



ENVIROSPEC 2009

Cleaning Products from the future
with today's environment in mind-

Serving the
INDUSTRIAL CLEANING INDUSTRY
Since 1972

1-800-346-4876

Revised 09.01.09

...sunrise on Jekyll Island, GA



WHITE HOT SUPER SKID

SYSTEM SPECIFICATIONS					
P/N	Engine	Specs	Burner	WHITE HOT	NET PRICE
18V-ADC-V-5535	18 HP VANGUARD 20 AMP RECHARGING	5.5 GPM @ 3500 PSI IRON HORSE RW21	Vertical Coil with ADC BECKETT	NO	\$4,495.00
18V-ADC-V-5635	18 HP VANGUARD 20 AMP RECHARGING	5.6 GPM @ 3500 PSI TS-2021	Horizontal Coil with ADC BECKETT	NO	\$4,495.00
18V-ADC-H-5535	18 HP VANGUARD 20 AMP RECHARGING	5.5 GPM @ 3500 PSI IRON HORSE RW21	Horizontal Coil with ADC BECKETT	NO	\$4,795.00
18V-ADC-H-5635	18 HP VANGUARD 20 AMP RECHARGING	5.6 GPM @ 3500 PSI TS-2021	Horizontal Coil with ADC BECKETT	NO	\$4,795.00
20H-ADC-H-5535	20 HP HONDA 20 AMP RECHARGING	5.5 GPM @ 3500 PSI IRON HORSE RW21	Horizontal Coil with ADC BECKETT	NO	\$5,295.00
20H-ADC-H-5635	20 HP HONDA 20 AMP RECHARGING	5.6 GPM @ 3500 PSI TS-2021	Horizontal Coil with ADC BECKETT	NO	\$5,295.00
24H-ADC-H-6336	24 HP HONDA 20 AMP RECHARGING	6.3 GPM @ 3600 PSI TSF-2019	Horizontal Coil with ADC BECKETT	NO	\$5,495.00
22K-SDC-H-6336	22 HP KOHLER 25 AMP RECHARGING	6.3 GPM @ 3600 PSI TSF-2019	Horizontal Coil with SDC BECKETT	YES	\$5,695.00
25K-SDC-H-7636	25 HP KOHLER 25 AMP RECHARGING	7.6 GPM @ 3600 PSI TSF-2019	Horizontal Coil with SDC BECKETT	YES	\$5,895.00
22K-SDC-H-7034	22 HP KOHLER 25 AMP RECHARGING	7.0 GPM @ 3400 PSI TSF-2021	Horizontal Coil with SDC BECKETT	YES	\$5,695.00
27K-SDC-H-8534	22 HP KOHLER 25 AMP RECHARGING	8.5 GPM @ 3400 PSI TSF-2021	Horizontal Coil with SDC BECKETT	YES	\$6,095.00
22K-SDC-H-7730	22 HP KOHLER 25 AMP RECHARGING	7.7 GPM @ 3000 PSI TSF-2219	Horizontal Coil with SDC BECKETT	YES	\$5,695.00
25K-SDC-H-9330	25 HP KOHLER 25 AMP RECHARGING	9.3 GPM @ 3000 PSI TSF-2219	Horizontal Coil with SDC BECKETT	YES	\$5,895.00
25K-SDC-H-8530	25 HP KOHLER 25 AMP RECHARGING	8.5 GPM @ 3000 PSI TSF-2221	Horizontal Coil with SDC BECKETT	YES	\$5,895.00
27K-SDC-H-1030	27 HP KOHLER 25 AMP RECHARGING	10 GPM @ 3000 PSI TSF-2221	Horizontal Coil with SDC BECKETT	YES	\$6,095.00
22K-SDC-H-1024	22 HP KOHLER 25 AMP RECHARGING	10 GPM @ 2400 PSI TSF-2421	Horizontal Coil with SDC BECKETT	YES	\$5,695.00
27K-SDC-H-1225	27 HP KOHLER 25 AMP RECHARGING	12 GPM @ 2500 PSI TSF-2421	Horizontal Coil with SDC BECKETT	YES	\$6,095.00

There is 'red hot' and then there is a 'hotter hot...'

WHITE HOT

UP TO 880,000 BTU OUTPUT

You can look all you want but there is none better than an Iron Horse and we have hundreds of professionals who beat on them everyday that can prove it!

System Features:

- Industrial Pumps with 5 year head warranty
- Kohler, Briggs & Honda Engines
- The largest recharging systems in the industry
- The industry's largest and most efficient heating system
- Our Special Spec SDC 12 Volt Burners
- Allison Relays for trouble free 12 Volt Burner life
- High Volume Fuel Tanks for long, uninterrupted runs.
- Hour Meter
- 5000 PSI Safety Burst Disc
- 6000 PSI On/Off Valves
- Hose, Gun, Lance & Nozzles included.

STAINLESS COIL COVER
ON HORIZONTAL
ADD \$150.00

For a 30 HP Kohler
over a 22 HP Add \$450.00
over a 25 HP Add \$350.00
over a 27 HP Add \$250.00



The most advanced coil design in the PRESSURE WASHER INDUSTRY

20" DUAL PASS COIL DESIGN
LARGE FRAME SDC BECKETT BURNER

Add \$700.00 for Generator



...FOR THE DISCERNING PROFESSIONAL WHO KNOWS, UNDERSTANDS & DEMANDS PERFORMANCE & QUALITY.



Shown with
2 each
880.000
BTU
HEATERS



It is a fact that approximately 85% of all Mobile Washers that go into business today will be out of business in less than 3 years. The majority will go out simply because they are not equipped to do the job. And when you don't 'look the part' you can't ask professional prices. This is why you see so many people washing houses for \$79.95, where a properly equipped contractor will get \$400.00 for the same job. Consumers know the value of equipment and they find it hard to justify higher prices when they can rent the same equipment that the contractor shows up with from the local rental store for \$29.95 per day.

Prospective clients know you are a serious and capable contractor when you show up with our equipment. More often than not the job is half sold simply because you look like a professional and you look like you have made the necessary investment in your company that will translate into being able to provide the services they need.



125 AMP RECHARGING
Enough to run both heaters
and plenty of outside DC lighting

Gas System Features:

- Two Allison Pumps with 5 year head warranty
- Std. 40 HP Kohler Engine with auto spark advance
- High Efficiency Donaldson Air Filter
- High volume Allison downstream Chemical Injection
- The largest recharging system in the industry with a 25 Amp back-up recharging system
- The industry's largest and most efficient heating system
- Our special spec SDC 12 Volt Burners will heat water hotter and more efficiently
- Allison Relays for trouble free 12 Volt Burner life
- Poly Chain 'never tighten' belts
- 24 Gal Gas Tank for long, uninterrupted run times.
- Quick Drain Oil System for Engine & Pumps
- Tachometer/Hour Meter
- No-mess Oil Filter change system
- 8000 PSI Safety Burst Disc
- 7500 PSI On/Off Valves
- Lifetime Frame Warranty
- Lifetime Belt Warranty

**NET
PRICING**

SYSTEM SPECIFICATIONS - OTHER CONFIGURATIONS AVAIL.				
Cold Water	Hot Water Vertical 18 HP/490,000 BTU 40 HP/880,000 BTU	Engine	Using One Gun you can run from...	Using Two Guns... Four Guns...
SPG5530C w/Generator \$3,995.00	SPG5530H w/Generator \$6,290.00	18 HP BRIGGS	5.6 GPM @ 3000 PSI	Single Gun System
SPG8022C w/Generator \$4,495.00	SPG8022H w/Generator \$6,790.00	18 HP BRIGGS	8.0 GPM @ 2200 PSI	Single Gun System
DP1138C \$6,995.00	DP1138H \$12,385.00	40 HP KOHLER	5.6 GPM @ 4500 PSI up to 11.2 GPM @ 3800 PSI	5.6 GPM @ 3800 PSI x 2
DP1626C \$6,995.00	DP1626H \$12,385.00	40 HP KOHLER	8.0 GPM @ 4000 PSI up to 16.0 GPM @ 2600 PSI	8 GPM @ 2600 PSI x 2 4 GPM @ 2600 PSI x 4
DP2020C \$6,995.00	DP2020H \$12,385.00	40 HP KOHLER	10.0 GPM @ 3500 PSI up to 20.0 GPM @ 2000 PSI	10 GPM @ 2000 PSI x 2 5 GPM @ 2000 PSI x 4
DP2517C \$6,995.00	DP2517H \$12,385.00	40 HP KOHLER	12.5 GPM @ 3000 PSI up to 25.0 GPM @ 1700 PSI	12 GPM @ 1700 PSI x 2 6 GPM @ 1700 PSI x 4

