lb
1458	100'	28 lb
4302	150'	35 lb
4158	450'	ROLL

#### 3/8" ID 6000 PSI 2 Wire Braid

- Wrapped cover
- Red bend restrictors
- MPT solid/swivel
- 250°F. maximum



Part	Length	Weight
6116	25'	8 lb
6165	50'	16 lb
6173	100'	32 lb





## BLUE Neptune Non-Marking

**1/4" ID 3000 PSI**

- Smooth cover
- Black bend restrictors
- MPT solid/swivel
- 250°F. maximum



Part	Length	Weight
5921	25'	7 lb
5279	50'	13lb
5280	100'	18 lb
1669	500'	ROLL

**3/8" ID 4000 PSI 1 Wire Braid**

- Smooth cover
- Orange bend restrictors
- MPT solid/swivel
- 250°F. maximum



Part	Length	Weight
6888	25'	9lb
6889	50'	13lb
6890	75'	18lb
6896	100'	25lb
6898	150'	38lb
6900	200'	56 lb
6899	500'	ROLL

**3/8" ID 4500 PSI 2 Wire Braid**

- Smooth cover
- Red bend restrictors
- MPT solid/swivel
- 250°F. maximum



Part	Length	Weight
5567	15'	5lb
5230	25'	7lb
5432	50'	13lb
5032	75'	15lb
5033	100'	25lb
5034	150'	42 lb
5036	450'	ROLL

## Gray Neptune Non-Marking

**3/8" ID 4000 PSI**

- Smooth cover
- Orange bend restrictors
- MPT solid/swivel
- 250°F. maximum



Part	Length	Weight
5908	25'	7 lb
5872	50'	13 lb
5875	75'	19 lb
5873	100'	26 lb
6783	150'	
6734	200'	
3724	300'	ROLL
6590	500'	ROLL

## Custom Cut Hoses

Part	Hose	PSI
3445	1/4" Blue Neptune	3000
3693	3/8" Black Neptune	4000
6598	3/8" Blue Neptune	4000
6596	3/8" Gray Neptune	4000
4159	3/8" Black Neptune	4500
2393	3/8" Blue Neptune	4500
6002	3/8" black Neptune	6000
4210	1/2" black Neptune	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



## Crimp Fittings Non Installed

Part	Hose
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 for 1/2" hoses



## Whip Line/Connector

Whip lines are made from ends of rolls or bulk hoses. Hoses are black, gray and blue. If you need specific color whip lines, order as custom cut above.



### 4000 PSI

Part	Hose
5830	3/8" x 2'
5893	3/8" x 3'
5894	3/8" x 4'
5907	3/8" x 5'
5362	3/8" x 6'
5566	3/8" x 8'
6497	3/8" x 10'

### 4500 PSI

Part	Hose
1693	3/8" x 2'
4311	3/8" x 3'
1204	3/8" x 4'
3319	3/8" x 5'
1203	3/8" x 6'
1202	3/8" x 8'



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## Whitewater Combo

For pressure washers and steam machines



- MPT solid fittings
- No bend restrictor on 1/2"
- Steam maximum 325° @ 350 PSI
- Hot water max 250° @ 3000 PSI
- 1/2" hose max 250° @ 2500 PSI

Part	Size	Weight
4891	3/8" x 25'	7 lb
1201	3/8" x 50'	13 lb
1553	3/8" x 100'	24 lb
1460	1/2" x 50'	18 lb



## Flexsteel® 250 CB Steam



For cleaning, heat control, fire prevention, pumping, thawing, blow out service and hoists in open-end or permanent installation operations

- 250 PSI maximum
- 450°F. maximum

Part	Size
3431	1/2" x 25' w/boss clamp
3188	1/2" x 50' w/boss clamp
3292	Boss hose clamp
3287	Boss stem



## Sewer Hoses



Durable thermoplastic construction is flexible and lightweight for cornering around elbows.

Smooth surface cover allows easy access through drain pipes and sewer lines

Part	ID	PSI	Lngh	Temp	Fittings
2560	1/8"	2500	50'	140°	1/8" x 1/4"
2561	1/8"	2900	100'	140°	1/8" x 1/4"
6217	1/4"	4350	50'	212°	1/4" x 1/4"
6215	1/4"	4350	100'	212°	1/4" x 1/4"

## Hobby Hoses



- 1/4" ID
- Oil Resistant synthetic rubber
- 3000 PSI maximum
- 140°F. maximum
- Replacement for home owner type machines

Part	Size	Fittings
6125	30'	22mmx22mm



## Pulse Hoses



- 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

## Push-On Hoses



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



## PVC Poly Braided Hose

Reduced OD, more flexible and WON'T KINK.

Part	ID	Roll
2417	1/4"	100'



## PVC Clear braided Hoses



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



## Ag Suction Hoses

- PVC tube with rigid PVC helix
- Transparent construction
- 110° @ 68°F 70PSI @ 104°F
- MSHA approved



Part	ID	Length
3111	3/4"	20'
3754	3/4"	100'
4135	1"	20'
4011	1"	100'
4015	1 1/2"	20'
3138	1 1/2"	100'

## Orange Ag Hoses



- Ribbed cover for reduced drag
- Orange color
- Non marking
- Lightweight, easily coil after use
- Chemical resistant



Good for lawn spraying, agricultural, vineyard, nursery

Part	ID	Length
3894	1/2"	100'
3899	1/2"	200'
3667	1/2"	300'



## Plastic Cable Ties

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



## Band Hose Clamps

Part	Size	Band	Diameter
1495	#04	5/16"	1/4"-5/8"
1496	#06	5/16"	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"



## Hard Core Hose Reels

- Lightweight aircraft-grade aluminum disks and frame
- PVC spool & stainless hardware
- 316 Stainless steel core •Suitable for sodium hypochlorite



Part	Product
7029	HR12 reel
7030	HR 18 reel



## Challenger

- Made in USA
- 4000 PSI maximum
- Viton swivel seals
- 225°F. maximum



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

4063	6329-1-1	Brake bearing
5977	1935	Swivel 3/8 FPT
5993	1935seal	1935 repair kit



## Competitor

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



Part	Hose	Cox Part	Dimensions
4869	300'	1125-4-200	25x18x17
6980	450'	112-4-325	31x18x17

4129	7429-4	Drag brake
5979	439seal	Repair kit
2615	Locking	pin assembly



## Hand Crank Reels HPC Stainless Steel

All stainless steel hose reel that will hold up to 400 feet of 3/8" 3/8" hose or 300 feet of ag hose. Swivel for high or low speed options.



Part	Product
7132	3/8 x 200' 5000 PSI
7133	3/8 X 400' 5000 PSI
7130	1/2" X 150' 600 PSI
7131	1/2" X 300' 600 PSI



## Swivel Reels

- Reels swivel 200°
- Axle prevents hose from kinking
- Adjustable friction brake eliminates back lash when rewinding hose
- Multi position collar with spring loaded lock pin allows reel to be positioned in a variety of psiitons and locked
- Hose guide allows for easy hose rolling and prevents kinking
- 1/2" FPT in/out
- 4000 PSI maximum
- 250°F. maximum



5701

## Drop-In



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



5701

## Wall Mount



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



## Flat Surface Mount



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



## Mount block

Mounts to any round or square tubing



Part	Product
5702	K01-2026 100'



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# HOSE REELS



## "A" Frame Reels

- Heavy duty
- 5000 PSI SS swivel
- Viton swivel o-ring
- Switchable swivel/handle
- 3/8" & 1/2" FPT I/O
- Drum friction brake
- Powder coating on reel
- Mount on wall, bench or pressure washer



Part	Product
7008	3/8" x 150' reel
7009	3/8" x 300' reel
7010	3/8" x 450' reel
2217	2103246 swivel 1/2"
2535	2103249 Swiv kit
3110	Hi-temp swiv kit
2255	Hand crank

## Power Rewind Kit



Can be assembled with all three A-frame reels. DC 12 volt electric motor includes mounting bracket, ring gear and stainless steel hardware



Part	Product
7059	12v rewind kit

## "A" Frame Accessories

### Reel Guide Assembly



- Protects hose when being pulled out or on an angle
- 4 ways enclosed pinch-proof
- Stainless steel guides
- Corrosion resistant stainless steel hardware



Part	Product
7060	2100462 150' guide
7061	2100463 300' guide
7062	2100503 450' guide

### Hose Reel Stacking Kit



- Fits up to 4 high
- Stainless steel hardware
- Fits all A-frame hose reels
- Reels sold separately
- Assembly required



Part	Product
7011	Stack 150' & 300'
7014	Stack 450' reels

### Hose Reel Cart



- Flat free tires
- Reel sold separately
- Assembly required



Part	Product
7012	For 7009 reel only

## Hand Carry Reel

Can be used as a standard hose reel with a 3/8" hose or as a sewer jetting reel with the optional sewer jetting kit and a 1/4" sewer hose.



- 3/8" x 100' hose
- 1/4" x 125' hose
- 5000 PSI rated swivel
- Nickel plated hose mounting
- 3/8" MPT inlet
- 3/8" FPT outlet



### Sewer Jetting Kit



- Mounts to Hand carry hose reel
- Includes full flow ball valve
- 1/4" FPT inlet/outlet
- Glycerin filled gauge
- 3 sewer jetting nozzles



Part	Product
7016	Hand Carry reel
7064	210358 Jetting kit

## Hand Crank



- Extend your hose life
- 4000 PSI maximum
- 3/8" I/O
- Mount on wall or bench
- Full flow swivel
- Powder coated
- 225°F. maximum



## Swivel Wall Mount Kit

Easily mount HPC hose reels to the wall with locking swivel plate



Part	Product
5355	50' 3/8" MPT x 3/8" FPT
5430	100' 3/8" FPT x 3/8" FPT
5440	200' compact 3/8" MPT x 3/8" FPT
7063	2100379 Wall mount kit
4255	Handle assembly w/screws
5429	Swivel 3/4 M27MST & 3/8" FPT in 3/8" FPT out 4000 PSI
5428	Swivel 1/2" MPT x 3/8" FPT
6782	Swivel kit for 5428 & 5429
6753	Swivel o-ring kit for 5428 & 5429
2603	Hi temp swivel kit 5428 & 5429



## Hand Crank



- 100' of 3/8" hose
- 1/2" inlet/outlet
- 3000 PSI maximum
- 325°F. maximum



Part	Product
4901	18006M





## 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' 3/8" hose
- 1/2" inlet/outlet
- 3000 PSI maximum
- 225°F. maximum
- 26" high 6" reel width
- 131 lbs. shipping weight



Hose and hose stop separately

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



Position VR Swivel right    Position TR Swivel left    Position SR Swivel right

Ships via common carrier. Allow 2 weeks lead time

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



## Spring Rewind

- 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

- 5000 PSI maximum
- 100' of 3/8" hose
- 325°F maximum
- 1/2" I/O



Non-stock item. ships common carrier

Part	Product
6884	PW81000 OHP
4324	Hose stop

## Reel Swivels

- 10 GPM maximum
- 300°F. maximum
- 4000 PSI maximum
- Viton o-ring



Part	Product
1778	Adams 1/2" FPT
1779	Repair kit



## Reel Swivels

**NEW 2019**

Mosmatic is revolutionizing the hose reel swivel market with the all new 90° WDEI.

- Top endurance performance
- Maintenance free, no lubrication necessary
- Ultra compact design up to 1"



Part	Mos	Product	Pressure
7142	43.482	3/8F x 3/8M	500
7143	43.462	3/8F x 3/8M	501-5800



Heavy duty swivel for guns, hose reels, booms



- Swivels under pressure
- Ball bearing design
- 5000 PSI maximum
- 400° F. maximum



Part	Product
4523	Inline 1/4 MPT X1/4 FPT
5880	90° 3/8 FPT x 3/8 FPT
4526	Inline 3/8 MPT x 3/8 FPT
4577	90° 3/8 MPT x 3/8 FPT
4575	Inline 1/2 MPT x 1/2 FPT
6626	90° 1/2 FPT x 3/8 FPT
4578	90° 1/2 MPT x 1/2 FPT
5881	90° 1/2 FPT x 1/2 FPT
4579	1/4" Repair kit
4580	3/8" & 1/2" Repair kit



## 90° Boom Swivels



- 7 GPM maximum
- 300°F. maximum
- 3/8" M/F

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



## 90° Swivels

Applications: hose reels, ceiling booms, surface cleaners



- Dual sliding bearing system
- Stainless steel inner parts
- 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
6926	43.252	WDB 3/8F x 3/8M
6928	43.354	WDC 1/2F x 1/2F
6927	43.353	WDC 1/2F x 1/2M
7004	43.912	WDE seal kit
6929	43.904	WDB/WDC kit



## Stainless Steel Swivels



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

Part	Product
6755	PA 1/4F x 1/4M
6754	PA 3/8 F x 3/8M

- 10 GPM
- 5000 PSI maximum
- 200°F. maximum

Part	Product
2235	Adams 1/4F x 1/4M
2238	Adams 3/8 F x 3/8M
2236	Adams 1/4" repair kit
2237	Adams 3/8" repair kit



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## In-line Swivels

**LIVE SWIVEL:** Attach to any type of high pressure gun, lance or whip line for easy turning, low maintenance



- MADE IN USA
- 250°F. maximum
- 4000 PSI maximum
- Dual sliding bearing
- Stainless steel inners
- 30 RPM maximum



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

## HPC In-line Swivels

- 7 GPM
- 300°F. maximum



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

## In-line Swivels

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



Part	Product
2030	1/4F x 1/4M
6244	3/8F x 3/8M



## In-line Swivels

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



Part	Product
1295	3/8F x 3/8M

## SUTTNER ST-301

Perfect for connecting to trigger guns & booms

- 12 GPM
- 300°F. maximum
- 5000 PSI maximum



Part	Product
6644	3/8F x 3/8M

## ST-340 Hi-flow

- 42 GPM
- 212°F. maximum
- 3200 PSI maximum
- Brass



Part	Product
6645	1/2F x 1/2M

## Brass BB Swivels

- 212°F. maximum
- 3500 PSI maximum



Part	Product
3489	1/4F x 1/4M
3491	3/8 F x 3/8M

## Ball Bearing Swivels

- 304 Stainless steel
- Swivels under pressure
- 180° F. maximum
- 3500 PSI maximum



Part	Product
3786	1/4F x 1/4M
3787	3/8 F x 3/8M
6779	1/2F x 1/2M
3797	3/8" repair kit
6780	1/2" repair kit



## Hi Speed Swivels

**Applications:** surface cleaners, parts cleaners, tire cleaners

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

## DYCI/DYDI Series

- Stainless steel
- Carbide seal
- Seal failure warning
- 2000 RPM maximum
- 250° maximum



Part	Mos	Product	PSI
6168	55.153	3/8F x 3/8M DYCI	5000
6022	55.163	3/8F x G3/8M DYCI	5000
6388	55.263	M22 XG3/8M DYDI	7000
5903	36.906	Seal kit	

- Stainless steel
- Carbide seal
- Maintenance free
- 2000 RPM maximum
- 4000 PSI maximum
- 250°F. maximum

## DYG Series w/bulkhead fitting



Part	Mos	Product
6879	57.051	1/4F x 1/4M
6880	57.153	3/8F x 3/8M
6924	59.163	3/8F x G3/8M
5903	36.906	Seal kit



## DYF Series w/flange

Part	Mos	Product
6922	58.153	3/8F x 3/8M
6923	58.163	3/8F x G3/8M
5903	36.906	Seal kit





## DYT Series w/flange

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



- Live swivel
- Completely stainless
- Carbide seal
- 2000 RPM maximum
- 5000 PSI maximum
- 250° F. maximum



Part	Mos	Product
6496	59.051	1/4F x 1/4M
6131	57.153	3/8F x 3/8M
6925	59.163	3/8F x G3/8M
5903	36.906	Seal kit

## FOSTER Quick Connects

MADE IN USA

### Brass Sockets



Part	Size
7101	1/4MPT
7099	1/4FPT
7105	3/8MPT
7103	3/8FPT
7109	1/2MPT
7107	1/2FPT



### Zinc Coated Steel Plugs

Part	Size
7089	1/4MPT
7087	1/4FPT
7093	3/8MPT
7091	3/8FPT
7097	1/2MPT
7095	1/2FPT



### Stainless Steel Sockets

Part	Size
7102	1/4MPT
7100	1/4FPT
7106	3/8MPT
7104	3/8FPT
7110	1/2MPT
7108	1/2FPT



### Stainless Steel Plugs

Part	Size
7090	1/4MPT
7088	1/4FPT
7094	3/8MPT
7092	3/8FPT
7098	1/2MPT
7096	1/2FPT



## HPC

## Quick Connects

### Brass Sockets



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



### Zinc Plated Steel Plugs



Part	Size
1993	1/4MPT
2192	1/4FPT
4780	3/8MPT
3878	3/8FPT



### Brass Plugs



Part	Size
3285	1/4MPT
3284	1/4FPT
3337	3/8MPT
3623	3/8FPT
1281	1/2MPT
1878	1/2FPT



### 304 Stainless Steel Sockets



Part	Size
4629	1/4MPT
2024	1/4FPT
2025	3/8MPT
4630	3/8FPT



### 304 Stainless Steel Plugs



Part	Size
1627	1/4MPT
4602	1/4FPT
4960	3/8MPT
4959	3/8FPT



## FOSTER Double Shut-off QC



Part	Size	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	



**WARNING:** These products can expose you to nickel, lead and Chromium which is known to the state of California to cause cancer and birth defects and other reproductive harm. For more information go to [www.P65warnings.ca.gov](http://www.P65warnings.ca.gov)

# QUICK CONNECTS

## Hanson/Eaton Quick Connects

### Brass Sockets



Part	Size
2321	1/8MPT
2320	1/8FPT
1200	1/4MPT
1211	1/4FPT
1198	3/8MPT
1199	3/8FPT
1485	1/2MPT
1486	1/2FPT
4408	3/4MPT
4407	3/4FPT

### Zinc Coated Steel Plugs



Part	Size
2319	1/8MPT
2318	1/8FPT
1195	1/4MPT
1194	1/4FPT
1193	3/8MPT
1192	3/8FPT
1488	1/2MPT
1487	1/2FPT
4410	3/4MPT
4409	3/4FPT

### 303 Stainless Steel Sockets



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

### 416 Stainless Steel Plugs



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

### O-ring Pick Tools



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



Part
3958

## Buna QC O-rings

•-35°F. to +250°F.



Part	Product
5732	1/8" each
1210	1/4" each
2785	1/4" 10 pack
2767	1/4" 25 pack
1191	3/8" each
2757	3/8" 10 pack
2756	3/8" 25 pack
3901	3/4" each

## Viton QC O-rings

•-31°F. to +400°F.