See Kubota Systems On Page 3 & 4

Sewer Jetting Valves Add \$400.00

SAVE 10% ON E-MAIL/FAX ORDERS UNLESS 'NET' PRICE APPEARS



DUAL PUMPER

'Power in the Hands of a Few'

There is **'RED HOT'** and then there is a **'hotter hot...'**

WHITE HOT



J. Allison
Signature
pressure washers



Up to 24 GPM - Up to 4,500 PSI

Master Card, VISA, AMEX, Discover ○ 1-800-346-4876 ○ Minimum Order \$50.00



DIESEL POWER

'Revolutionary', 'Dynamic', 'Raw Power', and 'Pure Performance'

Yes - those are just a few of the key words that we can conjure up in our attempt to describe the Allison Iron Horse pressure washers & sewer jetters

When you first see the Allison System your impression will be unmistakable. This is a genuine performance system designed to fulfill every expectation of the discerning professional who demands, understands and appreciates quality & performance.

The initial concept of the Allison Iron Horse did not come about by accident. In the mid-70's John Allison started a Mobile Wash/Sewer Jetting business. He quickly found that every machine he purchased had to be re-designed after he received it just to make it both practical and functional.

Yes, contractors require a much different design than what is coming off the assembly lines even today. Unless you have been out there trying to make a living using one, you can't know and understand their requirements says Allison.

Owning one of the Allison Iron Horse systems has always been uniquely satisfying. Thanks to our broad & varied lineup of exciting and innovative system specifications, it has never been more so than now.



Allison Iron Horse systems are technological marvels, integrating a myriad of high-performance technologies to serve one master, the professional contractor.

The acclaimed Allison built systems coordinates the best engines and pumps, the best drive systems, the best unloading devices, guns, coils & burners; all of which are housed within the confines of the industries most rugged frames. This unique combination of features makes for a fully

integrated system that redefines the notion of cleaning and jetting dynamics.

CERTIFIED HAND CRAFTED



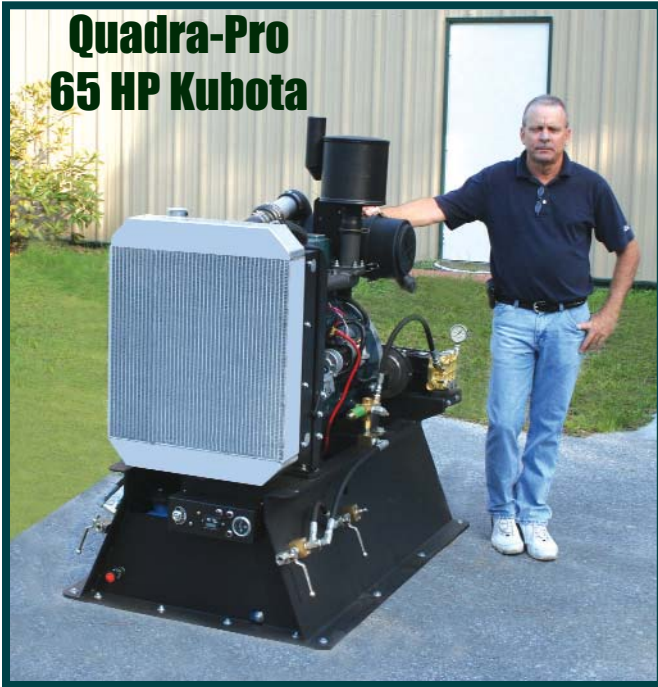
From the turning of the first bolt to running the last test - only one person touches your machine. And you can rest assured that each machine is built and tested using the toughest and most rigorous standards in the industry.

Yes...

anyone can build a pressure washer/ sewer jetter, *but only we can build an Iron Horse.*

SAVE 10% ON E-MAIL/FAX ORDERS UNLESS 'NET' PRICE APPEARS

UP TO 4 GUN SYSTEM



System Features:

- Two Allison Iron Horse Pumps with 5 year head warranty
- Kubota Industrial Power Plants
- High Capacity Recharge System
- High volume Allison downstream Chemical Injection
- Allison Downstream Chemical Induction System
- Poly Chain 'never tighten' belts - Lifetime Warranty
- 24 Gal Fuel Tank for long, uninterrupted run times.
- Quick Drain Oil System for Engine & Pumps
- Tachometer/Hour Meter
- 8000 PSI Safety Burst Disc
- 7500 PSI On/Off Valves
- High Capacity Water Filtration System
- Glycerin Filled Pressure Gauges
- YU2140 Unloaders
- Unloader Mounting Blocks
- Lifetime Frame Warranty
- Lifetime Belt Warranty

**NET
PRICING**

Sewer Jetting Valves Add \$400.00

DIESEL SPECIFICATIONS - OTHER CONFIGURATIONS AVAIL.				
Cold Water	Hot Water Vertical 880,000 BTU	Engine	Using One Gun you can run from...	Using Two Guns... Four Guns...
35K1135C \$9,995.00	35K1135H \$14,995.00	35 HP KUBOTA	5.5 GPM @ 4500 PSI up to 11.0 GPM @ 3500 PSI	5.5 GPM @ 3500 PSI x2
35K2020C \$9,995.00	35K2020H \$14,995.00	35 HP KUBOTA	10.0 GPM @ 3500 PSI up to 20.0 GPM @ 2000 PSI	10 GPM @ 2000 PSI x 2 5 GPM @ 2000 PSI x 4
35K2516C \$9,995.00	35K2516H \$14,995.00	35 HP KUBOTA	12.5 GPM @ 3000 PSI up to 25.0 GPM @ 1600 PSI	12.5 GPM @ 1600 PSI x 2 6 GPM @ 1600 PSI x 4
65K1150C \$14,995.00	65K1150H \$19,995.00	65 HP KUBOTA	5.5 GPM @ 5000 PSI up to 11.0 GPM @ 5000 PSI	5.5 GPM @ 5000 PSI x 2
65K1445C \$14,995.00	65K1445H \$19,995.00	65 HP KUBOTA	7.0 GPM @ 4500 PSI up to 14.0 GPM @ 4500 PSI	7.0 GPM @ 4500 PSI x 2
65K1640C \$14,995.00	65K1640H \$19,995.00	65 HP KUBOTA	8.0 GPM @ 4000 PSI up to 16.0 GPM @ 4000 PSI	8 GPM @ 4000 PSI x 2 4 GPM @ 4000 PSI x 4
65K2035C \$14,995.00	65K2035H \$19,995.00	65 HP KUBOTA	10.0 GPM @ 3500 PSI up to 20.0 GPM @ 3500 PSI	10 GPM @ 3500 PSI x 2 5 GPM @ 3500 PSI x 4
65K2530C \$14,995.00	65K2530H \$19,995.00	65 HP KUBOTA	12.5 GPM @ 3000 PSI up to 25.0 GPM @ 3000 PSI	12.5 GPM @ 3000 PSI x 2 6 GPM @ 3000 PSI x 4

...FOR THE DISCERNING PROFESSIONAL
WHO KNOWS, UNDERSTANDS AND DEMANDS
POWER & PERFORMANCE



Model Shown
N1030HWC
w/optional heater

Optional Chemical
Induction Pump
injects massive amounts
of chemical into the
Allison downstream
injection system.

**NET
PRICING**



NITRO

'Power in the Hands of a Few'

SYSTEM SPECIFICATIONS - MANY OTHER CONFIGURATIONS AVAILABLE

COLD WATER	HOT WATER VERTICAL	Engine	Using One Gun you can run from...	Using Two Guns you can run...
N5535C18 \$2,995.00	N5535H18 \$5,290.00 490,000 BTU	18 HP VANGUARD	5.5 GPM @ 3500	Single Gun System
N8040C30 \$4,995.00	N8040H30 \$7,690.00 880,000 BTU	30 HP KOHLER (Shown page 6)	4.0 GPM @ 4000 PSI or 8.0 GPM @ 4000 PSI	2 Guns @ 4.0 GPM & 4000 PSI each
N1030CWC \$4,995.00	N1030HWC \$7,690.00 880,000 BTU	28 HP WATER COOLED KOHLER (Shown this page)	5.0 GPM @ 3000 PSI or 10.0 GPM @ 3000 PSI	2 Guns @ 5.0 GPM & 3000 PSI each
N1032C30 \$4,995.00	N1032H30 \$7,690.00 880,000 BTU	30 HP KOHLER (Shown page 6)	5.0 GPM @ 3200 PSI or 10.0 GPM @ 3200 PSI	2 Guns @ 5.0 GPM & 3200 PSI each
N1226C30 \$4,995.00	N1226H30 \$7,690.00 880,000 BTU	30 HP KOHLER (Shown page 6)	6.0 GPM @ 2600 PSI up to 12.0 GPM @ 2600 PSI	2 Guns @ 6.0 GPM & 2600 PSI each

WATER COOLED ENGINES CAN BE INTERCHANGED WITH ANY GPM/PSI CONFIGURATION

SAVE 10% ON E-MAIL/FAX ORDERS UNLESS 'NET' PRICE APPEARS

NITRO SYSTEM

UP TO **30 HP**

UP TO **12 GPM**



LARGE
VOLUME
FUEL TANK

j.allison
Signature
pressure washers



TWO GUN SYSTEM

Sewer Jetting Valve
Add \$200.00

Master Card, VISA, AMEX, Discover ○ 1-800-346-4876 ○ Minimum Order \$50.00

TNT

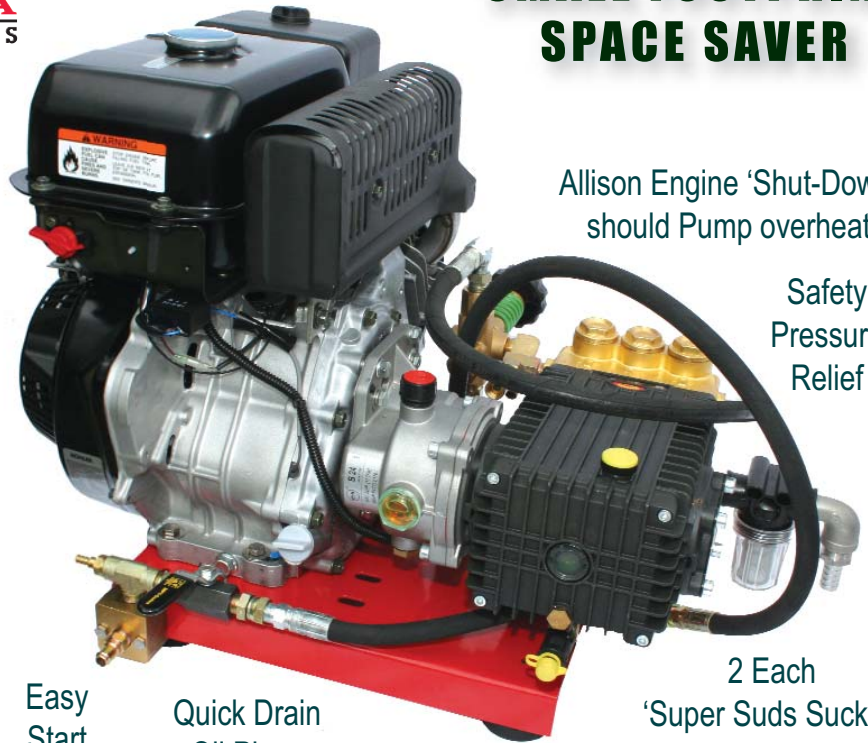
HONDA
ENGINES

UP TO **30 HP**
UP TO **12 GPM**



YU2140 Unloader
The Industry's Best
High Volume
Unloader

TWO GUN SMALL FOOTPRINT SPACE SAVER



Allison Engine 'Shut-Down'
should Pump overheat

Safety
Pressure
Relief

Easy
Start
Valve

Quick Drain
Oil Plugs

Tachometer / Hour Meter

2 Each
'Super Suds Sucker'
Chem Injector

DUAL BEARING TRANSMISSION DRIVE

Sewer Jetting Valve
Add \$200.00

JUST ADD WATER!

...that and a floor to bolt it down to is all you will need to be up and running with this compact beast!

This pressure washer is for contractors who need more volume, less pressure and quick production times.

SYSTEM SPECIFICATIONS

P/N & NET PRICE	Engine	Using One Gun you can run from...	Using Two Guns you can run...
TNT1032 \$4,495.00	30 HP KOHLER	5.0 GPM @ 3500 PSI up to 10.0 GPM @ 3200 PSI	2 Guns each @ 5.0 GPM & 3200 PSI each
TNT1225 \$4,495.00	30 HP KOHLER	6.0 GPM @ 3000 PSI up to 12.0 GPM @ 2500 PSI	2 Guns each @ 6.0 GPM & 2500 PSI each

MORE CONFIGURATIONS Available - CALL

System above is shown with top mount fuel tank which is no longer available. See optional fuel tank base to the left.

SAVE 10% ON E-MAIL/FAX ORDERS UNLESS 'NET' PRICE APPEARS

HIGH VOLUME HEATERS

DUAL-PASS COIL SYSTEM

PERFORMANCE beyond your wildest imagination!



SYSTEM SPECIFICATIONS		
P/N	CONFIGURATION & VOLUME	ELECTRICITY REQUIRED
9898 - \$2,995.00 880,000 BTU COIL	HORIZONTAL UP TO 12 GPM	12 VOLT
9899 - \$2,995.00 880,000 BTU COIL	HORIZONTAL UP TO 12 GPM	120 VOLT
9817 - \$2,295.00 490,000 BTU COIL	VERTICAL UP TO 6 GPM	12 VOLT
9815 - \$2,295.00 490,000 BTU COIL	VERTICAL UP TO 6 GPM	120 VOLT
9816 - \$2,695.00 880,000 BTU COIL	VERTICAL UP TO 12 GPM	12 VOLT
9814 - \$2,695.00 880,000 BTU COIL	VERTICAL UP TO 12 GPM	120 VOLT

1-800-346-4876

There is 'red hot' and then
there is a 'hotter hot...'

WHITE HOT

...up to

880,000 BTU

ALLISON IRON HORSE

HOMEOWNERS-CHOICE



HC2500HA



S/SP2700RGI

SKID MOUNT

SEMI-PRO



SP2700HC

STANDARD FEATURES

- Revolutionary aircraft grade aluminum frame with dual handles (no welds to fail)
- Lifetime frame warranty
- 50 mesh inlet filter
- Adjustable pressure unloader
- Pneumatic tires
- Dual padded shock absorbing feet
- 3/4" cold-rolled steel axle
- Thermo-sensor (prevents overheating in bypass mode)

NOTE: All units are packaged in UPS Shipping Carton: No Extra Charge Includes: Specially designed protective carton and contractor grade two piece gun-wand assembly.