•Chemical resistant



Part	Product
6670	1/4" each
6600	1/4" 10 pack
6687	1/4" 25 pack
6710	3/8" each
6624	3/8" 10 pack
6711	3/8" 25 pack
2038	1/2" each
2228	1/2" 25 pack

## HPC 22mm couplers

•14mm yoke

•4000 PSI maximum



Part	Size
6312	22mm x 1/4M
6311	22mm x 1/4F
6310	22mm x 3/8 M
6309	22mm x 3/8F
5691	o-rings (each)
3661	O-rings (25 pak)

### 22mm plugs



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

### 22mm x NPT QC connectors



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

# SPRAY GUNS

## 22mm x 22mm connectors

Connect 2 hoses with 22mm fittings



Part	Size
6359	22mm x 22mm sock
6427	22mm x 22mm plug



## SUTTNER ST40 22mm couplers

- 5800 PSI maximum
- 300°F. maximum

Stainless steel 14mm yoke



Part	Size
6836	22mm x 1/4F
6837	22mm x 1/4M
6838	22mm x 3/8F
6839	22mm x 3/8M
5403	o-rings (each)



Brass & plated steel



Part	Size	Yoke
4404	22mm x 1/2F	14mm
4611	22mm x 1/2M	14mm
5343	22mm x 3/8F	15mm



## ST41 22mm Plugs

Stainless steel



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



Brass & plated steel

Part	Size
4640	22mm x 1/2F
4664	22mm x 1/2M
5184	22mm x 3/8F



## Blue Swivel 22mm

- 3600 PSI maximum
- 250°F. maximum
- Brass nickel plated body



Part	Product
2002	22mm x 1/4FPT
2004	22mm x 1/4MPT
2164	22mm x 3/8FPT
6911	22mm x 3/8MPT



## Blue Swivel 22mm Plug

Part	Product
2000	22mm x 1/4MPT



## Swivel 22mm coupler

- Live rotation
- Self lubricating
- Single bearing



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



## MTM 407 Spray Gun



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



Part	Size
6150	740 Gun

## HPC 740 Gun



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



Part	Size
6912	740 Gun

## SUTTNER ST-1100 Lightweight



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



Part	Size
4126	740 Gun

## ST-810 Front entry

- Front inlet design keeps dirty hose away from operator.
- Ideal for car wash, fleet wash.



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



Part	Size
1479	740 Gun

## MV925 Karcher Style



- 8 GPM
- 4500 PSI maximum
- 320°F. maximum
- 22mm In/Out



Part	Product
6109	MV925

## J.E. ADAMS 5030 Gun



- 10 GPM
- 4500 PSI maximum
- 300°F. maximum
- 3/8 FPT inlet
- 1/4 FPT outlet



Part	Product
1740	5030
1733	Kit



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# SPRAY GUNS

## **SUTTNER** ST-1500H Open Gun



Manual start machines. Flow through design requires pressure washers to be off after use.

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



Part	Product
1291	

## ST-1500 Top Seller



Streamline design to be “universally” comfortable, even for very small hands. Unitized valve for easy repair

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



Part	Product
1475	ST-1500
5106	Kit 5000

## ST-1500W Weep Gun



Weep allows water to continue to flow after trigger release.

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



Part	Product
2324	ST-1500W
2325	Kit

## ST-2000 Big Hand Gun



- Ideal for rental machines
- Easy access to replace cartridge

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



Part	Product
1477	ST-2000
5106	Kit 5000

## **GIANT** Spray Guns

Excellent choice for industrial usage!



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

Part	Product
1480	21250B SS out
2341	21290C Steel out
1632	Kit

## ST-2305 Easy pull



Suttner exclusive trigger reduces trigger opening force by up to 60% compared to all other rear entry spray guns

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



Part	Product
4654	ST-2305
4540	Kit

## **SUTTNER** ST-2605 Relax action



Relax action™ is designed for operators and applications with longer periods of cleaning.

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



Part	Product
4539	ST-2605
4540	Repair kit
6792	Ceramic kit

## ST-2305 Safety orange cover



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



Part	Size
6955	ST-2305
4540	Kit



## DG5010

Designed for minimum pressure drop, maximum flow. Large comfortable hand grip



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



Part	Product
6906	DG5010
6917	Kit



## YG5000/RL30

- Easy pull trigger
- Large grip accommodates gloves



- 12 GPM
- 5000 PSI maximum
- 320°F. maximum
- 3/8 FPT inlet
- 1/4 FPT outlet

Part	Size
4855	YG5000
6228	Kit



## YG4000/VEGA



- Easy pull trigger
- Ergonomically designed hand guard
- 12 GPM
- 5000 PSI maximum
- 320°F. maximum
- 3/8" FPT inlet
- 1/4" FPT outlet



Part	Size
3452	YG4000
3442	Kit



## Spray Gun w/Swivel

- Italian made SG class gun boast a best in class stainless steel swivel built in the inlet
- No need for additional fittings.

**NEW 2019**



- 12 GPM
- 4000 PSI maximum
- 320°F. maximum
- 3/8" FPT inlet
- 1/4" FPT outlet



Part	Size
4855	YG5000
6228	Repair kit

## KEW Style Gun



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



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



## YRL51 Gun



- 13GPM
- 4050 PSI maximum
- 320°F. maximum
- 3/8" FPT inlet
- 1/4" FPT outlet



Part
6267

## SUTTNER ST-601 Linear Gun

- Ideal for cleaning vertical or overhead surfaces
- Industry standard for telescopic wands.



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



Part	Size
2396	ST-601
1528	Kit



## YG4500S Straight Gun



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



Part	Size
6967	YG4500S
6968	Kit

## Hi flow Straight Gun

- Shockproof plastic housing
- Ergonomic design
- Minimizes fatigue for operator



- 32 GPM
- 4500 PSI maximum
- 320°F. maximum
- 1/2" FPT inlet/out



Part	Size
3120	YG4032S

## SUTTNER ST-2720 Stainless steel

Forged stainless steel housing, piston and seat. Special heat and chemical resistant seals

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



Part	Size
6937	ST-2720
5609	Kit St-2720

## ST-2700 Stainless Steel

- "Relax action" trigger comfort grip
- Unitized valve for easy repair



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



Part	Size
4730	ST2700
5609	Standard kit
6792	Ceramic kit

## SUTTNER ST-3600 Stainless Steel

- Forged stainless steel housing, piston, seat
- Special heat & chemical resistant seals



- 21 GPM
- 8700 PSI maximum
- 300°F. maximum
- 1/2" FPT inlet/outlet



## ST-3600 Lance

- Stainless steel construction
- Adjustable handle



Part	Size
6714	Gun
6732	39" lance



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# SPRAY GUNS

## ST-3300 Stainless Steel



- 27 GPM
- 2170 PSI maximum
- 300°F. maximum
- 1/2 FPT inlet/outlet



**Part**  
**6708**

## High Volume Low Pressure Washdown Gun



Wash down applications in food processing facilities, beverage and brewing plants, agriculture and dairy, fire suppression



- Adjustable spray pattern from 0° to 60°
- Built in swivel on **1635S**

- 16 GPM
- 350 PSI maximum
- 195°F. maximum
- 1/2" FPT inlet



Part	Size
<b>7051</b>	YG1635
<b>7052</b>	YG1635S

## SUTTNER ST-2620

- For high volume, low pressure machines
- Hold trigger open with one finger



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



Part	Size
<b>6936</b>	ST-2620



## YG1732/RL124

- Heavy duty, high flow gun
- Trigger operation minimizes fatigue



- 32 GPM
- 1740 PSI maximum
- 210°F. maximum
- 3/8" FPT inlet
- 1/4" FPT outlet



**Part**  
**3481**

## Chemical Resistant Guns

### SUTTNER ST-810 Pom



- Front entry
- 8 GPM
- 2000 PSI maximum
- 320°F. maximum
- 3/8" FPT inlet
- 1/4" FPT outlet



**Part**  
**6561**

## 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
- 5000 PSI maximum
- 300°F. maximum
- 3/8" FPT inlet
- 1/4" FPT outlet



Part	Size
<b>6916</b>	ST-2315
<b>6792</b>	Kit



## YG5000C

- Ceramic ball for use with chlorine and acid
- Forged brass body with stainless wet parts



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



Part	Size
<b>6418</b>	YG5000C
<b>6425</b>	Kit

## Hydro Excavating Compensating Gun



- Exclusively patented GP design
- Reverse inlet and outlet



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



Part	Size
<b>7043</b>	DG5010HE

## Hydro excavating lances



- 304 Stainless steel
- 1/2" MPT



Part	Product
<b>7044</b>	36" lance (680267)
<b>7045</b>	48" lance (680268)
<b>7046</b>	60" lance (680369)

## HX212 Hydro excavating nozzle

- Three 0° high impact nozzles
- Urethane coated for durability
- 1/2" FPT
- 30 GPM maximum
- 4000 PSI maximum



Part	Size
<b>7047</b>	5.0
<b>7048</b>	6.0
<b>7049</b>	7.0
<b>7050</b>	8.0





## Spring Loaded Trigger Lock

When the trigger is released, it is locked off until the lever is released.



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



Part	Size
7041	DGE5010SL

## Safety Gun Dual Lance

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



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

Part	Size
7040	2100457



## Jet spray gun

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



- Durable teflon seals
- All metal construction
- 2.5mm standard spray nozzle
- 800 PSI maximum
- Brass 1/2" FPT hose inlet



Part	Size
7028	SG-PC-025



## Steam Guns

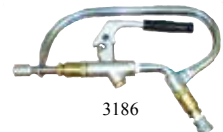
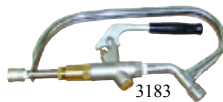
The proprietary stainless steel valve easily handles 450°F. super heated water temperatures blasting through at 12 GPM. Easy flow™ construction allows gun to operate at 1500 PSI.

Guns are lever operated with 1/2" FPT inlet, stainless steel valve.

Swivels operate under pressure. Gun 3183 has outlet swivel and #3186 has inlet and outlet swivel.

Barrel and grip is schedule 80 steel pipe. The cool grip front handle dissipates heat.

Self contained open gun with barrel and air cooled grip.



Part	Product
3183	Lever control gun swivel outlet
3186	Lever control swivel inlet/outlet
3185	Open single piece gun 36" long
3187	Barrel and Grip 36" long
4059	Swivel repair kit
4060	Valve repair kit



## Fan Steam Nozzles

Steam nozzles are vapor dispersion nozzles for use with steam cleaners, plant or piped steam



Part	Product
3054	Flat nozzle 1/4" FPT



## Round Steam Nozzles

The larger the nozzle number, the smaller the orifice



Part	Product
3054	Flat nozzle 1/4" FPT
3002	Round 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



## Plastic Low Pressure Gun

For chemical pre spray or for acid spray.



- 2 GPM
- 150 PSI maximum
- 100°F. maximum

Part	Product
4494	Spraying system 1/4" FPT
1633	Spraying system 3/8" hose barb inlet
2201	Cone jet angled assembly

## Polypropylene gun

### SUTTNER ST-510

Excellent for use in soft wash applications



- 18.5 GPM
- 365 PSI maximum
- 320°F. maximum
- 1/2" FPT inlet/outlet
- Stainless steel spring



Part
3826

## Poly Gun/Lance



- 18" pistol grip & lance
- Brass nozzle
- Locking handle
- #18 orifice

Part	Size
6786	SG-2218-18-R



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## Gun/lance Combos

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



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

Part	Size
6843	Gun w/24" lance
6273	gun w/36" lance
5889	Gun w/46" lance



## MV2009 w/extension

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



Part	Size
5527	3/8" FPT inlet
5539	22mm male inlet



## ST-1500 w/bendable Wand



- Ideal for car washes
- St-10 nozzle protector
- 2250 PSI maximum

Part	Size
6826	



## Hobby Hose, Gun, Lance Kits



- 1/4" x 22mm x 22mm hose
- 1 piece gun 22mm I/O w/12" ext.
- Additional 18" pipe extension

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



## RLW40 Dump Gun

Excellent for car washes. Water continues to run through the tube when gun trigger is released, preventing freeze up in cold weather. Eliminates system spikes.



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

Part	Size
1046	16" long
2375	40" long
2376	Repair kit



## HPC Lance Extender

Extend a lance to any length. This nickel plated lance collar has inset threads to make it less prone to break.



Part	Size
6362	

## Wand Saver



When connecting a lance to a gun extend the life of the lance with the HPC WAND SAVER. The female threads are inset to add strength to the lance when connected to the socket of the gun outlet.



Part	Size
6461	

## mecline Square molded grip



- 5000 PSI maximum
- 10.5 GPM
- 302°F maximum

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



## HPCcomponents Round molded grip



- 1/4 MPT pipe
- 5000 PSI maximum
- 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	46" stainless steel
6084	59" stainless steel
6085	79" stainless steel





**SUTTNER**  **Star shaped grip**

- Use with hot or cold water
- Linear aeration provides continuous airflow between hand and exclusive Suttner “star-shaped” grip
- 6000 PSI maximum
- 10.5 GPM
- 300°F maximum



Part	Size
5853	12” zinc plated
1713	24” zinc plated
1714	36” zinc plated
1716	47” zinc plated
1717	59” zinc plated
1718	79” zinc plated
6821	36” stainless steel
6822	47” stainless steel

**Vented grip lances**

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

- 6000 PSI maximum
- 300°F maximum



Part	Size
3570	24” zinc plated
2162	36” zinc plated
2163	47” zinc plated

**HPC** **Vented grip**

- 10.5 GPM
- 5000 PSI maximum
- 300°F maximum



Part	Size
6767	18” plated steel
6768	24” plated steel
6769	36” plated steel
6770	46” plated steel
6771	59” plated steel
6772	79” plated steel
6773	24” stainless steel
6774	36” stainless steel
6775	46” stainless steel
6776	59” stainless steel
6777	79” stainless steel

**Lance Side Handles**

- Slide over 1/4” non-insulated wand pipe
- Screw into a vented grip
- Use “c-clamp” style to tighten on pipe



Part	Size
1536	Slide over
4886	C-clamp

**Lance Grips**

Attach molded grip to non insulated pipes to make a molded or vented grip lances. Screws included.



Part	Size
2276	Molded grip 11.75” long
2167	Vented grip 15” long

**HPC** **Wand pipes**



- 1/4” MPT pipe
- 5000 PSI maximum
- 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	46” aluminum
6465	59” aluminum
6372	79” aluminum

**Dual lances**

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

**Steel Dual Lances**



- 10.5 GPM maximum
- 4100 PSI maximum
- 300°F maximum

Part	Size
6557	40” MTM steel dual lance
6558	MTM deluxified dual lance
4582	Valve repair kit



**Steel dual lance**



Provides a convenient method of operating a downstream chemical injection system by turning the insulated adjustable handle.

- 10.5 GPM maximum
- 3000 PSI maximum
- 284°F. maximum

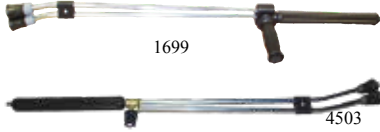
Part	Size
1696	36” dual lance
4193	36” deluxified
1697	72” dual lance
4393	72” deluxified
3112	O-ring & seat repair kit
4331	10007270 brass nipple
3117	10007366 shutter
5829	Rubber handle



**WARNING:** These products can expose you to lead, and chromium which is known to the state of California to cause cancer and birth defects and other reproductive harm. For more information go to [www.P65warnings.ca.gov](http://www.P65warnings.ca.gov)

## SUTTNER Steel dual lance

- 10.5 GPM maximum
- 300°F. maximum
- 1/4" MPT inlet
- 1/4" FPT outlet



Part	Size
1699	ST-54
4392	ST-54 deluxified
2326	ST-53
4503	ST-53 deluxified
3469	ST-54 repair kit
4243	ST-53 handle assem.
5892	ST-53 complete valve



### Stainless steel

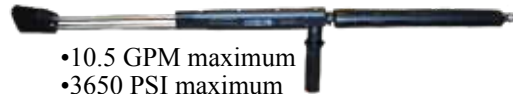


- 10.5 GPM maximum
- 300°F. maximum
- 1/4" MPT inlet, FPT out

Part	Size
3476	40" Stainless steel
4502	Deluxified stainless steel
4582	Valve repair kit



## mecline Stainless steel dual



- 10.5 GPM maximum
- 3650 PSI maximum
- 300°F. maximum
- Nozzle protectors

Part	Size
6846	40" AL345
6847	AL345 deluxified
4840	Valve & handle kit



### Dual lance w/trigger

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



Part	Size
3707	40" dual lance with trigger



## SUTTNER Push & pull lance

For hard to reach applications such as gutters, underneath fender walls, heavy equipment. Angles from 20° to 90°



- 3050 PSI max
- 300°F. max
- 1/4" FPT I/O

Part	Size
6823	ST-85 lance 34" long



## Telescopic poles



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

- 10.5 GPM maximum
- 4000 PSI maximum
- 195°F. maximum
- 1/4" high pressure hose



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

## Replacement parts

6344	Complete spray gun for 18'
6361	Complete spray gun for 24'
6345	2100001 spray gun repair kit
6348	1/4" hose assembly for 18'
6386	1/4" hose assembly for 24'
6349	32mm collet 1st section 18'
6351	Collett assembly 2nd section 18'
6385	Collett assembly 1st section 24'
6387	Collett assembly 2nd section 24'
6401	Collett assembly 3rd section 24'
6360	2100244 18' replacement pole
6420	2100245 24' replacement pole



## Telescopic Belt

Reduce the strain of holding a telescopic



Part	Size
4025	Belt and clamp

## HPC Bendable wands

Ideal for washing vehicle wheel areas in car wash

- 10.5 GPM maximum
- 2250 PSI maximum
- 195°F. maximum
- 1/4" FPT I/O



Part	Size
4411	18" black
6793	18" blue
3342	24" black

## SPRAY-FLEX

- Adjusts up to 90°
- 210°F. maximum
- 1/4" FPT inlet, MPT outlet



Part	Size
4598	3000 PSI
4599	5000 PSI



## Gutter cleaner



Quick connect to your lance to clean gutters or other hard to reach areas.



Part
6642



## HPC Revolver nozzle holder

NEW 2019

304 stainless steel "revolver" quick change nozzle holder is rated to 5000 PSI. Allows users to obtain a top dead center (TDC) alignment of the spray pattern. Includes 4 stainless steel QC plugs.

Nozzles sold separately. Order appropriate nozzles for GPM and PSI of the machine being ordered for.



Part  
7120



## JROD 4 nozzle holder

No more wet pockets or lost nozzles

This handy stainless steel tool will hold 4 1/4" MPT nozzles. Quick connect the JROD to your lance. Slide the holder to the nozzle you choose to use. Nozzles sold separately.



Part  
6540

## 4 QC nozzle holder

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



Part  
6501

## Dual roll over nozzle holders

### SUTTNER ST-56

No need to stop working to switch from one nozzle to another. Great for applying detergent then rinsing with high pressure. By rotating the lance the stainless steel ball shuts off the nozzle not in use.



Part	GPM	PSI	Temp
6038	8.0	3600	300°F



### YDBL14

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



Part	GPM	PSI	Temp
6845	10.5	2900	200°F

## Trombone Valve

Pull the knob on bottom of the valve to change from high to low pressure.