HOMEOWNERS CHOICE STANDARD ACCESSORIES

- Gun/wand assembly
- Adjustable vario-nozzle
- 30' hose w/ 22 mm twist lock couplers
- Chemical injector

SEMI-PRO STANDARD ACCESSORIES

- Gun/wand assembly w/quick connects
- 30' high pressure hose w/quick connects
- Chemical injector assembly
- 4 color-coded QC spray nozzles
- 1 color-coded QC chemical nozzle

AVAILABLE OPTIONS

Skid Mount - precede model with S/
Example: S/SP2700HA

HOMEOWNERS-CHOICE MODELS

HC2500HA	2.5 GPM @ 2500 PSI	GC160	Honda	AR RMV Pump	\$ 1,058.00
HC2500HC	2.5 GPM @ 2500 PSI	GC160	Honda	CAT 3DX Pump	\$ 1,278.00
HC2500HGI	2.5 GPM @ 2500 PSI	GC160	Honda	GP TP Pump	\$ 1,249.00

SEMI-PRO MODELS

SP2700HA	2.5 GPM @ 2700 PSI	GC190	Honda	AR SJV Pump	\$ 1,326.00
SP2700HC	2.5 GPM @ 2700 PSI	GC190	Honda	CAT 3DX Pump	\$ 1,373.00
SP2700HGI	2.5 GPM @ 2700 PSI	GC190	Honda	GP TP Pump	\$ 1,344.00
SP2700RA	2.5 GPM @ 2700 PSI	EX170	Subaru	AR SJV Pump	\$ 1,406.00
SP2700RC	2.5 GPM @ 2700 PSI	EX170	Subaru	CAT 3DX Pump	\$ 1,453.00
SP2700RGI	2.5 GPM @ 2700 PSI	EX170	Subaru	GP TP Pump	\$ 1,424.00

BANSHEE SERIES

ALLISON IRON HORSE



E4032LDG

DIESEL ENGINE DIRECT DRIVE

Don't see exactly what you need?
Call Your Pressure-Pro.

We welcome
CUSTOM ORDERS!

**See pages 22 & 23 for the
full line of Whisper Wash
flat surface cleaners**



EG3020HCP

GAS ENGINE GEAR DRIVE

STANDARD FEATURES

- Revolutionary aircraft grade aluminum frame with dual handles (no welds to fail)
- Lifetime frame warranty
- 50 mesh inlet filter
- Adjustable pressure unloader
- Low oil shutdown
- Pneumatic tires
- Dual padded shock absorbing feet
- 3/4" cold-rolled steel axle
- Commercial /Industrial grade engines
- Thermo-sensor (prevents overheating in bypass mode)

NOTE: All units are completely factory assembled, tested in the USA, and delivered ready to operate.

STANDARD ACCESSORIES

- Gun/wand assembly w/quick connects
- 50' high pressure hose w/quick connects
- Chemical injector assembly w/quick connects
- 4 color-coded QC spray nozzles
- 1 color-coded QC chemical nozzle

AVAILABLE OPTIONS: ALL MODELS

Skid Mount - precede model with S/
Example: S/E4032LDG

NOTE: Diesel Skid units include powder coated steel skid with four rubber feet.

AVAILABLE OPTIONS: GX390 MODELS ONLY

Electric Start upgrade option:
Available on GX390 Hondas only. * All electric start models include battery and marine battery box. List: \$659.00

DIESEL ENGINE DIRECT DRIVE MODELS

E4032LDG	4.0 GPM @ 3200 PSI	15LD400	Lom.	GP Pump	\$ 2,236.76
E4032LDGE	4.0 GPM @ 3200 PSI	15LD400ES	Lom.*	GP Pump	\$ 2,830.25

GAS ENGINE GEAR DRIVE CAT PUMP MODELS

EG3020HCP	3.0 GPM @ 2000 PSI	GX160	Honda	CAT Pump	\$ 1,173.98
EG4035HCP	4.0 GPM @ 3500 PSI	GX390	Honda	CAT Pump	\$ 1,415.85

TOMCAT SERIES

ALLISON IRON HORSE



E4040HG



S/E3027RA

SKID MOUNT

STANDARD FEATURES

- Revolutionary aircraft grade aluminum frame with dual handles (no welds to fail)
- Lifetime frame warranty
- 50 mesh inlet filter
- Adjustable pressure unloader
- Low oil shutdown
- Pneumatic tires
- Dual padded shock absorbing feet
- 3/4" cold-rolled steel axle
- Commercial /Industrial grade engines
- Thermo-sensor (prevents overheating in bypass mode)

NOTE: All units are completely factory assembled, tested in the USA, and delivered ready to operate.

STANDARD ACCESSORIES

- Gun/wand assembly w/quick connects
- 50' high pressure hose w/quick connects
- Chemical injector
- 4 color-coded QC spray nozzles
- 1 color-coded QC chemical nozzle

AVAILABLE OPTIONS: ALL MODELS

Skid Mount - precede model with S/
Example: S/E4040HG

AVAILABLE OPTIONS: GX390 MODELS ONLY

Electric Start upgrade option:
Available on GX390 Hondas only. All electric start models include battery and marine battery box. List: \$659.00

AVAILABLE OPTIONS: E3024 & E3027 MODELS

UPS-Shipping Carton: No Extra Charge
Includes: Specially designed protective carton and contractor grade two piece gun-wand assembly. Order standard model and add UPS suffix after model.
Example: E3027HA-UPS

GAS ENGINE DIRECT DRIVE MODELS

E3024HA	3.0 GPM @ 2400 PSI	GX160	Honda	AR Pump	\$ 866.05
E3024HC	3.0 GPM @ 2400 PSI	GX160	Honda	CAT Pump	\$ 815.14
E3024HG	3.0 GPM @ 2400 PSI	GX160	Honda	GP Pump	\$ 841.50
E3027HA	3.0 GPM @ 2700 PSI	GX200	Honda	AR Pump	\$ 879.40
E3027HC	3.0 GPM @ 2700 PSI	GX200	Honda	CAT Pump	\$ 829.58
E3027HG	3.0 GPM @ 2700 PSI	GX200	Honda	GP Pump	\$ 856.30
E3027HGI	3.0 GPM @ 2700 PSI	GX200	Honda	GP Pump/Int UL	\$ 818.03
E3027RA	3.0 GPM @ 2700 PSI	EX170	Subaru	AR Pump	\$ 839.33
E3027RC	3.0 GPM @ 2700 PSI	EX170	Subaru	CAT Pump	\$ 788.79
E3027RG	3.0 GPM @ 2700 PSI	EX170	Subaru	GP Pump	\$ 815.14
E3032HA	3.0 GPM @ 3200 PSI	GX270	Honda	AR Pump	\$ 1,074.70
E3032HC	3.0 GPM @ 3200 PSI	GX270	Honda	CAT Pump	\$ 1,027.41
E3032HG	3.0 GPM @ 3200 PSI	GX270	Honda	GP Pump	\$ 1,026.33
E3032RA	3.0 GPM @ 3200 PSI	EX270	Subaru	AR Pump	\$ 1,022.00
E3032RC	3.0 GPM @ 3200 PSI	EX270	Subaru	CAT Pump	\$ 1,117.00
E3032RG	3.0 GPM @ 3200 PSI	EX270	Subaru	GP Pump	\$ 972.54
E4035HA	4.0 GPM @ 3500 PSI	GX390	Honda	AR Pump	\$ 1,154.12
E4035HC	4.0 GPM @ 3500 PSI	GX390	Honda	CAT Pump	\$ 1,223.07
E4035HG	4.0 GPM @ 3500 PSI	GX390	Honda	GP Pump	\$ 1,101.42
E4040HA	4.0 GPM @ 4000 PSI	GX390	Honda	AR Pump	\$ 1,127.41
E4040HC	4.0 GPM @ 4000 PSI	GX390	Honda	CAT Pump	\$ 1,223.07
E4040HG	4.0 GPM @ 4000 PSI	GX390	Honda	GP Pump	\$ 1,103.94
E4040HGI	4.0 GPM @ 4000 PSI	GX390	Honda	GP Pump/Int UL	\$ 1,059.18
E4040RG-14	4.0 GPM @ 4000 PSI	EX400	Subaru	GP Pump	\$ 1,134.27

CRUSADER SERIES

ALLISON IRON HORSE



EB4040HG



S/EB4040HG

SKID MOUNT

STANDARD FEATURES

- Revolutionary aircraft grade aluminum frame with dual handles (no welds to fail)
- Lifetime frame warranty
- 50 mesh inlet filter
- Adjustable pressure unloader
- Low oil shutdown
- Pneumatic tires
- Dual padded shock absorbing feet
- 3/4" cold-rolled steel axle
- Thermo-sensor (prevents overheating in bypass mode)
- Commercial /Industrial grade engines

NOTE: All units are completely factory assembled, tested in the USA, and delivered ready to operate.