- 8 GPM maximum
- 4000 PSI maximum
- 1/4" FPT inlet
- Dual 1/4" FPT outlets



Part  
6073

## Adjustable nozzle holders

### SUTTNER ST-330

Perfect for cleaning hard to reach areas such as inside containers, gutters, etc. Pressure locks nozzle position in place.

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



Part	GPM	PSI	Temp
6790	10.0	5070	300°F

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



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

## Karcher style nozzle holder

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



Part  
6087

## Nozzle opener

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



Part  
6791

## Nozzle protectors

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



Part	Size
4559	1/4 FPT x 1/8 FPT w/bushing
1319	1/4 FPT x 1/4FPT Red w/bushing

### SUTTNER ST-10

Nozzle protection for 1/4" threaded nozzle. Ideal for protecting sensitive surfaces against damaging such as car washing.



Part  
6938

## Slip-on nozzle protector



Part  
1305



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# NOZZLE CHART

	PSI	PSI	PSI	PSI	PSI	PSI	PSI	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						
GPM	2.0	5.5	4.0	3.5	3.0	2.5	2.5	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	2.5	2.5	2.5	2.0	2.0	2.0	2.0	2.0	2.0						
	3.0	8.5	6.0	5.0	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	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	5.0	4.5	4.5	4.0	4.0	3.5	3.5	3.0	3.0	3.0	2.5						
	4.5	13.0	9.0	7.5	6.5	5.0	5.0	4.5	4.0	4.0	3.5	3.5	3.0	3.0	2.5						
GPM	5.0	15.0	10.0	8.0	7.0	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	4.5	4.0	4.0	3.5	3.0						
	6.0	20.0	12.0	10.0	8.5	7.5	7.0	6.5	6.0	5.5	5.0	4.5	4.0	4.0	3.5						
	6.5	20.0	13.0	11.0	9.0	8.0	7.5	7.0	6.5	6.0	5.5	5.0	4.5	4.0	3.5						
GPM	7.0	20.0	15.0	12.0	10.0	9.0	8.0	7.5	7.0	6.5	6.0	5.5	5.0	4.5	4.0						
	7.5	30.0	15.0	12.0	11.0	10.0	9.0	8.5	8.0	7.5	7.0	6.5	6.0	5.5	5.0						
	8.0	30.0	20.0	13.0	12.0	11.0	10.0	9.0	8.5	8.0	7.5	7.0	6.5	6.0	5.5						
	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						
GPM	9.0	30.0	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						
	10	30.0	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	15.0	13.0	12.0	11.0	10.0	9.0	8.0	7.5	7.0	6.5	6.0						
	12	40.0	30.0	20.0	15.0	13.0	12.0	11.0	10.0	9.0	8.0	7.5	7.0	6.5	6.0						
	14	40.0	30.0	30.0	20.0	15.0	13.0	12.0	11.0	10.0	9.0	8.0	7.5	7.0	6.5						
	15	42.5	30.0	30.0	20.0	15.0	13.0	12.0	11.0	10.0	9.0	8.0	7.5	7.0	6.5						
	16	45.5	40.0	30.0	20.0	15.0	13.0	12.0	11.0	10.0	9.0	8.0	7.5	7.0	6.5						
GPM	17	48.0	40.0	30.0	30.0	20.0	15.0	13.0	12.0	11.0	10.0	9.0	8.0	7.5	7.0						
	18	51.0	40.0	30.0	30.0	20.0	15.0	13.0	12.0	11.0	10.0	9.0	8.0	7.5	7.0						
	19	53.5	40.0	40.0	30.0	20.0	15.0	13.0	12.0	11.0	10.0	9.0	8.0	7.5	7.0						
GPM	20	56.5	40.0	40.0	30.0	20.0	15.0	13.0	12.0	11.0	10.0	9.0	8.0	7.5	7.0						

# NOZZLES

## 1/4" MPT Stainless Steel

HPCComponents



	0°	15°	25°	40°
2.0	3137	5652	5841	3286
2.5	3161	5811	5846	3321
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
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



## 1/4" MPT Stainless Steel



	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" MPT Stainless Steel



	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 MEG Stainless Steel

Spraying Systems Co.



	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	



Spraying Systems Co.

## 1/8 MEG Stainless Steel



	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		2059	2064	3243
9.0	3254	3255	3256	3257
10.0	3258	3259	3238	3239



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# NOZZLES

## HPC Components

## Quick Change



	0°	15°	25°	40°
2.0	4972	4973	4974	4975
2.5	4976	4977	4978	4979
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
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

## 5 pack QC Nozzles

Includes 0°, 15°, 25°, 40° and 65°



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



## Quick Change



	0°	15°	25°	40°
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



## 4 Pack QC Nozzles

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



Includes 0°, 15°, 25°, 40°



## 5 Pack QC Nozzles

Includes 0°, 15°, 25°, 40° and 65°



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



Spraying Systems Co.



	0°	15°	25°	40°
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	



## QC Black Soap Nozzles



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



## Brass Soap Nozzles

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



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

High pressure filters should be inserted into the inlet of rotating high pressure nozzles to help keep debris from entering the nozzle and damaging ceramic tips and rotor.



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



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



- 8 GPM
- 6000 PSI maximum
- 300°F. maximum



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



## Rotating Nozzles

Rotating nozzles have the impact of a zero degree nozzle with the pattern of a 25 degree nozzle.

### Rotomax nozzles

- 3500 PSI maximum
- 176°F. maximum



Part	Size
1413	#1 red 2.1-2.6 GPM
1414	#2 blue 2.6-4.2 GPM
1415	#3 black 4.5-5.5 GPM
1185	Repair kit



- 5000 PSI maximum
- 190°F. maximum



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



Rotating nozzles have the impact of a zero degree nozzle with the pattern of a 25 degree nozzle.



### ST357



- 3625 PSI maximum
- 190°F. maximum

#### NOZZLE

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



### ST456



- 5000 PSI maximum
- 212°F. maximum



#### NOZZLE

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



### ST457

- 6000 PSI maximum
- 212°F. maximum



#### NOZZLE

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	Orange
4656	9.0	Green
4645	10.0	Gray

#### 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



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# ROTATING NOZZLES

## COMET Roto-Jet rotating

### 3700 PSI



#### NOZZLE

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



#### NOZZLE

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 •212°F. maximum



#### NOZZLE

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

- Strong brass structure
- Shock resistant ceramic internal stabilization spring.
- Oversized bearings for long life
- Designed for higher pressures and more demanding applications
- Can be used in any position

### 3650 PSI

- 1150 PSI minimum pressure
- 212°F. maximum



Part	Size	Dot
6167	3.0	White
6724	3.5	Brown
6725	4.0	Yellow
6722	4.5	Blue
6709	5.0	Purple
6723	5.5	Red
6112	6.0	Green
6225	7.0	Orange
6230	8.0	Silver

### 5100 PSI

- 2600 PSI minimum pressure
- 212°F. maximum



Part	Size	Dot
5669	3.0	White
5670	3.5	Brown
5671	4.0	Yellow
5672	4.5	Blue
5673	5.0	Purple
5674	5.5	Red
5675	6.0	Green
5676	7.0	Orange
5677	8.0	Silver

## Repair kits

PA kits will fit both the 3650 and 5100 nozzles



Part	Size
6166	3.0
6726	3.5
6727	4.0
6728	4.5
6575	5.0
6729	5.5
6581	6.0
6720	7.0
6721	8.0



## Rotating nozzles

### mecline TPL nozzles

NEW 2019

- 4000 PSI maximum
- 194°F. maximum
- 1/4" FPT inlet



Part	Product	Nozzle	Orifice
4260	TPL027 Gray	2.7	1.0mm
4291	TPL033 Red	3.3	1.1mm
4340	TPL039 Yellow	3.9	1.2mm
4741	TPL046 Green	4.6	1.3mm
4767	TPL052 Lt. blue	5.2	1.4mm



### DK nozzles

- 3200 PSI maximum
- 180°F. maximum
- 1/4" FPT inlet



NOZZLE			KITS	
Part	Size	Seat	Part	Size
4711	3.0	White	4712	3.0
1030	3.5	Orange	1029	3.5
1034	4.5	Yellow	1033	4.5
1032	5.5	Black	1031	5.5
3005	7.0	Blue	3008	7.0



### IDK Nozzles

The Industrial Dirt Killer (IDK) spins slower than the Dirt Killer nozzle, thus creating a greater impact. Good for cleaning concrete, steel, barnacle removal, etc.



- 4700 PSI maximum
- 200°F. maximum

NOZZLES			KITS	
Part	Size	Seat	Part	Size
3968	3.5	Orange	3432	3.5
6697	4.0	Yellow	6698	4.0
1691	4.5	Green	1692	4.5
1039	5.5	Black	1038	5.5
3006	7.0	Blue	3009	7.0
1036	8.0	Red	1035	8.0
3007	10.0	Brown	3010	10.0



### Hi-lo/Variable Nozzles

#### kränzleusa

- 0° to 80° fan pattern
- 2900 PSI maximum
- 176°F. maximum
- 10.5 GPM



Part	Size
2282	4.5 nozzle
2283	5.5 nozzle



### mecline Hi-lo/Variable



- 0° to 80° fan pattern
- 3200 PSI maximum
- 300°F. maximum
- 8 GPM

Part	Size	Dot
1000	3.5	White
1001	4.0	Blue
1002	4.5	Orange
1003	5.0	Lt. Green
1004	5.5	Black
1005	6.0	Gray



- 0° to 80° fan pattern
- 3000 PSI maximum
- 300°F. maximum



Part	Size	Dot
6531	3.0	White
6532	3.5	Yellow
6533	4.0	Orange



- 0° to 80° fan pattern
- 4050 PSI maximum
- 195°F. maximum
- 10.5 GPM



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



### SUTTNER ST75 foam nozzles

In conjunction with ST60 or ST64 injector this airless nozzle will produce thick foam over a wide range quickly.

Connect to the outlet of lance



- Air intake 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 to 5 GPM
4141	4 to 5 GPM Food grade
2902	Stainless steel wool pad
5653	ST-60 downstream injector
4508	St 64 high pressure inj to 4 GPM
4569	ST64 high pressure inj over 4 GPM



**WARNING:** These products can expose you to lead which is known to the state of California to cause cancer and birth defects and other reproductive harm. For more information go to [www.P65warnings.ca.gov](http://www.P65warnings.ca.gov)

# FOAM NOZZLES

## HPC Components Foam nozzle



- Produce thick rich foam under high pressure.
- Adjustable air intake
- 5.3 GPM maximum
- 3200 PSI maximum
- 140°F. maximum
- 1/4" FPT inlet



Part	Product
6682	Nozzle w/ liter bottle
2014	Liter bottle
2046	Stainless steel filter

## SUTTNER ST73 foamer w/bottle



- Reduces chemical usage up 50%
- Adheres to surface longer
- Metering valve for 5 mix positions
- Stainless steel non-corrosive injector
- 3625 PSI maximum
- 5.2 GPM maximum
- 175°F. maximum



Part	Product
6981	32oz foamer

## ST72 foam lance



- Stainless steel with vented grip handle
- Air injector nozzle creates pressure
- 176°F. maximum
- 3625 PSI maximum

Part	Product	GPM
5405	24" green collar	1.0-2.9
5974	24" yellow collar	2.9-3.9
5975	25" blue collar	3.9-5.0

## Professional foam jet



- Spray high pressure foam to 33 feet.
- Adjustable air intake regulates chemical
- 5.6 GPM maximum
- 5000 PSI maximum
- 140°F. maximum



Part	Product
6671	Foam kit



## The Soap Shooter

Shoots soap up to 3 stories

- For use with lance or extension wand.
- Adjustable chemical feature
- 5000 PSI maximum
- Chemical does not go through pump
- Includes 30 foot hose, nozzle and filter



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



## Long range Injection



- Fixed long range & short range patterns
- Apply soap and rinse with same nozzle
- Projects chemicals up to 40 feet or more
- No chemicals run through pump, hose reels, gun, lance or quick connects
- Color coded proportioners to apply chemicals at different ratios



Part	Size	PSI	GPM
6718	#9 nozzle	2000-3000	3-3.5
6046	#13 nozzle	3000-4000	4-6
6719	#16 nozzle	3000-3500	6.5-8
7031	#20 nozzle	3000-3500	8+
1489	Proportioners	pack of 15	
5282	#7 orifice		
5342	#9 orifice		
3419	#13 orifice		
5348	#16 orifice		
2837	15' detergent	hose assembly	



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 of 40 feet at 0° with just a twist.

Part	Size	PSI	GPM
6765	#9 M5jet	2000-3000	3-3.5
6245	#13 M5jet	3000-4000	4-6
6766	#16 M5jet	3000-3500	6.5-8
7032	#20 M5jet	3000-3500	8+
1489	Proportioners	pack of 15	
2978	Variable	replacement	
2837	15' detergent	hose assembly	



Adjustable downstream soft wash nozzle



- Simply "TWIST" the nozzle for 0 to 60 degree spray patterns. No more switching tips
- Apply detergent and rinse up to 4 stories when used in conjunction with your soap injector.

Part	GPM	Range
7013	2-3	To 40 feet
7019	3-7	To 50 feet
7020	7-12	To 60 feet



## Sewer Nozzles



1 forward, 3 backward orifices

Part	Size	Inlet
6353	4.0	1/8"
6354	5.0	1/8"
5938	6.0	1/8"
6210	4.5	1/4"
6355	5.5	1/4"
6209	6.5	1/4"
6200	8.0	1/4"
5315	12.0	1/4"
6352	4.5	3/8"
5388	5.5	3/8"
6313	6.5	3/8"
5635	8.0	3/8"
5313	12.0	3/8"
5314	14.0	3/8"



3/8"

## SUTTNER Rotating Nozzles

Rotating style adds extra agitation to clear debris



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



## SUTTNER Foot Valves

Foot controlled valves allow both hands to be free to control the sewer hose.

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



#6040 uses a ST-2305 spray gun as valve control



Part	Product	GPM	PSI
3473	Foot valve (yellow)	8	3000
3474	Repair kit for 3473		
6040	Foot valve w/ST2305	12	5000
4540	Repair kit ST-2305		



## Foot Valve

- Offers hands free operation
- Sturdy heavy steel construction
- Protected pedal guards against accidental activation



Part	Product	GPM	PSI
6666	DFV5010	10	5000

## ST36 Sludge Pump

Empty rain water from construction sites, clean up chemical spills or remove slurry from a car wash bay.



Part	Product
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



## TYR Duct 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
- 2000 RPM maximum
- 250°F. maximum
- 3/8" FPT inlet
- 15° 1/8" spray nozzles
- Nozzles sold separately

## Adjustable Arm

Allows different spray angles  
Perfect for 360° cleaning.

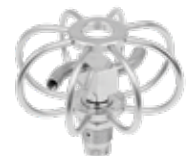
Part	Mos#	Size
6854	81.506	3"
6855	81.526	6"
6856	81.556	12"
6857	81.566	16"
6858	81.576	20"
6859	81.586	24"



## 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
- Compatible with all duct cleaners



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



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## TYR Hook



Pull the TYR through the duct from above

Part	Product
5273	Hook



## 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"



## High Draw Acid

- Up to 20% draw
- 4500 PSI maximum
- 190°F. maximum
- 3/8" FPT inlet/outlet
- 1/4" hose barb port
- Adjustable



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



## Adjustable High Draw Acid

- Up to 20% draw/mix ratio
- 3600 PSI maximum
- 300°F. maximum
- 3/8" FPT inlet/outlet



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



## Adjustable Acid

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



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



## SUTTNER 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 chemical port



ST-61 metering valve connects to the chemical inlet barb without special tools



Chemical flow can be metered and shut off remotely with the ST-66

Part	Product
1719	ST-62 injector
1956	St-61 meter valve
2381	ST-66 dual meter
3470	ST-62 repair kit



## Chemical Adjustable

- 3200 PSI maximum
- 195°F. maximum
- 3/8" MPT inlet/outlet
- 1/4" hose barb port



Part	Injector	GPM
3140	1.5mm	1-2
2209	1.8mm	2-3
2210	2.1mm	3-5
2211	2.3mm	5-8
2222	Repair	kit



## Chemical Adjustable

- 4500 PSI maximum
- 200°F. maximum
- 8 GPM maximum
- 1/4" hose barb port



### MVR400 3/8MPT inlet/outlet

Part	Injector	GPM
6151	1.8mm	2-3
6152	2.1mm	3-5
6153	2.3mm	5-8



### MVR410 3/8FPT in, 3/8MPT out

Part	Injector	GPM
6154	1.8mm	2-3
6155	2.1mm	3-5
6156	2.3mm	5-8



## Robokim Adjustable

- 3200 PSI maximum
- 210°F. maximum
- 3/8" MPT inlet/outlet
- 1/4" hose barb port



Part	Injector	GPM
2041	#0	2.1-2.9
2042	#1	2.9-4.0
2043	#2	4.0-5.6
2044	#3	5.6-10
1270	Chem	kit
3846	Acid	kit
3845	Ceramic	ball





## Fixed High Draw

- Up to 20%draw
- 3600 PSI maximum
- 300°F. maximum
- 3/8" MPT inlet/outlet



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

## mecline Fixed Chemical

MVR400 3/8MPT inlet/outlet



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



MVR410 3/8FPT in, 3/8MPT out



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



## Fixed High Draw

- Up to 20%draw
- 4500 PSI maximum
- 190°F. maximum
- 3/8" MPT inlet/outlet



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



## Fixed chemical



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



## Injector kits

- Adjustable injector
- Quick connect in & out
- 4 feet of polybraid hose
- Strainer w/check valve

## Chemical injectors



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



## Injector kits

### Acid injectors



Part	Injector	GPM
5398	1.8mm GP	2-3
2178	1.8mm Adams	2-3
5421	2.1mm GP	3-5
2179	2.1mm Adams	3-5
5478	2.3mm GP	5-8
2180	2.3mm Adams	5-8



### Robokim 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



### Quick Connect 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
- 3500 PSI maximum
- 190°F. maximum
- 1/4" hose barb



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

## SUTTNER Hi pressure injectors

### Upstream injection

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 application.



- Chemical hose and strainer
  - 160°F. maximum
  - 3/4" FGH inlet/3/4" MGH outlet
- Use of pressure reducing valve recommended*



Part	Injector
4508	ST64 1.5-4.0 GPM
4569	ST64 over 4.0 GPM
6887	Pressure reducing valve



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# SAND BLAST

## Commercial sand blast kits

For light to medium duty

- Specifications:**
- 8 GPM maximum
  - 3650 PSI maximum
  - 190°F. maximum
- Kit includes:**
- Carbide nozzle
  - 25' 1/2" polybraid hose
  - 18" wand pipe with qc plug
  - Sand probe



Part	Product
2340	3.5 kit
2642	4.5 kit
2643	5.5 kit
2644	6.0 kit
2645	Carbide tip
4902	3.5 orifice



## Industrial sand blast kits

Heavy duty industrial grade kit. Removes coatings from almost any surface. Use on metal, heavy graffiti accumulations, paint preparation



Operate at 4 GPM @ 3000 PSI  
to 8 GPM @ 5000 PSI

5 degree nozzles (not included)

Part	Product
4009	Sand blast kit
6503	Replacement nozzle
4112	1/4" 5 degree 4.0 nozzle
4290	1/4" 5 degree 5.0 nozzle
3755	1/4" 5 degree 5.5 nozzle



## Deluxified Industrial sand blast



**Kit includes:**

- 1 piece tungsten carbide nozzle
- 20' 3/4" Spiraflex aggie hose
- 18" wand pipe w/side handle
- Sand probe
- Cast aluminum mixing body
- 3 1/4" 5 degree spray nozzles

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 adapter
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" 5 degree 4.0 nozzle
4290	1/4" 5 degree 5.0 nozzle
3755	1/4" 5 degree 5.5 nozzle
6315	22mm plug x 1/4" MPT
6312	22mm coupler x 1/4" MPT
2123	3/4" hose x 3/4" MPT barb
4499	Hose clamp #8



## Poly 3 Way Ball Valves



Part	Product
2292	1/4" Barb



## Plastic Ball Valves



- NSF listed
- 125 PSI maximum
- Viton seals

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



## Low Pressure Valves



- Brass
- 600 PSI maximum
- Full port

Part	Product
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

- Forged brass



Part	Product
4524	1/4" FPT 400 PSI
4525	3/8" FPT 400 PSI
4192	1/2" FPT 400 PSI



- Chrome plated steel ball
- Zinc plated steel body
- 212°F. maximum

Part	Product
4731	3/8" FPT 7000 PSI
4721	1/2" FPT 7000 PSI



## Metering Valve

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



Part
1296



## Mini Metering Valve

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



Part
2464





## Mini Ball Valves

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



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

## Poly Chemical Resistant Valves

- Precision molded in glass reinforced polypropylene for strength and chemical resistance
- Teflon® seats for smooth operation and proper sealing
- EPDM o-rings to handle most fertilizers and chemicals
- 240 PSI maximum operating pressure

Part	Product
6075	3/8" FPT
6095	1/2" FPT
6126	3/4" FPT
6129	1" FPT
6134	1 1/4" FPT
6138	1 1/2" FPT



## Stainless Steel Ball Valves

- 1000 PSI maximum
- Teflon® seals and seat
- Full port
- 450°F. maximum



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

- 2000 PSI maximum
- 316 stainless steel
- Full port
- 90°F. maximum

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



- 6000 PSI maximum
- 304 stainless steel
- Teflon® seals
- 176°F. maximum

Part	Product
6366	1/4" FPT
6367	3/8" FPT
6368	1/2" FPT



## Heavy Duty Ball Valves

- Nickel plated brass
- 3050 PSI maximum
- 176°F. maximum
- Metal handle
- Teflon® seals



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



## High Pressure Ball Valves

- 7000 PSI maximum
- Zinc plated steel
- 176° maximum



Part	Product
2517	1/4" FPT
4997	3/8" FPT full port
4998	1/2" FPT full port
3836	Replacement handle

## Unloaders Made Ready (UMR)

Take the guess work out of replacing a worn unloader.



- Unloader
- Inlet filter
- QC discharge
- Thermal relief
- Push on hose barbs
- 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



## Unloader Blocks

Attach unloader to pressure washer frame to lessen vibration

Part	Product
6317	3/8" FPT brass
6318	1/2" FPT brass
6784	3/8" FPT steel
6785	1/2" FPT steel



## VR Pressure Actuated

- 8 GPM maximum
- 194°F. maximum
- 2900 PSI maximum
- 3/8" MPT inlet/outlet
- 3/8" FPT bypass
- 1/4" FPT gauge port

Part	Model	PSI
6961	VR54	2900
6706	VR56	3625



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# UNLOADERS



## VRT3 Pressure



- 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



2.1mm injector, EZ start, and thermal relief valve

Part	Model	Spring	PSI
5058	310EZ	Black	4500



## VRT3 w/Pressure Switch



Part	Model	Spring	PSI
5882	250	Blue	3650
6818	310	Black	4500
5859	Pressure switch		

## VRT3 Kits

Part	Product
5126	VRT3 160& 250
5137	VRT3-310



## VRT100 High Flow



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

### Single Bypass

Part	Model	Spring	PSI
6330	190	Yellow	2465
6331	330	Blue	4800

### Dual Bypass

Part	Model	Spring	PSI
6895	190D	Yellow	2465
6807	330D	Blue	4800

## VRS3-250 Pressure Actuated



- 8 GPM maximum
- 194°F. maximum
- 3630 PSI maximum
- 3/8" FPT inlet/outlet
- 3/8" FPT bypass

Part	Model	PSI
6983	VRS3-250	3600



## VHP39 Pressure Actuated



- 10.5 GPM maximum
- 190°F. maximum
- 5650 PSI maximum
- Dual 3/8" FPT inlet
- 3/8" FPT outlet
- Dual 3/8" FPT bypass

Part	Model	Spring
6378	VHP39	Black
6817	VHPEZ	Black



## AR2907 Zeromatic 83

### Multi gun operation



- 8 GPM maximum
- 190°F. maximum
- 3600 PSI maximum
- 1/2" FPT inlet
- 3/8" MPT outlet
- Dual 3/8" FPT bypass

Part	Model
6646	AR2907
6649	1830 kit



## ST261 Pressure

Can be panel mounted



- 8 GPM maximum
- 176°F. maximum
- 3625 PSI maximum
- 3/8" FPT inlet/outlet
- 1/4" FPT bypass

Part	Model
1396	ST-261
4655	Valve kit 200261526
5661	Kit "A" 200261528
3470	Kit "F" 200060720
5374	Panel mount nut



## ST261T Tamper Proof



Ideal for rental machines!  
Glue cover to permanently set pressure

Part
6824



## ST261 w/Injector

Built-in downstream injector



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





## ST261S w/Switch

Built in pressure switch with 125 VAC 5AMP 250VAC 3A micro switch

- 8 GPM maximum
- 176°F. maximum
- 3625 PSI maximum
- 3/8" FPT inlet/outlet
- 1/4" FPT bypass

Part	Injector
2379	ST261S
3847	Switch



## ST280 Multi Gun Operation

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

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



## ST291 Multi Gun Operation

- 8 GPM maximum
- 176°F. maximum
- 5070 PSI maximum
- 850 PSI minimum
- 3/8" FPT in/out
- 1/2" FPT bypass

Part	Model
6647	ST-291



## ST291S Multi Gun Operation

Built in pressure switch with 125 VAC 5AMP 250VAC 3A micro switch

- 8 GPM maximum
- 176°F. maximum
- 5070 PSI maximum
- 850 PSI minimum
- 3/8" FPT in/out
- 1/2" FPT bypass



Part	Model
6648	ST-291 w/switch

## **GIANT** 22760A Pressure

- 8 GPM maximum
- 160°F. maximum
- 3000 PSI maximum
- Dual 3/8" FPT inlet
- 3/8" FPT outlet
- Dual 1/4" FPT bypass

Part	Model
2168	22760A
3503	Kit



## Pulsar 4 Pressure



- Knob with blue spring
- 10.5 GPM maximum
- 195°F. maximum
- 4500 PSI maximum
- Dual 3/8" FPT inlet
- 3/8" FPT outlet
- Dual 3/8" FPT bypass

Part	Model
6437	Pulsar KHP
6438	Pulsar 4 EZ
6440	With switch
6439	Repair kit



## Pulsar 4 w/switch

- Facilitates water in discharge in pressure during start up
- Reduces energy required for start up
- Features a 16A, 250V microswitch
- Mechanical control of the switch for simple and reliable control

Part	Model
6440	With switch
6439	Repair kit



## YVB9KMS2 w/Switch

- Easy start-up due to low re-arm pressure (27% of operating pressure)
- Waterproof, 5 amp pressure switch, UL listed.

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

Part
5406



## VB3K

- 6.5 GPM maximum
- 195°F. maximum
- 3650 PSI maximum
- 3/8" FPT bypass

- GP TT series 51 & 60 pumps

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



## VB7K

- 8 GPM maximum
- 195°F. maximum
- 3650 PSI maximum
- 3/8" MPT inlet
- 3/8" FPT outlet/bypass

Part
3594



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## VB350S/YU5075KS

- Premium pressure compensated unloader for low spike pressures.
- Stainless steel internal components for maximum durability.



- 10 GPM maximum
- 195°F. maximum
- 5650 PSI maximum
- 3/8" BSP-M inlet
- 3/8" BSP-F outlet
- 1/2" BSP-F bypass

Part	Model
4906	



## ZKHM regulating

- Ideal for use in systems which incorporate a gasoline engine.
- Eliminates back pressure when pulling a manual start engine.
- Must be operated in upright position



- 10.8 GPM maximum
- 195°F. maximum
- 3000 PSI maximum
- 3/8"-19BSP-F inlet
- 1/4"-19 BSP-F outlet
- 3/8"-19 BSP-M outlet
- Dual 3/8"-19 BSP-F bypass

Part	Model
2169	ZKHM
4080	Kit 72 repair



## High Flow Pressure

- 21 GPM maximum
- 200°F. maximum
- Dual 1/2" FPT inlet
- 1/2" FPT out/bypass



Part	Model	PSI	Spring
6966	YUW21235	2200	White
6965	YUB21405	4050	Blue

## Dual bypass

- 21 GPM maximum
- 200°F. maximum
- Dual 1/2" FPT inlet
- 1/2" FPT outlet
- Dual 1/2" FPT bypass



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

## 303 Stainless steel

- Dual 1/2" FPT inlet
- 1/2" FPT outlet
- 1/2" FPT bypass



Part	Model	PSI	Spring
4457	YU2158	5800	Black



## YU5221



- 53 GPM maximum
- 200°F. maximum
- 2450 PSI maximum
- 1" FPT in/out/bypass

Part	Model
4458	YU5221
4456	Repair kit

## Multi-gun Pressure Actuated

- Suitable for use with multiple guns at same time.
- Dynamic seals made up of o-rings and teflon runner
- Optimized internal passages guarantee reduced pressure loss
- No risk of fittings being ejected in case of overpressure because o-rings are positioned upstream to the threads
- 1/4" fitting for pressure gauge



- 21 GPM maximum
- 200°F. maximum
- 1/2" FPT inlet, outlet, bypass

Part	Model	PSI
6579	YVB4021HT	4050
6571	YVB5121B	5100



## Multi-Gun High Flow

These unloaders are capable of handling one or more shut-off guns and should be run with no bypass if the full flow from the pump is going through the unloader.



- 160°F. maximum
- 1/2" FPT inlet, outlet, bypass
- #4464 3/4" FPT in/out/bypass

Part	Model	Spring	GPM	PSI
1786	2911A	Yellow	13	1400
1630	22912A	Red	13	2400
1631	22913A	Orange	13	3500
4464	22971C	Yellow	35.7	1740
3527	Kit			
3740	Kit B			



## 2SF Unloaders

- 6 GPM maximum
- 160°F. maximum
- 2000 PSI maximum
- 3/8" MPT in/out



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



## 4SF Unloader

- 6 GPM maximum
- 160°F. maximum
- 3000 PSI maximum
- 3/8" MPT in/out
- 3/8" FPT bypass



Part	Model
2800	7600S
4483	Kit





## 7535 Unloaders

- 21 GPM maximum
- 160°F. maximum
- 4000 PSI maximum
- 1/2" FPT in/out/bypass



Part	Model
2802	7542

## Pressure Regulator

Main function is to set and maintain constant system pressure while also acting as a primary pressure relief device. DOES NOT UNLOAD

- 7.8 GPM maximum
- 160°F. maximum
- 3575 PSI maximum
- 3/8" FPT in/out/bypass



Part	Model
2804	7082



## Reduced Pressure

- 8.0 GPM maximum
- 195°F. maximum
- 3650 PSI maximum
- 3/8" FPT inlet/outlet



Part	Model
4213	YU3678/VB10

## Bolt-on unloaders

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



## 66DX pump bolt-on

- 5 GPM maximum
- 160°F. maximum
- 4000 PSI maximum
- 1/2" FPT inlet
- 3/8" MPT outlet



Part	Model
1936	7860



## Minimatic 4/B

- RC, XT & XM pumps
- 160°F. maximum
- 2600 PSI maximum
- 1/2" FPT inlet
- 3/8" MPT outlet



Part	Model	GPM
6090	AR21039 w/injector	2-3
6091	AR21040 w/injector	3-4
6445	AR20821 no injector	3-5
6611	Kit for 7500 bolt/o-ring	
6061	Kit 2858	



## Gymatic 3/B

- RR, XM & RK pumps
- 3-5.5 GPM maximum
- 3650 PSI maximum
- 165°F. maximum
- 3/4" FGH inlet
- 3/8" MPT outlet



Part	Model
5547	AR20242G w/bolts
3430	2611 o-ring kit
6214	Kit 2119 bolt & washer



## Gymatic VR35/B

- RR, RK & XM pumps
- 5 GPM maximum
- 4000 PSI maximum
- 165°F. maximum
- 1/2" MPT inlet
- 3/8" MPT outlet



Part	Model
6092	AR21669 w/ bolts
6097	AR22206 w/fixed injector
5276	Kit 2121 bolt & washer



## Unitrol pressure control

### ZKW1

For GP pumps T9051, TT901, TT9061, TT9071, T9051, TS1021

- Built-in injector
- 3-4 GPM max
- 1600 PSI max
- 1/2-14 BSP-F inlet
- 3/8-19 BSP-M outlet
- 1/4" chemical barb



Part
3343



### ZKW1.1L

For GP pumps T711, T911, T991, T9951, T9961

- Built-in injector
- 3-4 GPM max
- 1600 PSI max
- 1/2-14 BSP-F inlet
- 3/8-19 BSP-M outlet
- 1/4" chemical barb



Part
3940

## Trapped Pressure Control

### ZKW2.1

For GP pumps TT9351, TT9441, TT9971, all EZ pumps



- 3-4.5 GPM
- 3000 PSI maximum
- 200°F. maximum
- 1/2-14 BSPP-F inlet
- 3/8-19 BSPP-M outlet
- 5/16 chemical barb



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



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# UNLOADERS



## Trapped Pressure Control

### ZKW2.1L

For GP pumps TS1011, TS1331, TS1551, TS1711, TS2011



- 3-4.5 GPM
- 3000 PSI maximum
- 200°F. maximum
- 1/2-14 BSPP-F inlet
- 3/8-19 BSPP-M outlet
- 5/16 chemical barb

Part	Model
3937	W2.1L w/ injector

## ZK Repair Kits

Part	Model
1743	Kit 93
3569	Kit 94



## YVB75 KDM

- Direct mount built in bypass
- Adjustable pressure
- GP EZ, Series 47, 60 and 63 series pumps



- 8.0 GPM
- 3650 PSI maximum
- 195°F. maximum
- 1/2" BSP-F inlet
- 3/8" BSP-M outlet

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



## YVB135KDM

- Direct mount built in bypass
- Adjustable pressure
- GP TT/TP & series 51 pumps



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

Part	Model
3340	YVB135KDM

## Balanced Relief Valves



- Secondary safety device
- Does not replace unloader
- 195°F. maximum



Part	Model	GPM	PSI	Inlet	Out
3331	YBRV624	6.3	2415	3/8BSP	3/8BSP
4416	YBRV5325	53.0	2900	3/4BSP	3/8BSP



## Flow Actuated unloaders



## Flow actuated

- 3/8" FPT inlet
- 3/8" MPT outlet
- 195°F. maximum



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



## ZK1 Flow Sensitive

- 10.8 GPM
- 3600 PSI maximum
- 165°F. maximum



- 3/8" BSP-F inlet
- 1/2" BSP-F outlet
- 1/2" BSP-M bypass

Part	Model
6703	ZK1



## K-series Flow actuated

- 3/8" BSP-F inlet
- 3/8" BSP-M outlet
- 3/4" BSP-M bypass
- 195°F. maximum

### K-3 series



Part	Model	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	4.5-5.5	1450
3146	Kit 59	repair	

### K-5 series



Part	Model	GPM	PSI
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	

### K-7 series

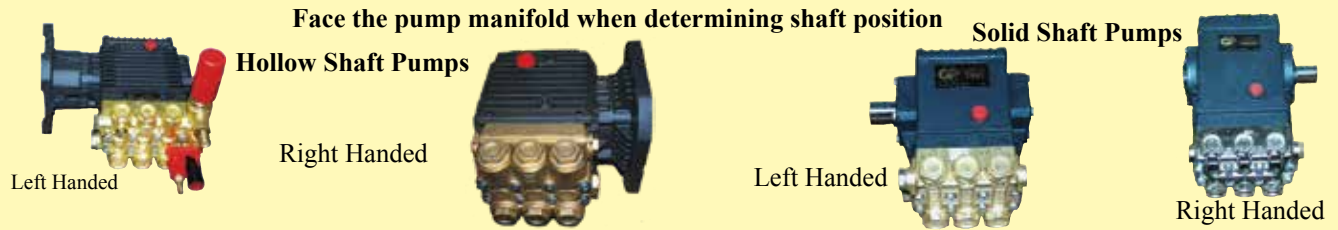


Part	Model	GPM	PSI
1220	K7.0	2.1-3.0	3500
1393	K7.1	3.0-4.2	3500
1394	K7.2	4.2-6.6	3500
2301	K7.2	4.2-6.6	3500
	w/ #1 orifice		
1395	K7.3	6.6-10	3500
1694	Kit 70	repair	



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## Determining Right or Left Hand Shafts



## Evolution Series Pumps

ISO 9001:2008 Certified



**ET SERIES** 1/2" BSP-F inlet, 3/8" BSP-F outlet

•Total start-stop feature allows flow to activate electric motor

- Triplex plunger pump
- Built 100% in Italy
- Oversized plunger guides
- Solid ceramic plungers
- Optimized inlet/outlet valves
- Dual lip oil seal

Part	Model	GPM	PSI	BHP	RPM	Shaft	Wt.
6035	ET1509E17UTS	2.1	2610		1750	5/8	



**EP SERIES** 1/2" BSP-F inlet, 3/8" BSP-F outlet

Part	Model	GPM	PSI	GHP	RPM	Shaft	Wt.
6003	EP1506G6	2.9	3045	8.0	3400	3/4"	16 lb.
6010	EP1508G8	3.4	3045	9.5	3400	1"	16 lb.
6052	EP1313G8	4.0	4000	16.0	3400	1"	16 lb.
6054	EP1313G8UIF	4.0	4000	16.0	3400	1"	16 lb.

**ES SERIES** 1/2" BSP-F inlet, 3/8" BSP-F outlet

Part	Model	GPM	PSI	GHP	RPM	Shaft	Wt.
6080	ES2012S	4.76	4000	17.5	1750	24mm	21 lb.