STANDARD ACCESSORIES

- Gun/wand assembly w/quick connects
- 50' high pressure hose w/quick connects
- Chemical injector assembly w/quick connects
- 4 color-coded QC spray nozzles
- 1 color-coded QC chemical nozzle

AVAILABLE OPTIONS: ALL MODELS

Skid Mount - precede model with S/
Example: S/EB4040HG

AVAILABLE OPTIONS: GX390 MODELS ONLY

Electric Start upgrade option:
Available on GX390 Hondas only. All electric start models include battery and marine battery box. List: \$659.00

GAS ENGINE V-BELT DRIVE MODELS

EB3025HA	3.0 GPM @ 2500 PSI	GX200	Honda	AR Pump	\$ 1,027.05
EB3025HC	3.0 GPM @ 2500 PSI	GX200	Honda	CAT Pump	\$ 1,311.88
EB3025HG	3.0 GPM @ 2500 PSI	GX200	Honda	GP Pump	\$ 1,141.49
EB4035HA	4.0 GPM @ 3500 PSI	GX390	Honda	AR Pump	\$ 1,361.70
EB4035HC	4.0 GPM @ 3500 PSI	GX390	Honda	CAT Pump	\$ 1,458.09
EB4035HG	4.0 GPM @ 3500 PSI	GX390	Honda	GP Pump	\$ 1,391.66
EB4035HGZ	4.0 GPM @ 3500 PSI	GX390	Honda	GP EZ Pump	\$ 1,373.25
EB4040HA	4.0 GPM @ 4000 PSI	GX390	Honda	AR Pump	\$ 1,376.14
EB4040HG	4.0 GPM @ 4000 PSI	GX390	Honda	GP Pump	\$ 1,403.21
EB4040RG-14	4.0 GPM @ 4000 PSI	EX400	Subaru	GP Pump	\$ 1,436.43

PHANTOM SERIES

ALLISON IRON HORSE

18 HP and above are Hot Water Ready with 20 to 25 AMP Recharging Systems!



SYSTEM SPECIFICATIONS

- Industrial Triplex Pumps
- Up to 4,000 PSI & 12 GPM
- Industrial Unloader
- Safety Pressure Relief Valve
- Aircraft Aluminum Carts
- Injector, Gun, Hose, Lance and Nozzles sold separately
- Completely Assembled

HOSE PACK INCLUDES:

- Allison Injector
 - Brass/Stainless Chem Filter
 - 50'/4000 PSI HOSE
 - Set up with Quick Connects
 - Our best Trigger Gun
 - Gun has ceramic check ball
 - 48" Insulated Lance
 - 5 Nozzles Nozzles
 - Trombone Nozzle Holder
- #PWGP-4000 - \$97.22

MODEL	PSI/GPM	ENGINE/HP	DRIVE	NET PRICE	MOUNTING
RBC355518V	3500 - 5.5	18 Vanguard	Belt	\$ 1,695.00	2-Wheel Cart
RBC355518K	3500 - 5.5	18 Kohler	Belt	\$ 1,850.00	2-Wheel Cart
RBC405520H	4000 - 5.5	20 Honda	Belt	\$ 2,250.00	2-Wheel Cart
RGC355518V	3500 - 5.5	18 Vanguard	Gear	\$ 1,695.00	2-Wheel Cart
RGC355518K	3500 - 5.5	18 Kohler	Gear	\$ 1,850.00	2-Wheel Cart
RGC405520H	4000 - 5.5	20 Honda	Gear	\$ 2,250.00	2-Wheel Cart
RGC328024H	3200 - 8.0	24 Honda	Gear	\$ 2,395.00	2-Wheel Cart
RGP355518V	3500 - 5.5	18 Vanguard	Gear	\$ 1,695.00	Base Plate Shown
RDP355518V	3500 - 5.5	18 Vanguard	Direct Drive	\$ 1,595.00	Base Plate Shown
RGP355518K	3500 - 5.5	18 Kohler	Gear	\$ 1,850.00	Base Plate Shown
RDP355518K	3500 - 5.5	18 Kohler	Direct Drive	\$ 1,750.00	Base Plate Shown
RGP405520H	4000 - 5.5	20 Honda	Gear	\$ 2,195.00	Base Plate Shown
RGP328024H	3200 - 8.0	24 Honda	Gear	\$ 2,295.00	Base Plate Shown
RGP408030K	4000 - 8.0	30 Kohler	Gear	\$ 3,195.00	Base Plate Shown
RGP388530K	3800 - 8.5	30 Kohler	Gear	\$ 3,195.00	Base Plate Shown
RGP301030K	3000 - 10.0	30 Kohler	Gear	\$ 3,195.00	Base Plate Shown
RGP251230K	2500 - 12.0	30 Kohler	Gear	\$ 3,195.00	Base Plate Shown
RGB355518V	3500 - 5.5	18 Vanguard	Gear	\$ 1,650.00	Bare System - No Cart or Base Plate
RDB355518V	3500 - 5.5	18 Vanguard	Direct Drive	\$ 1,550.00	Bare System - No Cart or Base Plate
RGB355518K	3500 - 5.5	18 Kohler	Gear	\$ 1,795.00	Bare System - No Cart or Base Plate
RDB355518K	3500 - 5.5	18 Kohler	Direct Drive	\$ 1,650.00	Bare System - No Cart or Base Plate
RGB405520H	4000 - 5.5	20 Honda	Gear	\$ 2,150.00	Bare System - No Cart or Base Plate
RGB328024H	3200 - 8.0	24 Honda	Gear	\$ 2,295.00	Bare System - No Cart or Base Plate
RGB408030K	4000 - 8.0	30 Kohler	Gear	\$ 3,150.00	Bare System - No Cart or Base Plate
RGB388530K	3800 - 8.5	30 Kohler	Gear	\$ 3,150.00	Bare System - No Cart or Base Plate
RGB301030K	3000 - 10.0	30 Kohler	Gear	\$ 3,150.00	Bare System - No Cart or Base Plate
RGB251230K	2500 - 12.0	30 Kohler	Gear	\$ 3,150.00	Bare System - No Cart or Base Plate



- **BARE SYSTEMS** are ideal if you already have a base plate or just want to bolt the engine directly to the floor.

- **GEAR SYSTEMS** are the preferred system in the industry. These are the finest gear/transmission drives on the market and feature 'dual', matched and balanced roller bearings. We have been building gear driven pressure washers for over 25 years with '0' gear failures to date.

- **PLEASE NOTE:** These systems are not the typical pressure washers found in 'box stores' or in discount catalogs. These are industrial/professional systems designed and engineered to provide years of dependable service by utilizing the industry's most dependable components.