**ESN SERIES** 1/2" BSP-F inlet, 3/8" BSP-F outlet



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



## Triplex plunger pumps

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

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

1/2" BSP-F inlet, 3/8" BSP-F outlet



Part	Model	GPM	PSI	BHP	GHP	RPM	Shaft	Wt.
6877	HTX1810S	2.7/3.1	2000	3.5	5.0	1450/1750	24mm	18 lb.
6882	HTX1812S	3.2/3.8	2000	4.5	5.5	1450/1750	24mm	18 lb.
6883	HTX1813S	3.5	2500	6.0	8.0	1450	24mm	18 lb.

HTS 2215 same RPM as CAT310 and 5CP2120



Part	Model	GPM	PSI	BHP	GHP	RPM	Shaft	Wt.
6881	HTS2215S	4.0/5.0	2300	6.5	8.0	950/1200	24mm	32 lb.

- HTCK series includes all Emperor features
- Designed for rollover car washes
- Ideal in carpet cleaning and other industrial plant systems where HOT WATER is REQUIRED



Part	Model	GPM	PSI	BHP	GHP	RPM	Shaft	Wt.
6137	HTCK3623S	21/25	1500/1300	22	28	1150/1350	30mm	80 lb.



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## Triplex plunger pumps

Electric flange hollow shaft

3/8" BSP-F inlet, 1/4" BSP-F outlet



Part	Model	Flange	GPM	PSI	BHP	RPM	Shaft	Wt.
2918	T9051EBF	56C	2.1	1500	2.2	1750	5/8"	12 lb
3058	TT9061EBF	56C	2.1	1500	2.2	3400	5/8"	12 lb.
3805	TT9071EBF	56C	2.8	1500	2.9	3400	5/8"	12 lb.
5688	TT2028EBF	56C	2.8	2000	5.0	3400	5/8"	12 lb.
6113	TT2028EBF	56C	2.8	2000	5.0	3400	3/4"	12 lb.
5147	TT2035EBF	56C	3.5	2000	5.0	3400	3/4"	12 lb.

1/2" BSP-F inlet, 3/8" BSP-F outlet



Part	Model	Flange	GPM	PSI	BHP	RPM	Shaft	Wt.
5114	TC1802E175	56C	0.5	1500	0.5	1750	5/8"	12 lb
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	7.0	1750	1-1/8"	19 lb.
3196	EZ2545E	184TC	4.6	2500	8.0	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.

## Gas flange (SAE J609) hollow shaft

3/8" BSP-F inlet, 1/4" BSP-F outlet



Part	Model	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"	12 lb.

1/2" BSP-F inlet, 3/8" BSP-F outlet



Part	Model	GPM	PSI	GHP	RPM	Shaft	Wt.
6608	T2526J34UIL	2.6	2700	6.8	3400	3/4"	19 lb.
6528	TX1508G8	3.0	3000	8.5	3400	1"	18 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	T1510G8UIA	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.

## Solid shaft with pump rails

24mm shaft 1/2" BSP-F inlet, 3/8" BSP-F outlet



Part	Model	GPM	PSI	BHP	GHP	RPM	Wt.
1977	T991	4.0/3.5	1100/1500	3.0	4.0	1750	19 lb.
5353	T991L	4.0/3.5	1100/1500	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.
6390	TX1513S17	3.0	3000	6.0	8.5	1750	30 lb

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## Solid shaft with pump rails

24mm shaft 1/2" BSP-F inlet, 3/8" BSP-F outlet

Part	Model	GPM	PSI	BHP	GHP	RPM	Wt.
1994	TS1011	4.0/4.75	2000	5.4	7.0	1450/1750	30 lb.
1992	T1011	4.5/5.6	2000	6.0	8.0	1125/1450	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.
2009	T9211	4.0	2900	7.5	10.0	1750	33 lb.
6526	TX1512S17	2.6/2.1	3000	5.0	8.0	1750/1450	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.
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	5.6/4.5	3500	13.5	17.5	1450/1125	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	1750/1450	41 lb.

EZ PUMP



TX PUMP



TSF PUMP



TSP PUMP



TT PUMP



## Solid shaft NO pump rails

24mm shaft 3/8" BSP-F inlet, 1/4" BSP-F outlet

Part	Model	GPM	PSI	Shaft	BHP	GHP	RPM	Wt.
4420	TT931	2.9	1500	24mm	3.0	4.0	2800	11 lb.
4461	TT9111	3.0	1500	24mm	3.0	4.0	1750	11 lb.
1982	TT941	3.4	1500	24mm	3.5	4.5	2800	11 lb.



## Dual manifold high flow

32mm shaft 3/4" BSP-F inlet, 3/8" BSP-F outlet

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



## Vehicle cleaning pumps

24mm shaft 1/2" BSP-F inlet, 3/8" BSP-F outlet

Part	Model	GPM	PSI	BHP	GHP	RPM	Wt.
3107	CW2040	5.0	2500	8.50	11.0	1250	30 lb.

35mm shaft 3/4" BSP-F inlet, 3/8" BSP-F outlet

Part	Model	GPM	PSI	BHP	GHP	RPM	Wt.
4537	CW1012	12.0/9.0	1000	8.2	11.0	900/680	36 lb.



## Gear Reducers

24mm pump to 1" engines

Part	Model
5687	YGR1000 11-18HP
3867	ZGR1000 11-24HP
5684	YGR1000P 11-24HP



## Electric flange/couplers

Part	Model
3443	ZF 184 flange
3375	ZG184TC 24mm x 1-18
5482	ZG 202 coup 24mm x 1-38



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# GP Kit chart

Pump	Valves	Oil seal piston	Packing	Packing w/brass	Plungers	Valve caps	Piston bolts	Oil seal crankshaft
CW1012	Kit 62	Kit37	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	58040109	Kit 270	99169000	90168700
ES2012S	Kit 269	Kit 271	Kit 275	Kit 276	58040109	Kit 270	99169000	90168700
ESN1313G8	Kit 269	Kit 271	Kit 275	Kit 276	58040109	Kit 270	99169000	90168700
EZ2536	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
HTS2215	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	NA	90164100
HTX1812S	Kit 123	Kit 159	Kit 204	Kit 205	44040109	Kit 158	NA	90164100
HTX1813S	Kit 123	Kit 159	Kit 204	Kit 205	44040109	Kit 158	NA	90164100
T41	Kit 62	Kit 37	Kit 38	Kit 39	69040009	69218022	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
T1621	Kit 1	Kit 2	Kit 148	Kit 29	47040509	Kit 4	Kit 6	Kit 3
T2031	Kit 1	Kit 24	Kit 8 or 69	Kit 28	47040409	Kit 4	Kit 6	Kit 3
T4251	Kit 122	Kit 44	Kit 77	Kit 78	61040056	61218241	99446500	Kit 32
T5050	Kit 150	Kit 2	Kit 109	Kit 151	47040856	Kit 106	Kit 107	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	47040409	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
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 28	44040109	Kit 124	99317500	90169000
TS1321	Kit 1	Kit2	Kit 148	K 29	47040509	98231200	Kit 54	Kit 32
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
TS1621	Kit 1	Kit 2	Kit 148	Kit 29	47040509	Kit 5	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
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 44	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	90164400
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 83	Kit 97	Kit 96	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



# GP Repair Kits

Part	Kit	Description
1416	1	Check valves
1417	2	Oil seal piston guide
1601	3	Oil seal crankshaft
1614	4	Valve caps & o-rings
3728	4F	Valve caps (fine thread)
3147	5	Valve caps (nickel plated)
1610	6	Piston bolt assembly
4658	6A	Washers for kit 6
1288	7	Head rings
1418	8	20mm packing
3424	10	Packing retainer
1613	11	22mm head ring
1419	12	22mm packing
1421	19	20mm packing
1612	21	20mm head rings
1602	23	Oil seal piston rod
1604	27	20mm packing w/brass
1605	28	20mm packing w/brass
1606	29	22mm packing w/brass
1607	37	Oil seal piston rod
3040	43	Check valve
6449	44	Oil seal kit piston rod
5143	62	Check valve
3773	69	20mm packing w/restop ring
4045	71	Intermediate ring w/restop
3579	80	Packing assembly
1422	83	Oil seal piston rod
3531	84	Valve cap assembly
2226	86	Packing retainer
1608	87	15mm packing kit
1615	88	Packing w/restop rings
4075	92	15mm packing with brass
1611	96	15mm packing with brass
1609	97	15mm packing
3744	106	Valve caps
3745	107	Piston bolts
4043	108	16mm head ring
4212	109	16mm packing
3747	112	16mm packing with brass
6446	113	Packing assembly
1616	123	Valve kit EZ/TX pumps
3868	124	Valve caps EZ/TX pumps
3875	125	15mm packing retainer
1623	127	18mm packing (EZ)
3871	129	18mm head rings
3876	130	15mm packing with brass
3872	131	18mm packing with brass
6447	136	Oil seal piston rod
6448	137	EZUI manifold repair kit
3539	140	18mm packing retainer
3018	141	18mm packing
3039	148	Packing 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
5497	159	Oil seal piston rod TX
4852	160	15mm packing
4846	161	18mm packing kit
4984	166	15mm packing w/brass TX
5226	167	18mm packing w/brass TX



Part	Kit	Description
6246	169	Check valve TSF
6346	170	20mm packing TSF
6328	171	20mm packing w/brass TSF
6614	172	22mm packing TSF
6615	173	22mm packing w/brass TSF
1921	174	16mm packing
5395	176	18mm packing
6866	180	18mm packing
4312	181	LP & HP seals
4314	182	24mm packing
2434	196	15mm packing TC
2680	197	18mm packing TC
4714	201	Hot check valves only
4332	202	Seals LP & HP hot
3088	204	Packing HTX
3089	205	Packing w/brass HTX
6876	220	Hot packing & check valves
2438	226	15mm packing with brass
2718	227	18mm packing with brass
4612	269	Check valve EP, ES
4609	270	Valve cap EP, ES
4610	271	Oil seal piston rod EP, ES
4616	272	13mm packing EP, ES
4634	273	15mm packing EP, ES
4625	275	13mm packing w/brass EP
1709	309	Valve kit ET series
2490	311	Oil seal kit ET pumps
2996	312	Packing 15mm ET pumps
4919	313	Packing w/brass 15mm ET
3980	9101A	20mm packing
6059	967	Packing assembly (1 cylinder
5096	969	20mm packing
5394	15066	Check valve kit
4896	36601301	Auto stop assembly ET pumps



## GP ceramic plungers

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

## Jetter valves

Allows standard triplex pump to generate flow pulsations on demand in sewer cleaning applications

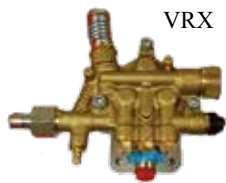
Part	Model
4565	100315 for TT & TC series
3885	100316 for EZ, TX63, EP, ES
4766	100317 47 series coarse thread
6545	100072 47 series fine thread



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## VRX consumer series pumps



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



## Axial commercial duty pumps

### AXD electric flange hollow shaft

Part	Model	GPM	PSI	BHP	RPM	Shaft	Inlet	Outlet	Wt.
5925	AXD2020E	2.0	2000	3.0	3400	5/8"	3/4FGH	3/8MPT	12 lb
5926	AXD2520E	2.5	2000	3.5	3400	5/8"	3/4FGH	3/8MPT	12 lb
5927	AXD3020E	3.0	2000	5.0	3400	5/8"	3/4FGH	3/8MPT	12 lb



### AXD gas flange hollow shaft

3/4" FGH inlet, 3/8" MPT outlet "T" denotes stainless steel pistons

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



### BXD gas flange hollow shaft

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

Part	Model	GPM	PSI	GHP	RPM	Shaft	Wt.
6707	BXD2527G	2.4	2700	6.5	3400	3/4"	12 lb



## Triplex plunger pumps

### Electric flange hollow shaft

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

Part	Model	GPM	PSI	Shaft	BHP	RPM	Piston	Wt.
2998	LWS2020E	2.2	2000	5/8"	3.0	1750	15mm	14 lb
2985	LWD2020E	2.1	2000	5/8"	3.0	3400	15mm	14 lb
2971	LWD3020E	3.4	2000	5/8"	4.0	3400	15mm	14 lb
4947	LWD3522E	3.5	2200	3/4"	5.5	3400	15mm	14 lb



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

Part	Model	GPM	PSI	Shaft	BHP	RPM	Piston	Wt.
2999	FWS2-4030E	3.9	3000	1-1/8"	8.6	1750	18mm	20 lb
4570	FWS2-3530E	3.6	3000	1-1/8"	7.5	1750	18mm	20 lb



### Gas flange hollow shaft

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

Part	Model	GPM	PSI	Shaft	GHP	RPM	Piston	Wt.
4320	LWD3025G	3.0	2500	3/4"	6.8	3400	15mm	14 lb



1/2" FPT inlet, 3/8" FPT outlet "K" denotes bolt-on unloader

Part	Model	GPM	PSI	Shaft	GHP	RPM	Piston	Wt.
4778	ZWD3030G	3.0	3000	3/4"	8.0	3400	15mm	17 lb
6820	ZWD3035G	3.0	3500	1"	9.5	3400	15mm	17 lb
6763	ZWD3035G-K	3.0	3500	1"	9.5	3400	15mm	17 lb
4782	ZWD3535G	3.5	3500	1"	9.5	3400	15mm	17 lb
4777	ZWD4035G	4.0	3500	1"	10.7	3400	15mm	17 lb
5064	ZWD3540G	3.5	4000	1"	12.5	3400	15mm	17 lb
5062	ZWD4040G	4.0	4000	1"	14.5	3400	15mm	17 lb
6621	ZWD4040G-K	4.0	4000	1"	14.5	3400	15mm	17 lb
6555	EWD-K4040G	4.0	4000	1"	14.5	3400	15mm	14 lb



## Solid shaft pumps

3/8" FPT inlet, 3/8" FPT outlet "No rails"



Part	Model	GPM	PSI	Shaft	BHP	GHP	RPM	Piston	Wt.
4316	LWS3020S	3.1	2000	24mm	4.0	5.0	1750	18mm	14 lb
2819	LW3525S	3.5	2500	24mm	6.0	8.0	1450	18mm	14 lb

1/2" FPT inlet, 3/8" FPT outlet "No rails"



Part	Model	GPM	PSI	Shaft	BHP	GHP	RPM	Piston	Wt.
4318	FWS2-3530S	3.5	3000	24mm	7.0	9.0	1750	18mm	20 lb
1674	FW2-4030S	4.0	3000	24mm	8.2	10.7	1450	18mm	20 lb
3170	FWS2-4030S	4.0	3000	24mm	8.6	11.0	1750	18mm	20 lb
2054	FWS2-4530S	4.5	3000	24mm	9.3	12.0	1750	18mm	20 lb
2954	TW8030S	8.7	3000	24mm	18.0	23.0	1450	22mm	45 lb
5127	RW5535S	5.5	3500	24mm	13.0	19.0	1450		
6623	FW2-3540S	3.4	4000	24mm	9.5	12.0	1450	18mm	20 lb
6622	FWS2-4040S	4.0	4000	24mm	11.0	14.5	1750	18mm	20 lb
5522	RW4040S	4.0	4000	24mm	11.0	14.5	1450	18mm	20 lb
3000	TW5050S	5.0	5000	24mm	19.0	25.0	1450	18mm	20 lb



### Pump rails



Part	Comet No.	Size
2342	5011.0184.00	LW series rails
2984	5011.0185.00	FW series rails
2982	5011.0214.00	TW/SW series rails
2929	5011.0216.00	FW & LW tall rails

### Check valve kits

Part	Comet No.	Size
1946	5025.0011.00	LW, FW, ZW HW
5112	5025.0030.00	AWD pumps
5731	5025.0014.00	AXD pumps
5113	5023.0027.00	BXD pumps
4186	5025.0020.00	TW 7036S, 8030S,
4189	5025.0021.00	TW 4550S, 5050S
3200	2409.0123.00	Valve kit
6566	5025.0025.00	FW2 & RW (5+ GPM)
5009	5025.0049.00	ZWD

### Ceramic plungers



Part	Comet No.	Size
1947	2409.0071.00	15mm ZW, LW
4156	202.0020.00	each 15mm ZW, LW
3578	2409.0072.00	18mm LWS
2942	2409.0073.00	18mm FW, HW
1867	202.0022.00	Each 18mm FW, HW
3174	2409.0074.00	20mm FW
5734	2409.0092.00	AXD kit up to 2900 PSI
2279	2409.0103.00	AXD KIT 3000PSI plus
5383	2409.0146.00	18mm RW series
6392	2409.0116.00	18mm TW series
3485	2409.0360.00	Piston kit

### Packing seal kits



Part	Comet No.	Size
3181	5019.0035.00	15mm LW, LWS, LTD
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 plus
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	18mm FW2
5105	5019.0226.00	Seal
6064	5019.0669.00	Hot seal kit FW/FW2
4166	5019.0672.00	RW
6559	5019.0673.00	18mm RW
6406	5019.0702.00	18mm FW2
6263	5019.0703.00	18mm FW/FW2

### Oil seal kits



Part	Comet No.	Size
4325	5019.0040.00	Solid shaft LTD, 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



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## Piston pumps solid shaft

Rails NOT included

Shaft protector NOT included

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



290

## Triplex plunger pumps

Electric flange hollow shaft

Part	Model	GPM	PSI	Shaft	BHP	RPM	Wt.
4528	2SF29ELS	2.85	1500	5/8"	3.5	1725	12 lb
3589	2SF30ES	2.85	1500	5/8"	3.5	3450	12 lb
3498	2SFX30ES3 HOT 190°F. seals	3.0	1500	5/8"	3.5	3450	13 lb
3495	2SFX30ESV3 HOT 190°F seals	3.0	1500	5/8"	3.5	3450	13 lb
3743	2SFX20ES	2.0	2000	5/8"	3.0	3450	11 lb
2795	2SF22ELS	2.2	2000	5/8"	3.0	1725	11 lb
2189	4SF40ELS	4.0	3500	1-1/8"	9.5	1725	25 lb



2SF

Gas flange hollow shaft

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



66DX

Solid shaft

Rails NOT included

Shaft protector NOT included

Part	Model	GPM	PSI	Shaft	BHP	GHP	RPM	Wt.
2612	270	3.5	1500	16.5mm	3.5	5.0	1437	15 lb
4049	350	5.0	1500	20mm	5.5	7.0	1720	20 lb
4032	340	5.0	1500	20mm	5.0	6.5	1720	20 lb
2798	310	4.0	2200	20mm	6.0	8.0	950	20 lb
4050	3CP1120	4.2	2200	16.5mm	6.5	8.5	1725	15 lb
2948	3CP1120.3 Hot 190°F.	4.2	2200	16.5mm	6.5	8.5	1725	15 lb
5715	1050	10.0	2200	30mm	15.0	20.0	958	44 lb
4339	5CP2120W	4.0	2500	20mm	7.0	9.0	950	20 lb
2616	530	5.0	2500	24mm	8.5	11.5	1100	26 lb
4053	5CP5120	5.0	3000	20mm	11.0	14.0	1415	20 lb
4728	550	5.0	3000	16mm	11.0	14.0	1415	26 lb
2901	650	7.0	3000	30mm	14.5	19.0	1000	44 lb
5836	660	10.0	3000	30mm	14.5	19.0	1429	44 lb
6005	5CP3120CSS Single shaft	4.5	3500	20mm	11.0	14.0	1645	20 lb
1935	56	5.5	3500	24mm	13.5	17.0	1210	26 lb
4861	57	4.5	4000	24mm	13.5	17.0	1285	26 lb