RENEGADE SERIES

ALLISON IRON HORSE

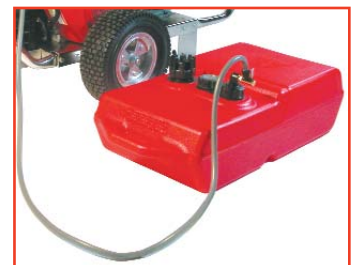
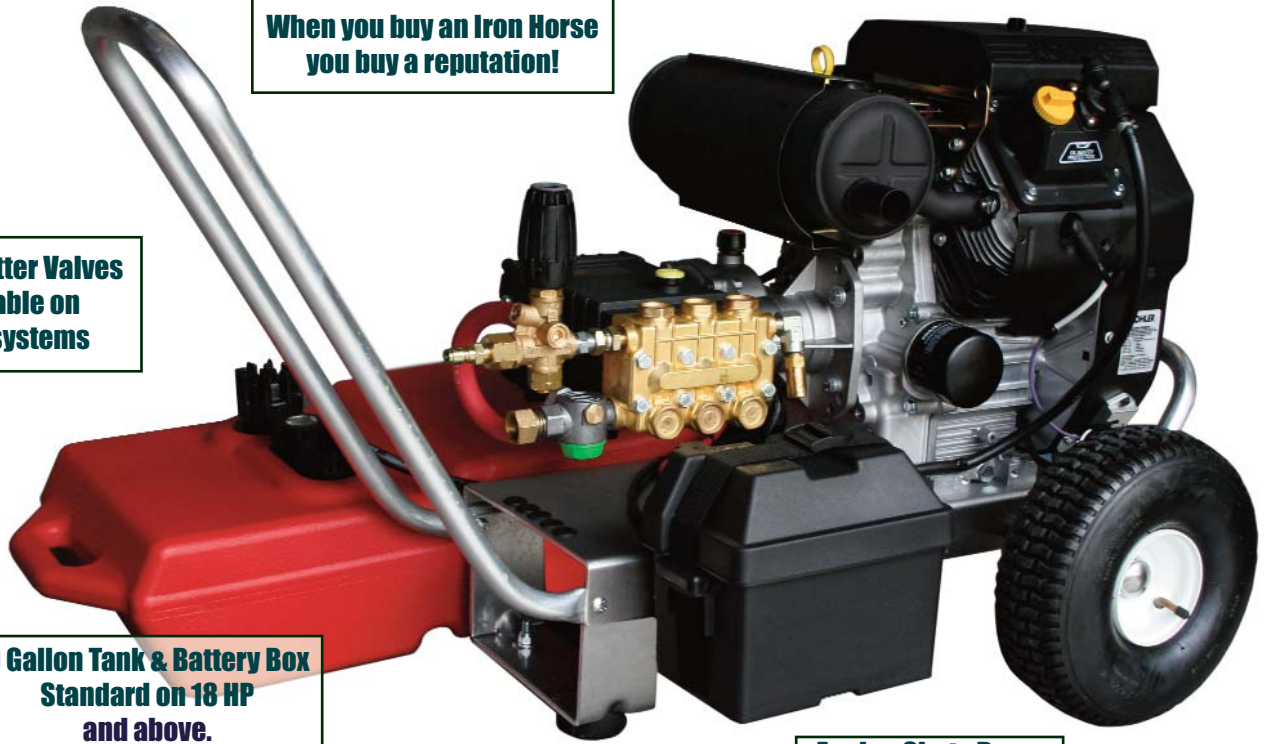
**When you buy an Iron Horse
you buy a reputation!**

**Sewer Jetter Valves
available on
most systems**

**9 Gallon Tank & Battery Box
Standard on 18 HP
and above.**

**Engine Shuts Down
if Pump Overheats**

**Renegades Professional Pressure Washers are built for the 'long haul' Unlike many manufacturers who are driven by price - Allison Iron Horse Systems are built with the very best components money can buy and the bonus to you is that...
...because you buy factory direct you can purchase an Iron Horse for a fraction over what you would pay for a system of much lesser quality.**



RENEGADE SERIES

I have been asked many times...

“...if you had to do it all over again what would you be using?”

or “...if you could build the ultimate machine without cost being a factor what would you build?”

Well - here is what I would have.

For a Portable System...

- I would have a Kohler Engine equipped with a 'real' oil drain plug - not a 'cheap' drain hose.
- My engine would be set up with both a tachometer as well as an hour meter.
- I would have a General Pump equipped with a 'real' oil drain plug.
- My pump would be set up with an Allison Engine Terminator.
- I would have a 5,000 psi safety burst disc on my pump.
- I would use a 'soft touch' unloader whenever possible..
- If I could not use a 'soft touch' I would use a YU-2140 by PA.
- On 18 horsepower systems I would install a clutch that would stop the pump when I released the trigger.
- On gear drive systems I would use a PA dual bearing gear box equipped with a 'real' oil drain plug.
- On belt drive systems I would use a Gates Poly Chain synchronous belt drive system.
- My machine would have a minimum of 20 AMP recharging system.
- It would have a battery box.
- It would have a large fuel tank.
- I would be using a Hi-Tech 4100 trigger gun equipped with a hose whip.
- I would use a 100' section of Serpentine, 6,000 psi hose.
- I would use a 60" stainless steel wand with a vented grip slightly bent at the nozzle end.
- I would use an Allison Super Suds Sucker injection system.

...all of the above and more is what you will find on a Signature System

...by the way - I like the idea of portable systems for two reasons.

1. FLEXIBILITY; trust me - what you like or need today will not be what you will like or need a year or two from now. Personally I would have a portable, cart system so when something breaks it is much easier to replace it with my spare cart system. People tend to look at the 2-wheel cart portables as being less than adequate simply because of their size. My feelings are 3500 psi is 3500 psi & 5.6 gpm is 5.6 gpm whether it is bolted to a cart or mounted on the back of a Sherman Tank. So, I would have 2 portables and two SDC heaters and my employees would never, ever have an excuse for not going to work.

2. VERSATILITY: unless I am missing something I have never understood why I would want a huge hunk of iron containing a heater, engine & pump. It never fits in the space I seem to have and when I go to move it I need either a forklift or a small army and can never find either. The ideal for me was having the ability to place my equipment where it made the most sense and not the only place there was room.



j.allison
Signature
 pressure washers

An Allison Signature is unique to say the least and built exclusive for the professional who knows and understands the importance of power, performance and longevity.

Nothing has been held back. The very best and proven components make up the Allison Signature and the bonus is that this system is hot water ready. So buy your cold water Signature now and add hot water any time by simply connecting a short jumper hose from the washer to the hot box.

<u>MODEL</u>	<u>PSI/GPM</u>	<u>ENGINE</u>	<u>PUMP</u>	<u>UNLOADER</u>	<u>DRIVE</u>	<u>MOUNTING</u>	<u>NET PRICE</u>
SC4050-18KC	4000 - 4.0	18 KOHLER	General	Soft Touch	Clutch Belt	2-Wheel Cart	\$ 2,700.00
SC3556-18KC	3500 - 5.6	18 KOHLER	General	Soft Touch	Clutch Belt	2-Wheel Cart	\$ 2,700.00
SC5635-18KG	3500 - 5.6	18 KOHLER	General	Soft Touch	Poly Chain	Poly Chain Cart	\$ 3,100.00
SC7640-30KP	4000 - 7.6	30 KOHLER	General	YU-2140	Poly Chain	Poly Chain Cart	\$ 4,100.00
SC8538-30KP	3800 - 8.5	30 KOHLER	General	YU-2140	Poly Chain	Poly Chain Cart	\$ 4,100.00
SC1033-30KP	3300 - 10.0	30 KOHLER	General	Soft Touch	Poly Chain	Poly Chain Cart	\$ 4,100.00
SC1227-30KP	2700 - 12.0	30 KOHLER	General	Soft Touch	Poly Chain	Poly Chain Cart	\$ 4,100.00
SC3556-18KG	3500 - 5.6	18 KOHLER	General	Soft Touch	Gear	2-Wheel Cart	\$ 2,400.00
SC7640-30KG	4000 - 7.6	30 KOHLER	General	YU-2140	Gear	2-Wheel Cart	\$ 3,600.00
SC8538-30KG	3800 - 8.5	30 KOHLER	General	YU-2140	Gear	2-Wheel Cart	\$ 3,600.00
SC1033-30KG	3300 - 10.0	30 KOHLER	General	Soft Touch	Gear	2-Wheel Cart	\$ 3,600.00
SC1227-30KG	2700 - 12.0	30 KOHLER	General	Soft Touch	Gear	2-Wheel Cart	\$ 3,600.00

MASTER BLASTERS

ALLISON IRON HORSE



VB5535HGEA311

Don't see exactly what you need?
Call Your Pressure-Pro.
 We welcome
CUSTOM ORDERS!

STANDARD FEATURES

- Revolutionary aircraft grade aluminum frame with dual handles (no welds to fail)
- Lifetime frame warranty
- 50 mesh inlet filter
- EZ-Start
- Adjustable pressure unloader
- Low oil shutdown
- Engine and pump oil drains offer easy maintenance
- Oversize pneumatic tires
- Dual padded shock absorbing feet
- 3/4" cold-rolled steel axle
- 4-V Belt drive
- Commercial /Industrial grade engines
- Low speed pump and thermo-sensor (prevents overheating in bypass mode)
- Remote six gallon poly fuel tank
- All units feature electric start and include battery & marine battery box

NOTE: 8 GPM units set up for tank feed. All units are completely factory assembled, tested in the USA, and delivered ready to operate

STANDARD ACCESSORIES

- Gun/wand assembly w/quick connects
- 50' high pressure hose w/quick connects
- Maxi-Flo 20% chemical injector assembly w/quick connects
- 4 color-coded QC spray nozzles
- 1 color-coded QC chemical nozzle

NOTE: Chemical injector & nozzle are not included on 5000, and 6000 PSI models. (See Available Options)

AVAILABLE OPTIONS:

Skid Mount - Precede model with S/
 Example: S/VB5540HGEA311
 ACI5000 5000 PSI Chemical Injector Assembly. List: \$118.79
 ACI6000 6000 PSI Chemical Injector Assembly. List: \$185.99

GAS ENGINE V-BELT DRIVE MODELS

VB8030HAEA306	8.0 GPM @ 3000 PSI	GX620	Honda	AR Pump	\$ 2,640.36
VB8030HGEA306	8.0 GPM @ 3000 PSI	GX620	Honda	GP Pump	\$ 2,607.51
VB5535HGEA311	5.5 GPM @ 3500 PSI	GX620	Honda	GP Pump	\$ 2,389.47
VB8035HAEA306	8.0 GPM @ 3500 PSI	GX670	Honda	AR Pump	\$ 2,843.41
VB8035HGEA306	8.0 GPM @ 3500 PSI	GX670	Honda	GP Pump	\$ 2,801.73
VB5040HCEA311	5.0 GPM @ 4000 PSI	GX620	Honda	CAT Pump	\$ 2,993.42
VB5540HAEA309	5.5 GPM @ 4000 PSI	GX620	Honda	AR Pump	\$ 2,560.22
VB5540HGEA311	5.5 GPM @ 4000 PSI	GX620	Honda	GP Pump	\$ 2,631.34
VB4550HGEA510	4.5 GPM @ 5000 PSI	GX620	Honda	GP Pump	\$ 2,788.35
VB5550HGEA510	5.5 GPM @ 5000 PSI	GX670	Honda	GP Pump	\$ 2,944.32
VB4560HGEA600	4.5 GPM @ 6000 PSI	GX670	Honda	GP P	\$ 4,014.33

VIGILANTE SERIES

ALLISON IRON HORSE

NEW



HEAVY-DUTY COMMERCIAL

**PKW005
HRK-HDC
HDC8030HA**

**SHOWN WITH
OPTIONAL
HOSE REEL &
WHEEL KITS**



HDCV8035HG

STANDARD FEATURES

- Rugged powder coated steel frame
- Removable roll cage w/ hose reel platform
- On board 15 gallon poly fuel tank
- Full sized battery w/ marine battery box
- Skid mount or portable
- 20 HP to 40 HP Commercial /Industrial gasoline engines
- Engine and pump oil drains offer easy maintenance
- Polychain or V-belt drive
- Adjustable pressure unloader
- Many flow rates and pressures available

NOTE: All units are completely factory assembled, tested in the USA, and delivered ready to operate.

STANDARD ACCESSORIES

- Gun/wand assembly w/quick connects
- Tank feed plumbing
- 50' high pressure hose w/quick connects
- Maxi-Flo 20% chemical injector assembly w/ quick connects
- 4 color-coded QC spray nozzles
- 1 color-coded QC chemical nozzle

NOTE: Chemical injector & nozzle are not included on 5000, 6000 & 7000 PSI units (See Available Options).

AVAILABLE OPTIONS

HRK-HDC (Polychain) or HRK-HDCV (V-Belt) Hose Reel Kits, 350' x 3/8" max. w/ no add'l hose. List: \$528.50
 PKW005 Wheel Kit w/ Handle Assembly. List: \$383.32
 ACI5000 5000 PSI Chemical Injector Assembly. List: \$118.79
 ACI6000 6000 PSI Chemical Injector Assembly. List: \$185.99
 Jetter Valve Kit - Call factory for price & availability.

NOTE: Portable units come with bypass plumbing.

HEAVY-DUTY POLYCHAIN DRIVE GAS ENGINE MODELS

HDC8030HG	8.0 GPM @ 3000 PSI	GX620	Honda	GP Pump	\$ 3,228.79
HDC8035HG	8.0 GPM @ 3500 PSI	GX670	Honda	GP Pump	\$ 3,449.36
HDC5540HG	5.5 GPM @ 4000 PSI	GX620	Honda	GP Pump	\$ 3,259.48
HDC5550HG	5.5 GPM @ 5000 PSI	GX670	Honda	GP Pump	\$ 3,532.75
HDC4560HG	4.5 GPM @ 6000 PSI	GX670	Honda	GP Pump	\$ 4,323.70
HDC4070HG	4.0 GPM @ 7000 PSI	GX670	Honda	GP Pump	\$ 4,713.22
HDC6070KA	6.0 GPM @ 7000 PSI	CH1000	Kohler	AR Pump	\$ 6,747.37

HEAVY-DUTY V-BELT DRIVE GAS ENGINE MODELS

HDCV8030HG	8.0 GPM @ 3000 PSI	GX620	Honda	GP Pump	\$ 3,081.86
HDCV5535HG	5.5 GPM @ 3500 PSI	GX620	Honda	GP Pump	\$ 2,917.25
HDCV8035HG	8.0 GPM @ 3500 PSI	GX670	Honda	GP Pump	\$ 3,303.16
HDCV5540HG	5.5 GPM @ 4000 PSI	GX620	Honda	GP Pump	\$ 3,113.63
HDCV5550HG	5.5 GPM @ 5000 PSI	GX670	Honda	GP Pump	\$ 3,337.81
HDCV4560HG	4.5 GPM @ 6000 PSI	GX670	Honda	GP Pump	\$ 4,218.65

SCORPION SERIES

ALLISON IRON HORSE



B5550HGEA511

See pages 22 & 23 for the full line of Whisper Wash flat surface cleaners

Don't see exactly what you need?
Call Your Pressure-Pro.
 We welcome
CUSTOM ORDERS!

GAS ENGINE POLYCHAIN BELT DRIVE HP MODELS

B4550HAEA511	4.5 GPM @ 5000 PSI	GX620	Honda	AR Pump	\$ 3,075.37
B4550HCEA511	4.5 GPM @ 5000 PSI	GX620	Honda	CAT Pump	\$ 3,790.87
B4550HGEA511	4.5 GPM @ 5000 PSI	GX620	Honda	GP Pump	\$ 2,994.86
B5550HAEA515	5.5 GPM @ 5000 PSI	GX670	Honda	AR Pump	\$ 3,264.53
B5550HGEA511	5.5 GPM @ 5000 PSI	GX670	Honda	GP Pump	\$ 3,179.69
B4560HGEA600	4.5 GPM @ 6000 PSI	GX670	Honda	GP Pump	\$ 4,176.78
B5060KGEA600	5.0 GPM @ 6000 PSI	CH740	Kohler	GP Pump	\$ 4,890.11
B4070HAEA700	4.0 GPM @ 7000 PSI	GX670	Honda	AR Pump	\$ 5,223.68
B4070HGEA700	4.0 GPM @ 7000 PSI	GX670	Honda	GP Pump	\$ 4,587.23
B6070KAEA700	6.0 GPM @ 7000 PSI	CH1000	Kohler	AR Pump	\$ 7,094.49

STANDARD FEATURES

- Revolutionary aircraft grade aluminum frame with dual handles (no welds to fail)
- Lifetime frame warranty
- Easy access tip holder/gun holder/hose hanger on handle
- Epoxy powder coated finish
- 10,000 hour rated Gates polychain cogged belt (2 year warranty)
- 50 mesh inlet water filter
- EZ-Start
- Adjustable pressure unloader
- Low oil shutdown
- Engine oil drain offers easy maintenance
- Oversize pneumatic tires
- Dual spring cushioned shock absorbing feet
- 3/4" cold-rolled steel axle
- Commercial /Industrial grade engines
- Low speed pump and thermo-sensor (prevents overheating in bypass mode)
- Remote six gallon poly fuel tank
- All 20 HP – 40 HP units feature electric start and include battery & marine battery box

NOTE: All units are completely factory assembled, tested in the USA, and delivered ready to operate.