310



5CP



## CAT 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	Valves
230, 240, 270	43901 (each)	30914	30915
31, 310, 34, 340, 35, Stainless 311, 341, 351	43367 (each)	30623	30821 34387
45	45783 (each)	30629	30683
53, 530	43232 (each)	30488	30820
55, 550	43311	30610	30820
56, 57, 59, 60	43232 (each)	30799	33820
630, 660	43300 (each)	30798	30820
70	45890 (each)	33799	33822
1050	43552 (each)	30913	34920
1051 stainless		33916	34387
2510	48535 (each)	31280	31285
2530	45749	30952	33952
2531 stainless			
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 (each)	Seal kit	Valves	Inlet valve	Unloader
2SF	45847	34053	34052	34668	7500S
2SFX	45847	34053	34056	34668	7500XS
4SF	45848	34054	34055	34770	7600S
3SP	547091	31644	31647	NA	7700
2DX	542403	33053	33057	NA	Built-in
3DX	542403	30530	32057	NA	Built-in
4PPX	547091	76124	76134	NA	76179
66DX	48752	34262	34260	NA	7860

### Replacement parts

Part	CAT #	Description	Quantity
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



### Replacement parts

Part	CAT #	Description	Required
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	Valve kit	1
4127	76260	Valve kit	1
5607	76976	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
5606	76975	Seal kit	1
4132	76262	Seal kit	1
3364	30023	Piston cup kit	1
5605	30210	Piston cup kit	1
3969	30256	Piston cup kit	1
3365	30860	Piston cup kit	1
2729	43232	Plunger	3
2744	43367	Plunger	3
2783	45847	Plunger	3
2878	45848	Plunger	3
4650	46841	Plunger	3
4652	46884	Plunger	3
5109	46893	Plunger	3
4649	46976	Plunger	3
4488	48752	Plunger	3
3440	547091	Plunger	3



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**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 pressure relief valve may need adjusting before usage.**



### Axial Shafts Pumps

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

Part	Pump	Mfg.	GPM	PSI	RPM	Shaft	BHP	GHP	Unloader	Wt.
5130	AXD2020E	Comet	2.0	2000	3400	5/8" elect	3.0	NA	Built-in	14 lb.
6737	AXD2527G-T	Comet	2.5	2700	3400	3/4" gas	NA	6.5	Built-in	15 lb
6523	BXD2527G	Comet	2.4	2700	3400	3/4" gas	NA	6.5	Built-in	15 lb
5935	AXD2520E	Comet	2.5	2000	3400	5/8" elect	3.0	NA	Built-in	14 lb.
6043	AXD3020G	Comet	2.75	2000	3400	3/4" gas	NA	5.0	Built-in	14 lb.
6141	RMV2.5G30D	AR	2.5	2500	3400	3/4" gas	NA	5.5	Built-in	8 lb.
6663	SJV3G27D	AR	3.0	2500	3400	3/4" gas	NA	6.5	Built-in	11 lb.
6044	SJV25G27D	AR	2.5	2700	3400	3/4" gas	NA	6.0	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	Shaft	BHP	Wt.
2926	T9051EBF	GP	VRT3-160	2.11	1500	1750	5/8"	2.5	18 lb.
6041	T9051EBF	GP	VR54	2.11	1500	1750	5/8"	2.5	18 lb.
5703	TT9061EBF	GP	VRT3-160	2.11	1500	3400	5/8"	2.5	18 lb.
5699	TT9061EBF	GP	VR54	2.11	1500	3400	5/8"	2.5	18 lb.
4653	TT9071EBF	GP	VRT3-160	2.8	1500	3400	5/8"	3.0	18 lb.
4639	TT9071EBF	GP	VR-54	2.8	1500	3400	5/8"	3.0	18 lb.
3467	2SFX30ES3	CAT	7500XS	3.0	1500	3450	5/8"	3.0	14 lb.
3119	LWD2020E	Comet	VRT-160	2.1	2000	3400	5/8"	3.0	19 lb.
2996	LWD2020E	Comet	VR-54	2.1	2000	3400	5/8"	3.0	19 lb.
4769	LWS2020E	Comet	VRT3-160	2.1	2000	1750	5/8"	3.5	19 lb.
5278	TT2035EBF	GP	VRT3-160	3.5	2000	3400	3/4"	5.0	18 lb.
5930	TT2035EBF	GP	VR54	3.5	2000	3400	3/4"	5.0	18 lb.
4915	LWD3522E	Comet	VRT3-160	3.5	2000	3400	3/4"	5.0	13 lb.
6584	RCA2G22E	AR	VR54	2.0	2200	1750	5/8"	5.0	11 lb.
6460	RCA2G22E	AR	VRT3-160	2.0	2200	1750	5/8"	5.0	11 lb.
6609	RCV2G25E	AR	VRT3-160	2.0	2500	3400	5/8"	5.0	11 lb.
6184	RCV3.5G25E	AR	VRT3-160	3.5	2500	3400	3/4"	5.0	11 lb.
4962	LWS2020E	Comet	VR54	2.2	2500	1750	5/8"	3.5	15 lb.





## Triplex Plunger Pumps Made Ready

### Gas Flange

- Unloader
- Thermal relief valve

- GH inlet fitting

- Bypass Hose
- 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.
4588	LWD3025G	Comet	VRT3-250	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.
6801	RCV3G25D	AR	VRT3-250	3.0	2500	3400	6.5	3/4"	18 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.
6549	TS1510GUIA	GP	Built-in	3.0	3000	3400	8.0	1"	20 lb.
5321	XMV3G30D	AR	VRT3-250	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.
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.
6050	EP1313G8	GP	VRT-310EZ	4.0	4000	3400	14.5	1"	24 lb.
6069	EP1313G8UIF	GP	Built-in	4.0	4000	3400	14.5	1"	24 lb.
6594	EWD-K4040G	Comet	Built-in	4.0	4000	3400	14.5	1"	14 lb.



## Solid Shaft Triplex Pumps Made Ready

- Unloader
- Thermal relief valve
- Bypass hose

- GH inlet fitting
- Quick connect socket



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.
6667	RG2125HN	AR	VRT3-310EZ	5.5	3500	1450	13.5	17.5	24mm	28 lb.
6019	RG1528HN	AR	VRT3-310EZ	3.9	4000	1450	11.0	14.0	24mm	40 lb.
6110	ES2012S	GP	VRT3-310	4.7	4000	1450	13.0	17.0	24mm	41 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



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## 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.



### 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.



### Triplex Plunger Pumps

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

## Industrial Duty Pumps Triplex Plunger Pumps Electric Flange Hollow Shaft



RCV



Part	Pump	GPM	PSI	BHP	RPM	Shaft	Wt.
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
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
6182	RCV3.5G25D	3.5	2500	5.0	3400	3/4"	11 lb
6787	RCV3G27D	3.0	2700	5.0	3400	3/4"	11 lb
3339	RKA4G30E	4.0	3000	7.5	1750	1-1/8"	21 lb

### Gas Flange Hollow Shaft

Part	Pump	Flange	GPM	PSI	GHP	RPM	Shaft	Wt.
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

### 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







## Triplex Plunger Pumps

**Solid Shaft** Rails not included

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	RG1528HN	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
6227	42549	RR 18mm kit
6809	42556	RRV water seal kit



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# AR PUMPS



## 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 Oil Seal Kits

Part	AR No.	Kit
3403	1855	Oil seals
4074	1856	Oil seals
3386	1860	Oil seals
6342	2188	Oil seals
3608	2236	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 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
6340	42470	O-ring kit RC, RCV, RCA



## 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 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	





## 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	3.9 4.7	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	3.9 4.7	3000 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.

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

Part	Giant	Description
4485	9295	Plunger packing kit
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



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## High Pressure Plunger Pumps



### Electric Flange Hollow Shaft



Part	Pump	GPM	PSI	HP	RPM	Shaft	Seal	Valve
5490	PND3.0/20-Z	3.0	2000	4.0	1750	5/8"	UD-07	UD-01
5492	PNL3.0/20-Z	3.0	2000	4.0	3400	5/8"	UD-07	UD-01
5502	MD4.0/30-U	4.0	3000	8.0	1750	1-1/8"	UD-28	UD-02



### Gas Flange Hollow Shaft



Part	Pump	GPM	PSI	GHP	RPM	Shaft	Seal	Valve
5493	PNL3.0/20-T	3.0	2000	6.0	3400	3/4"	UD-07	UD-01
5494	PNL3.0/25-T	3.0	2500	7.0	3400	3/4"	UD-07	UD-01
5505	ML4.0/30-W	4.0	3000	11.0	3400	1"	UD-28	UD-02
5506	ML5.0/30-W	5.0	3000	13.5	3400	1"	UD-28	UD-02
6505	MKL4.0/40-W	4.0	4000	16.0	3400	1"	UD-7	UD-30



### Solid Shaft

Rails not included



Part	Pump	GPM	PSI	BHP	GHP	RPM	Shaft	Seal	Valve
5488	PND3.0/20-S	3.0	2200	4.5	6.0	1750	24mm	UD-08	UD-01
6512	CKC38/20-S	10.0	2500	17.0	22.0	1450	24mm	UD-12	UD-3
5495	MC13/20-S	3.5	3000	7.0	9.5	1450	24mm	UD-28	UD-02
5499	MC15/20-S	4.0	3000	8.0	11.0	1450	24mm	UD-28	UD-02
5500	BD4.0/30-S	4.0	3000	8.0	11.0	1750	24mm	UD-28	UD-02
5501	MKD5.0/35-S	5.0	3500	12.5	16.0	1750	24mm	UD-28	UD-30
6511	GKC26/24-S	7.0	3500	17.0	22.0	1450	24mm	UD-10	UD-31
5498	MKC15/28-S	4.0	4000	10.0	15.0	1450	24mm	UD-28	UD-30
6510	GKC21/28-S	5.5	4000	15.0	20.0	1450	24mm	UD-10	UD-31



### 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
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



## UDOR Replacement Parts

Part	Udor No.	Item
5512	UD-05	O-ring kit
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
5535	1205.35	15mm plunger (ea.)

Part	Udor No.	Item
5533	1205.30	18mm plunger (ea.)
5534	1205.31	20mm plunger (ea.)
5537	1205.33	25mm plunger (ea.)
5538	1205.34	28mm plunger (ea.)
5512	UD-05	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 (1-3/4")
6519	8702.25	G Series Tall rail (2-1/2")
6517	8702.07	G Series Standard rail (7/8")
5272	8702.10	P series standard rail (7/8")



## Hypro Powerline Plus Plunger Pumps

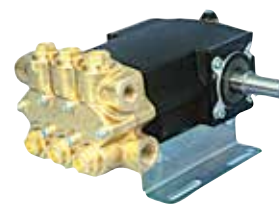
### ⚠ Duplex Pumps      Rails included

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
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
1223	5320C-HRX	2.0	500	1750	5/8" Hollow	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



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# DIAPHRAGM PUMPS



## Diaphragm

Features Duraphragm technology that extends the life of the diaphragms by shielding them from direct contact with the chemical inlet. This spreads inlet vacuum, often caused by a dirty suction filter or kinked hose, across the entire surface of the diaphragm instead of focusing it on the one small area where most failures occur.



### MC25 Pump



Low to medium pressure twin diaphragm pump with anodized aluminum body. Agricultural spraying as well as gardening, pest control, lawn care, mold removal.

17mm solid keyed shaft  
Includes pressure regulator with manual dump lever

- 5 GPM
- 350 PSI
- 1.5 HP
- 3/4" inlet
- 3/8" outlet
- 1/2" bypass

Part	Pump
3975	MC25 with mounting rails
7027	Diaphragm kit (2/pump)
3989	Repair kit (valves, diaphragms, o-rings)



### MP30 Pump



Medium pressure internal manifold pump with anodized aluminum heads for less leak points. Twin diaphragm with universal drive face  
For lawn care, pest control agriculture, insulation, and heavy duty industrial.

- 7.0 GPM
- 435 PSI
- 7/8" inlet
- 2.3 HP

Part	Pump
7025	MP30 with mounting rails
7027	Diaphragm kit (2 / pump)
7026	Repair kit (valves, diaphragms, o-rings)



### P36/10-GR Pump



Plastic head with plastic manifold for premium corrosion resistance. For mild acids and mold removal agents for soft wash, as well as agriculture, lawn care, and pest control

3 diaphragm pump with gear reduction for 3/4" shaft. Includes pressure regulator with manual dump lever.

- 9.6 GPM
- 150 PSI
- 0.9 HP
- 1" inlet
- 3/8" outlet
- 1/2" bypass

Part	Pump
7022	P36/10-GR with mounting rails
7024	Diaphragm Kit (3/pump)
7023	Repair kit (valves, diaphragm, o-rings)



## Diaphragm Pumps

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



### AR45 Polypropylene Pump

Liquid Fertilizer Pesticide (LFP)

Three semi-hydraulic diaphragm alternating volumetric pump.

For use in gardening or semi-professional agricultural sectors, trolley mounted in combination with PTOs, electric motors or internal combustion engines for gardening, and small sprayers for medium pressure pesticide treatments in gardens, greenhouses, orchards or vineyards.



Complete with gear box and pressure regulator  
3/4" keyed shaft

- 11.4 GPM
- 290 PSI
- 2.1 HP

- 35mm suction
- 550 RPM

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



### AR252 PUMP

Two semi-hydraulic diaphragms.

For use in gardening or semi-professional agricultural sectors, trolley mounted in combination with electric motors or internal combustion engines for gardening, and small sprayers for medium pressure pesticide treatments in gardens, greenhouses, orchards or vineyards.

Complete with gear box and pressure regulator  
3/4" keyed shaft



- 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



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## AR30 PUMP

Two semi-hydraulic diaphragms. For use in gardening or semi-professional agricultural sectors, trolley mounted in combination with electric motors or internal combustion engines for gardening, and small sprayers for medium pressure pesticide treatments in gardens, greenhouses, orchards or vineyards.

- 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



## 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	1.6	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



## Diaphragm Pumps



- 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



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

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		



## 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



## Packing Insertion Kit



Plastic insertion tools for reassembly of packings. Kit includes 20mm, 22mm & 24mm.

Part	Product
4341	Insertion kit



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## 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

The adjustable throttle control is designed to reduce gas engine speed when pump is in bypass and immediately return to full operating RPM when operation resumes. Simple to adjust, it save wear and on both the pump and gasoline engine during interruptions in the cleaning process.



- 3/8" inlet
- 42" cable
- 3000 PSI maximum
- Adjustable from 0-1.18"

Part	Product	PSI
4723	Z Speed Throttle	3000



- 3/8" MPT inlet
- 5800 PSI
- Adjustable stroke .28-.55"
- 40" cable
- 320°F. maximum

Part	Product
1660	Throttle Control

## 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



## 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



## Pump Oil



Specially formulated for use in all high pressure industrial piston pumps. Universal 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



## Pump Oil



SAE 20W 50

Part	Product
4724	32 oz bottle



## Pump/engine oil drain



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







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)**

- 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	Spec motor	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	Spec motor	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)**

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	Spec motor	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	Spec motor	ODP	3/4"	56C	5.0	3450	230	23	58



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## Generator



Water resistance--EG43 varnish is a water and oil proof insulating enamel providing moisture and chemical protection

Insulation protection--IP23 covers protect from spraying water and objects larger than 0.5".

- Watts 2400
- Amps 20
- 3600 RPM
- Shaft diameter: 7/8"
- Motor starting cap: 1hp
- Receptacles 120v
- Certification: UL1004 listed
- Weight: 33 lbs.

Part	Product
7134	TB2400 generator



### Parts for 2SFM2PC Generator

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



## 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

### 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



## Pulley Sheaves

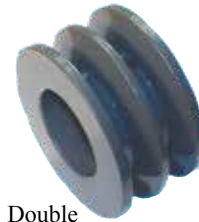
### Single Groove

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"

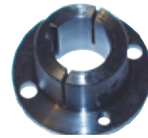


Double



## H-Bushings

Part	Size
3976	20mm
4105	22mm
3811	24mm
3815	25mm
3977	28mm
3978	30mm
3855	5/8"
3812	3/4"
3813	7/8"
3810	1"
3814	1-1/8"
3972	1-3/8"
4739	1-7/16"



## Pulley Chart

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

### 3400-3450RPM engines

RPM	3400	1750	1450
Pump	4.25	7.75	7.75 8.75
Engine	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





## Pressure Gauges

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



Part	PSI	Type
4168	300	Stainless steel
4169	1000	Stainless steel
2426	3000	Stainless steel
2427	5000	Stainless steel
2468	5000	Back mount
5449	Back	Mount bracket
6197	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.  
*Steel quick connect plug*

**Part**  
5744



## Pressure/Temp Test

Test pump pressure up to 3000 PSI, and water temperature to 176°F. 3/8"

**Part**  
3509



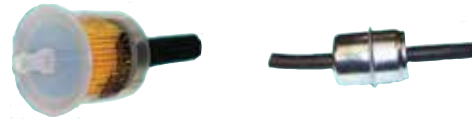
## Fuel Pressure Test

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" diameter x 3.75" high  
For 7 to 16 HP horizontal engine

Part	Briggs No.
1503	393957 air cleaner
1504	27794 pre cleaner



7.25" diameter 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



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



## Carburetor Components



Part	Product
5760	Carburetor GX160
3249	Carb repair GX160
5761	Carburetor GX200
3295	Carb repair GX200
5768	Carburetor GX240
3296	Carb repair GX240
5777	Carburetor GX270
3299	Carb repair GX270
5787	Carburetor GX340
3313	Carb repair GX340
5791	Carburetor GX390
3316	Carb repair GX390
5576	Throttle control GX160-200
5580	Throttle control GX 240-270
5582	Throttle control GX340-390
4177	Control springs & rod GX160-200
4178	Control springs & rod GX240-270
4179	Control springs & rod GX340-390
3960	Needle valve GX160-200
3967	Needle valve GX240-390
3423	Float chamber GX160-200
3429	Float chamber GX240-390

Part	Product
3435	Float set GX160-200
3466	Float set GX340-390
3468	Choke set GX160-200
3502	Choke set GX240-270
3514	Choke set GX340
3519	Choke set GX390
4775	Throttle set GX160-200
3849	Governor arm GX160-200
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
4515	Carburetor nozzle GX390
4172	Carburetor insulator GX160
4173	Carburetor insulator GX200
4174	Carb 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



## 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 handle GX160-390
3837	Recoil pulley GX160-200
3841	Recoil pulley GX240-270
3843	Recoil pulley GX340-390
4297	Recoil spring GX160-200
4309	Recoil spring GX240-390
3831	Start ratchet kit GX160-390
4764	Metal pawl GX160-200





## 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



## 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	Intake & exhaust valves GX160-200
3863	Intake & exhaust valves GX340-390
3156	Rocker arms GX160-200
3159	Rocker arms GX240-390
4061	Head cover GX160-200
4115	Head cover GX 340-390
4215	Set (2) valve springs GX240-390
4288	Push rod GX160-200
4295	Push rod GX340-390



## 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



## Muffler Accessories



Part	Product
5736	Muffler w/elbow GX160-200
5740	Muffler GX240-270
5741	Muffler GX340-390
5749	Exhaust pipe GX240-340-390
5896	Gasket set GX160, FX200
5807	Gasket set TX240, 270, 340, 390
5364	Exhaust deflector kit GX160, GX200
2527	Exhaust deflector kit GX240-GX390
2969	Muffler protector GX160, GX200
3013	Muffler protector GX340, GX390



## Camshaft/Crankshaft Parts



Part	Product
2456	Governor drive gear assy. GX340-390
4345	Connecting rod GX200
5756	Connecting rod GX340-390
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
4048	Balancer weight GX340-390



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# BURNER PARTS



## Fuel Tanks & Accessories



Tanks have cap, filter and joint

Part	Product
5589	Fuel tank GX160, GX200
4845	Black fuel tank GX160, GX200
5590	Fuel tank GX240-390
4856	Black fuel tank GX240-390
4371	Fuel hose GX160, GX200
5666	Fuel hose GX240-390
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 GX160-390
5592	GX fuel filter & holder



## 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
4761	On/off switch wire only GX340-390
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)



## Burner Motors

### 12v Motor



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

Part	Product
5173	52145U Beckett 12v ADC

### 12v Motor



- 12 VDC LOW AMP
- 3950 RPM
- Fan 2.44" w x 4.53" 5/16" bore
- Motor mounting plate 12VM

Part	Product
3065	101126-002



## Motors capacitor start



### PSC Motor



- Permanent split capacitor (PSC)
- Ball bearing system
- Manual reset thermal protector
- NEMA 48M mounting frame
- 115v/60 Hz input
- 1.7 FLA current draw
- 3450 RPM

Part	Product
2946	1/7 HP



- Capacitor start
- 1/4 HP
- 3450 RPM
- 115/230 Volts
- 4.6/2.3 amps
- Thermally protected
- Permanently lubricated bearings

Part	Product
4095	1/4HP



## Motors non capacitor



Part	Product
2947	1/7HP 220v 48M frame
1214	1/5 HP 115v 48N frame
1432	1/4 HP 220v 48N frame



## Wayne 12volt Burner Assembly

Designed for use with #1 and #2 fuel oil, allowing the burner to operate from a gasoline driven engine. The burner maintains low nozzle temperatures, positive flame retention and a controlled flame pattern for most precise applications.

Features:

- 12v solid state constant duty ignitor
- 12VDC, permanent magnet motor
- Controlled flame pattern



- Firing capacity: 0.50 to 2.75 GPH
- 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

Come standard with Flamelock®, assuring positive flame stability, resulting in a clean and uniform high temperature flame

- Lower emissions
- Quiet stops and starts
- UL listed

- Firing cap: 0.75 to 3.00 GPH
- Fuel pump: 3450 RPM
- Motor: 3450 rpm
- Ignition: 10,000v/23MA



Fuel nozzle & solenoid sold separately

Part	Product	Volts	Fan
3603	239-101 EHASR	115	6-1/4"
3604	239-105 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 7556A 12v System
6640	52082 Contractor Tool



## Burner Parts



Part	Product
2952	5780 Electrode assembly tubes under 9" AF/ADC/AFG/SF/SM
2453	5782 Electrode Assembly tube over 9" AF/AFG/SF/SM
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)



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## Electronic Igniters

### ⚠ PowerLight 12vdc Igniters

Beckett's new Powerlight igniters 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

### ⚠ 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



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 side
5111	51825U Wayne M w/base end

### ⚠ 240v Electronic Igniters



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

### ⚠ Allanson Environmental Electrics Omni Ignitor™

⚠ Have the proper ignitor in stock at all times!



The omni ignitor will replace most igniters on the market today. By using the Omni with it's 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"

### ⚠ Chek-Mate™

Reliable transformer testing!  
Lightweight, compact, instant results!

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





## 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.



Allanson transformers are designed and tested to burner manufacturers specifications and have a history of proven reliable performance.

### Product Features:

Designed with high temperature wire  
Runs cooler, quieter, and safer on all types of burners  
Meets American and European noise emission standards offering superior EMI and RFI protection.



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-6527 Clean Cut Fuel Pumps

### 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



## Fuel Pumps



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
2052	Shaft seal for 7116		
2152	Diaphragm for 7116		



## Waste Oil Heater Pump

Part	Model
6778	A2RA-7710



## A2VA-3006 w/Built-in Solenoid

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



## 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	Product
6582	21887U



## Suntec Solenoid Valves

Top quality field proven shut-off valves provide instantaneous fuel supply cut-off in fuel oil circuits

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



**WARNING:** These products can expose you to chromium, Di(2-ethylhexyl) which is known to the state of California to cause cancer and birth defects and other reproductive harm. For more information go to [www.P65warnings.ca.gov](http://www.P65warnings.ca.gov)



## 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:

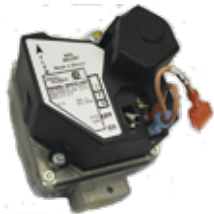
- Operating ambient temperature -40° to 175°F.
- Pressure rating (max.) 1/2 PSI (14.0" W.C.)
- Pilot Gas Connection 1/4" compression fitting
- Pressure Tap 1/8" NPT



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 is 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	28" 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





## Delavan Fuel Nozzles

Thread 9/16 x24

**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	90B 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



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## 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. 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 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 maximum
- 195°F. maximum
- 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 363 PSI
- 3650 PSI maximum
- 190°F. maximum
- 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
- 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 maximum
- 1.0 GPM minimum
- 176°F. maximum

New reed switch design

### Mount Vertically



Part	Product	PSI
1565	ST-5 3/8" FPT	4380

### Mount any direction



Part	Product	PSI
6530	ST-5V 3/8" FPT	5075
1249	ST-6 3/8" MPT	4380

### Reed Switch

Part	Product
6944	Reed switch (gray cover)
5573	New Reed switch (blue cover)





## Flow Switch



- 2 Wires
- 3/8" FPT I/O
- 4350 PSI maximum
- 8 GPM maximum
- 180°F maximum



Part	Product
6169	MV60 Vertical
6170	MV60 horizontal
6171	MV reed switch



## Sure Fire Flow Switch



- 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
- 5000 PSI maximum
- 175°F 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
- 4000 PSI maximum
- 190°F maximum
- 96" lead wire
- 1/4" pilot barb



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
- 5000 PSI maximum
- 180°F maximum
- 48" 18awg lead
- 3/8" FPT in/out

Part	Product
5393	100975 5amps, 250vac, 30ohms



## "TMT" Flow Switch

### With Pilot Feature

- Micro switch tech eliminates reed switch
- Activates with .5 GPM flow @ 50 PSI
- Mount in vertical position



- 12 GPM maximum
- 4000 PSI maximum
- 180°F maximum
- 48" 18awg lead wire
- 3/8" FPT in/out
- Pilot 1/4" hose barb

Part	GP
5193	100879 switch 5amps, 250vac
5257	103073 pilot valve



## 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

- 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

Part	Voltage	Face Plate
2258	120v/30a	1.89" 4 screw
2259	240v/30a	1.89" 4 screw



## Salzer Cam Switches

- 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
4353	220v/30a
3032	220v/40a



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## CSII Cam Switches



- 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



## Thermal Relief Valve

- Automatic reset

Part	Inlet	Temp
4963	3/8"mpt	140°F



## Thermal Relief Valve

Part	Inlet	Temp
6534	1/4"mpt	150°F
6535	3/8"mpt	150°F
6536	1/2"mpt	150°F



## Rupture Disk

Safety feature designed to relieve pressure in the coil during malfunctions causing a rapid heat expansion in the water.

225°F. maximum



Part	Description
6987	1/2mpt inlet x 3/8 mpt outlet



## 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.



- 10 GPM maximum
- 150° F. maximum
- Made in USA
- Adjustable

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



## Safety Relief Valves



- 1,000 to 6,000 PSI adjustable
- 195° F. max.
- 6 GPM maximum

- Highly accurate over full range of pressures
- Fits any brand pump
- Made in USA

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



## Fluid Control Pressure Valves



- 10 GPM maximum
- 150° F. maximum
- 1900-3500 PSI
- 3/8" MPT inlet

Part	Model
3130	RV-500
3486	RV-500 w/ barb



## 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



## Stainless Steel Check Valves



- 195° F. maximum
- 6500 PSI maximum

Part	Size	GPM
5593	1/4" fpt	6.5
1991	3/8" fpt	10.5



## 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
- 1/2" MPT inlet

Part	Temp	Probe
3915	176°F	Silver
3665	203°F	Blue
1440	230°F	Yellow
1441	320°F	Red



With 60" Wire Lead (2 wire)

Part	Temp	Probe
4216	230°F	Yellow
5806	320°F	Red



With 68" Wire Lead

- Mounts in any position
- 68" 18AWG cable
- 120 volt 5 amp
- 5000 PSI maximum
- Factory calibrated
- Made in USA
- 1/2" MPT inlet

Part	Temp
3915	176°F

## Easy Start Valves

Eases system start up. Especially useful with engine driven pressure washers



- 1/4" hose barb outlet
- 3/8" MPT inlet

Part	Mfg.	GPM	PSI
5621	MTM	7.0	4100
2394	PA	8.0	4500
5998	General	8.0	5000

## Accumulators

Accumulators are designed to extend the life of your pressure washer pump by reducing the pulsations that arise in the incoming water supply.

All accumulators are drop shipped from our vendors and ship via ground only

Hazardous shipping charge may apply

### GIANT Accumulator

- Precharged to 800 PSI
- 12 GPM maximum
- 2700 PSI maximum
- 1/2" MPT
- Rebuildable
- Stainless Steel casing

Part	Product
2407	Giant 22050A



## 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



## 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



## 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



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# FLOAT VALVES

## ⚠ Tank Screens



Part	Product
2990	¼" FPT 50 mesh
2496	3/8" FPT 50 mesh
2497	½" FPT 50 mesh
2498	¾" FPT 50 mesh

## ⚠ Brass "Y" Strainer



Part	Product
1286	½" brass SS screen
1287	¾" brass SS screen
5758	1" brass SS screen

## ⚠ Brass Float Valves



Part	Size
6994	1/2"mpt
6995	3/4"mpt



Part	Size	GPM
2344	3/8"mpt	7.0

## ⚠ ST-8 Float Valves



Part	Size
1712	1/2" fpt 5GPM
1721	1/2" mpt adapter

## ⚠ 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

## ⚠ 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 in x 1/2MPT out
2045	Blue replacement cap
3501	Screen, 60 mesh
1750	O-ring

## ⚠ ZMFIL 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

## SCALTROL®



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 with 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.....3/4"  
 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

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## 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 ¼", 1½"
4429	Clear bowl ½" & ¾"
4430	Clear bowl 1", 1 ¼", 1½"
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"



## Water Filters

- Clear bowl filters make it easy to see when cleaning is required
- 50 mesh stainless mesh screen
- Easy to disassemble and assemble for cleaning
- Made with durable long lasting materials EPDM o-ring, stainless steel screen, polycarbonate bowl, nylon body



Part	Size
7065	1/2" FPT I/O 50 mesh screen
7070	1/2" FPT I/O 80 mesh screen
7066	3/4" FPT I/O 50 mesh screen
7071	3/4" FPT I/O 80 mesh screen
7067	1" FPT I/O 50 mesh screen
7072	1" FPT I/O 80 mesh screen
7068	1-1/4" FPT I/O 50 mesh screen
7073	1-1/4" FPT I/O 80 mesh screen
7069	1-1/2" FPT I/O 50 mesh screen
7074	1-1/2" FPT I/O 80 mesh screen
7077	50 mesh screen for 1/2" & 3/4"
7081	80 mesh screen for 1/2" & 3/4"
7078	50 mesh screen for 1" filter
7082	80 mesh screen for 1" filter
7079	50 mesh screen for 1-1/4" filter
7083	80 mesh screen for 1-1/4" filter
7080	50 mesh screen for 1-1/2" filter
7084	80 mesh screen for 1-1/2" filter
7075	Clear bowl 1/2", 3/4" filter
7076	Clear bowl 1", 1-1/4" & 1-1/2"
7085	O-ring for 1/2" & 3/4" filters
7086	O-ring for 1", 1-1/4", & 1-1/2"

### Teflon Tape

1/2" x 520'

Part
1492



### Loxal Thread Locker

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



### Garden Hose Brass Connector

Part	Size
2467	MGH x FGH x MGH



### Back Flow Preventer

Part	Size
2511	3/4" FGH x 3/4" MGH



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## 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



## 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
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



## 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	



## 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" barb x 1/2MPT
5049	1-1/2" barb x 3/4 MPT



## 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



## Garden Hose 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



## Pressure Reducing Valve

Reduces inlet water pressure to 40 psi



Part	Size
6887	3/4 FGH x MGH



## Stainless Steel Pipe Fittings

•303 Stainless Steel  
•500 PSI maximum

### 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

### 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° Elbows



Part	Size
5205	1/4FPT
5206	3/8FPT
5207	1/2FPT
5765	3/4FPT
5766	1"FPT

### 90° Street Elbows



Part	Size
5208	1/4 MPT
5209	3/8 MPT
5210	1/2 MPT
5779	3/4 MPT
5780	1" MPT

### 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
5757	3/4" hose x 1/2 MPT
5767	3/4" hose x 3/4 MPT
4315	1" hose x 1" MPT

### 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"

### Hex Nipples

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

5000 PSI

### JIC Steel Elbow

- 90° Elbow
- Male JIC to MPT
- Tube 5/16"
- Pipe 3/8"



Part
4271

### 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"

### 45 Degree FPT

Part	Size
5031	1/4"
5030	3/8"
5037	1/2"

### 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
------	-------------------



### 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



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# PIPE FITTINGS

## Steel Pipe Fittings 5000 PSI

### JIC Steel Hex Nipples



Part	Size
4042	1/2-20 x 3/8 MPT

### 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 Tees Female Pipe Thread



Part	Size
3358	1/4"
2570	3/8"
2571	1/2"

### Steel Branch Tees FPT x FPT x MPT



Part	Size
3433	1/4"
2572	3/8"
2573	1/2"

### Steel Street Tees FPT x MPT x FPT



Part	Size
3434	1/4"
2568	3/8"
2569	1/2"

### 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 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
3703	1/4"
3362	3/8"
3363	1/2"
3821	3/4"

## 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 Plugs 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"

barstock





## Brass Tees

Female Pipe Thread

Part	Size
2072	1/4"
2073	3/8"
2074	1/2"
2075	3/4"



## Branch Tees

FPT x FPT x MPT

Part	Size
2268	3/8"
2269	1/2"



## Street Tees

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

MPT x FPT

Part	Size
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

Part	Size
2900	3/8 x 1/4



## 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"



## 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



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# PIPE FITTINGS



## 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"
4209	1-1/2"



### Poly Elbow Barbs

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 Barbs



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"
4546	1 1/2"	1 1/2"



### 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
4615	1 1/2" MPT x 1 1/2" MPT



## Hand Cleaners

### Force with Pumice

Great for service vehicles!

Industrial waterless hand cleaner with fine pumice to cut grease, without drying hands.



Part	Product
4943	2500ml bottle
4942	Case (4-2500ml)



Unique formulated blend of soy oil, and antimicrobial agent, PCMX. 100% biodegradable.

Part	Product
4946	2500ml
4945	Case (4)
3178	Blitz Pak

### Siphon Pump

- 7 GPM
- Fits 2" opening
- 15, 30 & 55 gal drums



Part	Product
4117	H.D. Gray tube

### Pail Popper



Part	Product
4833	5 gal popper

### Drum Wrench



Part	Product
4583	55 gal wrench

### Drum Faucet



Part	Product
4834	3/4 bung drum faucet



### Brush Handles

With acme threaded tips



Wood handle has plastic threads



Fiberglass handle has metal threads

Part	Product
2792	6-12' fiberglass
6458	59" fiberglass
1252	Wood 60"



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## 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" Multi-level



## Acid Wash Brushes

Acid resistant bristles formulated for the toughest jobs

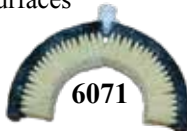
Part	Product
3305	10" Orange medium



## 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



## Grey Bristle 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	Product
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

- 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

## Hand held pump up sprayer

Lightweight and easy to use!

- Single conical spray tip
- Pressure relief valve
- Spot free gun with coiled hose
- Handle-action piston pump
- Large mouth for easy filling
- Ergonomic handle
- Shoulder strap
- 48" chemical resistant hose
- 18" spray wand
- 1.7 gallon (6.5 liter)



Part	Product
6637	Sprayer



## 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



5433



5434



5437



5443

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



**WARNING:** These products can expose you to lead, butadiene, nickel, and chromium which is known to the state of California to cause cancer and birth defects and other reproductive harm. For more information go to [www.P65warnings.ca.gov](http://www.P65warnings.ca.gov)

## 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

## HPC Surface Cleaner

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.

The triple bearing swivel is Swiss made for exceptional service and longevity.

- 21" stainless steel deck
- 6 GPM maximum
- 4000 PSI maximum
- 250° F. maximum
- 3/8" high pressure hose



4 spinner arms.



Heavy duty grip for safe operation



Some assembly required

**Nozzles sold separately. Order by GPM and PSI of machine being ordered for.**

Part	Product
6984	21" 4 Rotor Arms w/casters
1937	DGF swivel
1940	DGF swivel repair kit
1975	Quad rotary spray arm
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
4966	1502 I-meg nozzle
4967	15025 I-meg nozzle
4968	1503 I-meg nozzle
4969	2502 I-meg nozzle
4970	25025 I-meg nozzle
4971	2503 I-meg nozzle





# SURFACE CLEANERS



## Surface Spinners

Maximize your pressure washers effectiveness!



### 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

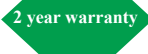
- Maximum Pressure: 4000 PSI
- Minimum Pressure: 1500 PSI
- Maximum Flow: 8 GPM
- Minimum Flow: 3 GPM
- Maximum Temp. 210°F.
- Maximum Speed: 2000 RPM
- Cleaning Path: 24"
- Approx. Ship Wt: 53 lbs.



Part	Product
3325	24" spinner
3326	30 Spinner



Model 105CW



### 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.



Collapsible handle for easy storage

### 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

Part	Product
5915	Model 105C floating
6701	Model 105C w/wheels
5916	Model 105F Floating
6702	Model 105F w/wheels
5917	Swivel Seal Kit

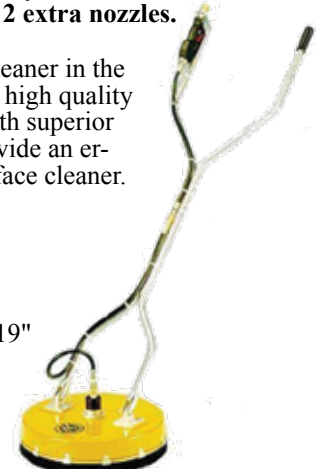


## Classic

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
5392	WW-3107-3-3 3/8" x 6' 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 maximum



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



**WARNING:** These products can expose you to nickel and lead, which is known to the state of California to cause cancer and birth defects and other reproductive harm. For more information go to [www.P65warnings.ca.gov](http://www.P65warnings.ca.gov)

# 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
1781	Gray Compensating Gun
2704	2702026 replacement hose 18'
3717	2103221 Swivel w/o zerk fitting
1908	2103220 Swivel with zerk fitting
1875	2100279 Major swiv kit w/ 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
1870	20" Rotary arm assembly
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



## 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



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## 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



## Water Brooms

High pressure water broom! Connect to pressure washer up to 3000 PSI

### Standard Unit Includes:

- Water broom with nozzles
- Side handle
- 59" wand pipe
- Twin caster wheels
- High pressure inlet filter

Deluxified units also include gun & QC plug



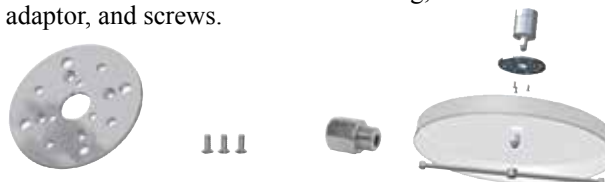
Part	Product
6062	12" Standard kit w/3 nozzles
6604	12" Deluxified kit w/3 nozzles
1545	12" water broom w/o nozzles
6587	16" Standard Kit w/ 4 nozzles
6605	16" Deluxe kit w/4 nozzles
6730	16" water broom w/o nozzles
2215	650135 1/4 meg nozzle



## 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
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"



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# UNDER CARRIAGE CLEANERS

## HURRICANE Flipper NEW 2019

### Undercarriage & surface cleaner

21" stainless steel 3-in-1 unit can be used as a undercarriage cleaner, surface cleaner with castors or a floating surface cleaner.

Clean undercarriage of automobiles, heavy equipment, utility vehicles or under decks or other tight clearance situations.

Simply flip the unit over to the floating surface cleaner position for cleaning driveways, garage floors, or sidewalks.



Castors can be reversed to take advantage of the wheeled surface cleaner for larger jobs such as parking lots.

The flipper features a 4 arm spray bar which allows it to be used with large and small pressure washers. Features a Mosmatic swivel, swivel shield and drain ports,

Part	Size
6958	21" Flipper
1937	Swivel
1940	Swivel kit
1975	Quad spray arm

## HURRICANE UCC NEW 2019

### Undercarriage cleaner

The easily portable unit can be used to clean under carriages of automobiles, heavy equipment or utility vehicles. Available in 2 models, standard and deluxe. Our deluxe model adds the components necessary to allow injection of chemicals and salt neutralizer. The triple nozzle rolling unit is designed to cover a continuous spray path for maximum efficiency.

Optional extensions available for cleaning vehicles up to 12" off the ground, as pictured below.



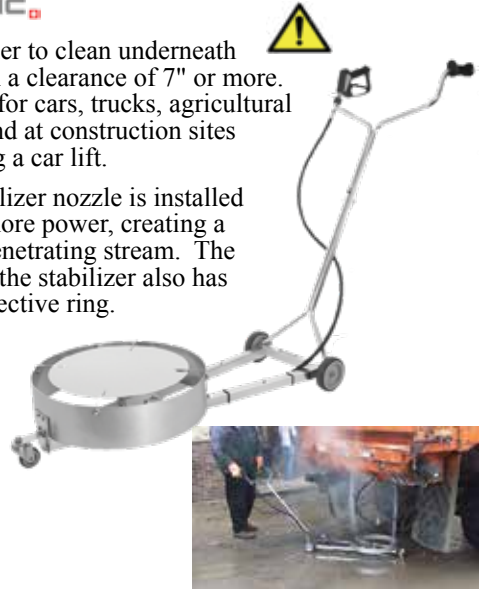
Part	Size
7121	UCC under carriage
7122	UCC deluxified under carriage
4501	Optional 3" QC extension
4511	Optional 5" QC extension
4576	Optional 12" QC extension

## mosmatic Undercarriage 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



Part	Mos #	Size
6436	80.611	21"
6556	80.613	21" w/stabilizer

### 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.



Part	Mos #	Size
6499	80.617	Adjustable

## 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



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## Waste Water Vac System



### FURY 2400 CVU

Compact vacuum systems capable of fluid recovery with one or two clean and capture tools up to 300 feet.



Remove waste water and debris to the fury 2400 CVU 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.

#### Package includes:

- 2400 CVU 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 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.

#### 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
- 200 feet of 2" vacuum hose



Part	Product
6943	2400 Vacuum System

### Fury Accessories

Part	Product
6031	16" Clean & Capture Tool
6039	24" Clean & Capture tool
6051	2" x 50' vac hose w/couplings
6070	2" x 100' hose w/couplings
6078	Vac hose Reel (up to 300')

### Sand Tube

Divert water around doorways or drainage systems. Fill with sand or stones.

Part	Product
6130	8' x 48"



## Soft Wash Pressure Washer

### HURRICANE Soft Wash

Gas driven low pressure skid mount unit for cleaning roofs, windows, siding and other areas that may be damaged with high pressure.



**Features a 6.5 HP Honda GX200 engine and diaphragm pump.**

Part	Product
7021	Softwash GX200-P36GR
7054	Softwash AR45GR
7022	P36/10GR Diaphragm Pump
3826	ST-510 Polypropylene gun
7029	HR-12 Hardcore Hose Reel
7030	HR-18 Hardcore Hose Reel
3667	1/2" x 300' Pliovic AG orange hose
2553	1/2" x 300' clear braided hose



### Accessory Kits



*Kits include: Hurricane stainless steel hose reel, hoses, spray gun, lance and 5 qc nozzles.*

Part	Product
7126	100' kit for 7021
7127	200' kit for 7021
7138	300' kit for 7021
7128	100' kit for 7054
7129	200' kit for 7054
7137	300' kit for 7054



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# PRESSURE WASHERS

## HURRICANE



### Industrial Direct Drive Cold Water Pressure Washers

Hurricane pressure washers are designed to perform! 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.



#### Standard Features:

- Honda engines with low oil protection
- Triplex plunger pump with unloader
- Ultra lightweight corrosion resistant frame
- Adjustable unloader
- Pneumatic tires
- Thermal relief protection
- Easy engine oil drain system
- 3/4" cold rolled steel axle
- Dual anti-vibration rubber isolators
- Nozzle holder

Part	GPM	PSI	Pump	Engine	Unloader	Tires
6356	3.0	2500	TP2530G	6.5 HP	VRT3-310EZ	10"
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"
6565	4.0	4000	EP1313GUIF	13 HP	Bolt on	10"

#### PW Options



Part	Product
3672	Electric start option 13 HP
5438	11" Flex tires option
6806	Hose reel mount (only)



#### PW Accessory Kits

Gun, hose, lance and injectors and hose reel mount kits are options with all Hurricane Cold Water pressure washers

#### Standard Accessory Kits



Part	Product
6550	50' hose, gun, 36" lance, 5 quick connect nozzles, chemical injector
6500	Same as above with no injector



#### Hose Reel Accessory Kits



Part	Product
5904	50' hose reel mount, hose reel, 50' hose, gun, 36" lance, 5 quick connect nozzles, chemical injector
5902	100' hose reel mount, hose reel, 100' hose, gun, 36" lance, 5 quick connect nozzles, chemical injector



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**HURRICANE**



**Cold Water Skid Mount**

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 hockey type rubber feet it can sit stationary on any flat surface.

Optional frame with handles is available to make transportation easier.

- Heavy duty aluminum frame
- Honda GX engines
- Triplex direct drive plunger pumps
- Adjustable pressure unloader



Side handles available as an option to make moving the Hurricane easier

Part	GPM	PSI	Pump	Engine	Unloader
6187	3.0	2500	LWD3025G	6.5 HP	VR-54
6107	3.0	2500	TP2530G	6.5 HP	VRT3-250
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

**PW Options**

Part	Product
3672	Electric start option 13 HP
6806	Hose reel mount (only)

Gun, hose, lance and injectors, and hose reel mount kits are options with all Hurricane Cold Water pressure washers.



**Standard Accessory Kits**



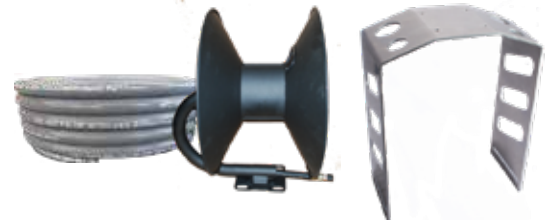
Part	Product
6550	50' hose, gun, 36" lance, 5 quick connect nozzles, chemical injector
6500	Same as above with no injector



Hose reel mount option and hose reel are available. Mount bolts directly to the side of the frame



**Hose Reel Accessory Kits**



Part	Product
5904	50' hose reel mount, hose reel, 50' hose, gun, 36" lance, 5 quick connect nozzles, chemical injector
5902	100' hose reel mount, hose reel, 100' hose, gun, 36" lance, 5 quick connect nozzles, chemical injector



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# PRESSURE WASHERS

## HURRICANE Cold Water Gas Belt Drive **NEW 2019**

Mad Max belt drive units are the newest addition to the Hurricane line of pressure washers. This monster will give you 4 GPM at 3500 PSI and is built on our "made in the USA" marine grade aluminum platform.

Our Honda belt drive engines are specifically tuned to operate in the maximum power range, allowing for reduced wear and smoother operation.

The new air circulating design will help reduce case temperature and extend belt life.

Mount for up to 100 hose reel is optional and should be ordered with machine.



- Triplex plunger oil bath pump
- 13 HP Honda GX390 engine
- Optional electric start
- Adjustable pressure unloader
- Low oil alert



- Aircraft grade aluminum frame
- 13" foam filled tires
- Dual handles for easy lifting for storage
- Ship common carrier only



### Portable 2 wheeled

Part	GPM	PSI	Pump	Unloader
<b>7111</b>	4.0	3500	GP TSS1511	VRT3-310EZ
<b>7135</b>	4.0	3500	GP ES2012S	VRT3-310EZ
<b>7113</b>	4.0	3500	GP TS2021	VRT3-310EZ
<b>7115</b>	4.0	3500	AR RG1528HN	VRT3-310EZ
<b>7116</b>	4.0	3500	AR RG2125HN	VRT3-310EZ
<b>6563</b>	4.0	3500	GP EP1313G	VRT3-310EZ

### Standard Accessory Kits



Part	Product
<b>6550</b>	50' hose, gun, 36" lance, 5 quick connect nozzles, chemical injector
<b>6500</b>	Same as above with no injector

### Hose Reel Accessory Kits

Part	Product
<b>5904</b>	50' hose reel mount, hose reel, 50' hose, gun, 36" lance, 5 quick connect nozzles, chemical injector
<b>5902</b>	100' hose reel mount, hose reel, 100' hose, gun, 36" lance, 5 quick connect nozzles, chemical injector

### Skid belt drive

Part	GPM	PSI	Pump	Unloader
<b>7139</b>	4.0	3500	GP TSS1511	VRT3-310EZ
<b>7136</b>	4.0	3500	GP ES2012S	VRT3-310EZ

### PW Options

Part	Product
<b>3672</b>	Electric start option
<b>6806</b>	Hose reel mount (only)



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**HURRICANE**  **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 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, CAT and Comet pumps.



- Baldor electric motors
- 10" Pneumatic tires
- Gun, lance, nozzle holder
- GFCI on 1.5 and 2 HP units

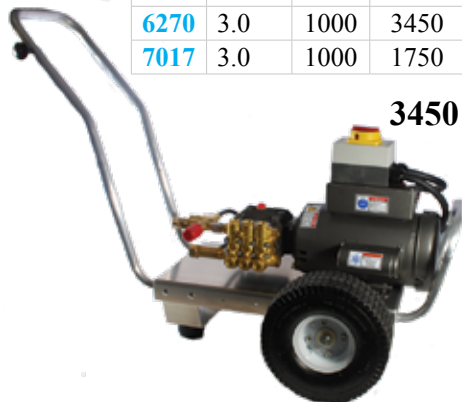


**1750 RPM 120V 5/8" Shaft**

Part	GPM	PSI	RPM	Volts	Amps	Pump	Unloader	Motor
7124	2.0	1000	1750	120	14	ET1509E Auto start-stop	Built-in	1.5 HP TEFC
7112	2.0	1200	1750	120	14.5	ET1509E Auto start-stop	Built-in	2.0 HP ODP
6560	2.0	1000	1750	120	14.5	RCA2G22E	VRT3-160	1.5 HP TEFC
6393	2.0	1500	1725	120	18.5	LWS2020E	VRT3-160	2.0 HP ODP
6885	2.0	800	1750	120	17	RCA2G22E	VRT3-160	2.0 HP ODP
6042	2.0	1500	1750	120	18	T9051EBF	VRT3-160	2.0 HP ODP

**3450 RPM 120V 5/8" Shaft**

Part	GPM	PSI	RPM	Volts	Amps	Pump	Unloader	Motor
6223	3.0	1000	3450	120	18	2SFX30ES3	Bolt-on	2.0 HP TEFC
6270	3.0	1000	3450	120	18	2SFX30ES	Bolt-on	2.0 HP TEFC
7017	3.0	1000	1750	120	18	TT9071EBF	VRT3-160	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	RPM	Volts	Amps	Pump	Unloader	Motor
6599	3.5	2000	3450	240	20	TT2035EBF	VRT3-160	5.0 HP
6407	3.5	2000	3450	240	21	LWD3522E	VRT3-160	5.0 HP
6402	3.5	2000	3450	240	21	RCV35G25D	VRT3-160	5.0 HP

**PW Options**

Part	Product
5438	11" Flex tires option
6806	Hose reel mount (only)



**Standard Accessory Kits**

Part	Product
6550	50' hose, gun, 36" lance, 5 quick connect nozzles, chemical injector
6500	Same as above with no injector



**Hose Reel Accessory Kits**

Part	Product
5904	50' hose reel mount, hose reel, 50' hose, gun, 36" lance, 5 quick connect nozzles, chemical injector
5902	100' hose reel mount, hose reel, 100' hose, gun, 36" lance, 5 quick connect nozzles, chemical injector



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**HURRICANE**



**Electric Skid Mount**



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 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



Shorts handles are available as an option for easy transport.



Optional hose reel and mount available on all Hurricane aluminum units.

**Skid mount**

Part	GPM	PSI	RPM	Volts	Amps	Pump	Unloader	Motor
6395	2.0	1200	1750	120	18.4	LWS2020E	VR54	2.0 HP ODP
7114	2.0	1200	1750	120	18.4	ET1509E Auto start-stop	Built-in	2.0 HP ODP
6788	3.0	2000	3450	240	20	TT2035EBF	VRT3-160	5.0 HP ODP
6408	3.5	2000	3450	240	20	LWD3522E	VRT3-160	5.0 HP ODP
6405	3.0	2000	3450	240	20	RCV35G25D	VRT3-160	5.0 HP ODP

**Skid mount with handles**

Part	GPM	PSI	RPM	Volts	Amps	Pump	Unloader	Motor
7117	2.0	1200	1750	120	18.4	ET1509E Auto start-stop	Built-in	2.0 HP ODP

**PW Options**

Part	Product
6806	Hose reel mount (only)



**Standard Accessory Kits**

Part	Product
6550	50' hose, gun, 36" lance, 5 quick connect nozzles, chemical injector
6500	Same as above with no injector



**Hose Reel Accessory Kits**

Part	Product
5904	50' hose reel mount, hose reel, 50' hose, gun, 36" lance, 5 quick connect nozzles, chemical injector
5902	100' hose reel mount, hose reel, 100' hose, gun, 36" lance, 5 quick connect nozzles, chemical injector



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# PRESSURE WASHERS



## 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
7123	2.0	1000	1750	120	14.5	GP ET1509E Auto start-stop	Built-in	1.5 HP TEFC
6562	2.0	1000	1750	120	14.5	AR RCA2G22E	VR54	1.5 HP TEFC
7118	2.0	1200	1750	120	18.4	GP ET1509E Auto start-stop	Built-in	2.0 HP ODP
6394	2.4	1250	1750	120	18.4	COMET LWS2020E	VR54	2.0 HP ODP
6231	3.0	1000	3450	120	18.0	CAT 2SFX30ESV3 190°	Bolt on	2.0 HP TEFC
6886	2.0	800	1750	120	16.8	AR RCA2G22E	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	18.5	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	18.5	General TT9071EBF	VR54	2.0 HP TEFC



## Pressure Washer Accessories



Part	Product
6122	3/8" x 50' hose, gun, lance, nozzle, injector kit
6058	3/8"x50 hose, gun, lance, nozzles



## 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



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# FRAMES



## Aluminum PW Frame

- Heavy duty aluminum
- 10" pneumatic tires
- Gun and lance hangar



**NEW 2019**

<b>Part</b>	Frame
<b>7056</b>	F6C Aluminum Base 11.25" x 22"



## 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



**NEW 2019**

<b>Part</b>	<b>Frame</b>
<b>6986</b>	Aluminum 11.25" x 22"



## 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



<b>Part</b>	
<b>6656</b>	



## Frame Accessories



Part	Product
<b>1964</b>	Anti-vibration rubber feet
<b>5028</b>	Vibration Dampener 5 & 6.5HP
<b>5029</b>	Vibration Dampener 9 & 13HP

## Frame Tires



Part	Product
<b>2638</b>	10" pneumatic tire 4.10x3.50-4 3/4" nylon bushing
<b>3320</b>	10" wheel & tire 4.10x3.50-4 5/8" hub
<b>5420</b>	Wheel & tire 13x5.00-6 3/4"x77mm hub
<b>5438</b>	11" flex wheel nylon 6 3/4" bushing
<b>5545</b>	350-4 10" inner tube only

## GPM Maximizer

Utilize two pressure washers at same time to increase GPM flow while maintaining pressure



<b>Part</b>	<b>Product</b>
<b>6324</b>	GPM maximizer

**NEW 2019**

## Safety Labels

Meet ANSI  
Z535.4 of 2002



<b>Part</b>	<b>Label Kit</b>
<b>6567</b>	Labels for pressure washers (6/kit)



## Symbols

12 volt Sprayer 80  
22mm couplers 10

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