STANDARD ACCESSORIES

- Gun/wand assembly w/quick connects
- 50' high pressure hose w/quick connects
- 4 QC spray nozzles

NOTE: Chemical injector is not included on 5000, 6000 & 7000 PSI units (See Available Options).

AVAILABLE OPTIONS

Skid Mount - Precede model with S/
 Example: S/B4550HGEA511
 ACI5000 5000 PSI Chemical Injector Assembly. List: \$118.79
 ACI6000 6000 PSI Chemical Injector Assembly. List: \$185.99

INTRUDER SERIES

ALLISON IRON HORSE



B5535HGEA303



POLYCHAIN DRIVE



S/B1228KGEA105

SKID MOUNT

GAS ENGINE POLYCHAIN BELT DRIVE MODELS

B1520KCEA125	15.0 GPM @ 2000 PSI	CH740	Kohler*	CAT Pump	\$ 5,399.12
B1228KGEA105	12.0 GPM @ 2800 PSI	CH750	Kohler*	GP Pump	\$ 4,153.67
B8030HAEA306	8.0 GPM @ 3000 PSI	GX620	Honda*	AR Pump	\$ 2,814.00
B8030HGEA306	8.0 GPM @ 3000 PSI	GX620	Honda*	GP Pump	\$ 2,779.71
B1030KCEA105	10.0 GPM @ 3000 PSI	CH740	Kohler*	CAT Pump	\$ 5,182.53
B1030KGEA390	10.8 GPM @ 3000 PSI	CH740	Kohler*	GP Pump	\$ 3,747.65
B4035HCP307	4.0 GPM @ 3500 PSI	GX390	Honda	CAT Pump	\$ 1,729.92
B4035HG303	4.0 GPM @ 3500 PSI	GX390	Honda	GP Pump	\$ 1,674.32
B5535HAEA309	5.5 GPM @ 3500 PSI	GX610	Honda*	AR Pump	\$ 2,736.38
B5535HGEA303	5.5 GPM @ 3500 PSI	GX610	Honda*	GP Pump	\$ 2,561.30
B8035HAEA306	8.0 GPM @ 3500 PSI	GX670	Honda*	AR Pump	\$ 3,033.13
B8035HGEA306	8.0 GPM @ 3500 PSI	GX670	Honda*	GP Pump	\$ 2,985.48
B4040HG303	4.0 GPM @ 4000 PSI	GX390	Honda	GP Pump	\$ 1,682.63
B5540HAEA309	5.5 GPM @ 4000 PSI	GX620	Honda*	AR Pump	\$ 2,739.64
B5540HGEA303	5.5 GPM @ 4000 PSI	GX620	Honda*	GP Pump	\$ 2,811.84

STANDARD FEATURES

- Revolutionary aircraft grade aluminum frame with dual handles (no welds to fail)
- Lifetime frame warranty
- Easy access tip holder/gun holder/hose hanger on handle
- Epoxy powder coated finish
- 10,000 hour rated Gates polychain cogged belt (2 year warranty)
- 50 mesh inlet water filter
- EZ-Start
- Adjustable pressure unloader
- Low oil shutdown
- Engine oil drain offers easy maintenance
- Oversize pneumatic tires
- Dual spring cushioned shock absorbing feet
- 3/4" cold-rolled steel axle
- Commercial /Industrial grade engines
- Low speed pump and thermo-sensor (prevents overheating in bypass mode)

NOTE: 8 thru 15 GPM units set up for tank feed. All units are completely factory assembled, tested in the USA, and delivered ready to operate.

STANDARD ACCESSORIES

- Gun/wand assembly w/quick connects
- 50' high pressure hose w/quick connects
- Maxi-Flo 20% chemical injector assembly w/quick connects
- 4 color-coded QC spray nozzles
- 1 color-coded QC chemical nozzle

*NOTE: Electric start is standard on 18 HP - 30 HP V-Twin engine models and include battery, marine battery box, and remote six gallon poly fuel tank.

AVAILABLE OPTIONS

Skid Mount - Precede model with S/
Example: S/B5540HAEA309
Block Mounted K7 Unloader. 3500 psi max. List: \$200.00

AVAILABLE OPTIONS: GX390 MODELS ONLY

Electric Start upgrade option:
Available on GX390 Hondas only. * All electric start models include battery and marine battery box. List: \$659.00

INTRUDER SERIES

ALLISON IRON HORSE

ATV READY

NEW

**CST050-GATOR
AHR250-G
RCS/G1050HH
266693
4465-1702 200'**



**AST050-GATOR
AHR100-1
RCS/E3027HG-TF
KBP100**



Gator ATV NOT INCLUDED

GOT BUGS?

Pro-ATV Skid units can be combined with various cold water pump/engine units to achieve a "Totally Self Contained" 50 gallon tank feed system. Available pressures from 500 PSI to 4000 PSI and flow rates up to 10 GPM in gear, and direct drive configurations. Add the tank/skid model with desired equipment and options listed to design a custom Honda powered unit built to your specifications. All skids are constructed of aircraft grade aluminum which are chemical resistant and rustproof. These units mount quickly and securely into Gator, Rhino, Mule or other ATV vehicles.

NOTE: All units are completely factory assembled, tested in the USA, and delivered ready to operate.

AST050-GATOR

Dimensions: (with AHR100-1)
38" W x 48" L x 44" H

CST050-GATOR

Dimensions: (with AHR250-G)
38" W x 48" L x 49" H

Call factory for more configurations.

TANK, ALUMINUM SKID & INLET PLUMBING KITS

AST050-GATOR	Assy. Skid/Tank, 50 Gal., Inlet Plumbing	\$ 644.70
CST050-GATOR	Assy. Chem. Skid/Tank, 50 Gal., w/ Inlet Plumbing & Bypass	\$ 677.18

OPTIONS

KBP100	Tank Feed Unloader Bypass Return & Hose Assy. (CST050-GATOR already has Bypass)	\$ 94.25
266693	Ag. Spray Gun, compare to JD9	\$ 203.61
4465-1702	Ag. Hose, 3/8", Yellow, Select 200' or 400' (Price is per foot)	\$ 2.56
KTF100	Float Valve Assembly – (shuts water off when tank is full)	\$ 178.15
KTD075	Tank Drain, 3/4"	\$ 166.68
LWS100	Low Water Shutdown – (shuts engine off when water level is low)	\$ 299.51

HOSE REELS

AHR100-1	GP Hose Reel with Hardware, 100' x 3/8" maximum	\$ 170.74
AHR200-1	GP Hose Reel with Hardware, 200' x 3/8" maximum	\$ 185.47
AHR250-1	Hosetract Hose Reel w/ Hardware, 250' x 3/8" max. (High Pressure Jumper Hose)	\$ 284.20
AHR250-G	Hosetract Hose Reel w/ Hardware, 250' x 3/8" max. (Yellow AG Jumper Hose)	\$ 293.21
AHR250-3	Titan S.S. Hose Reel with Hardware, 250' x 3/8" maximum	\$ 511.89

POWER UNITS

RCS/E3027HG-TF	Direct Drive, 3.0 GPM @ 2700 PSI, GX200 Honda, GP Pump, Tank-Fed, Roll Cage	\$ 815.86
RCS/G1050HH	Gear Drive Chem. Sprayer, 10 GPM @ 500 PSI, GX160 Honda, Hypro Roll Cage Skid	\$ 1,521.62

VOODOO SERIES

ALLISON IRON HORSE



AST200
ASR100
KBP100
AHR250-1
TS/D4040HG311

Don't see exactly what you need?
Call Your Pressure-Pro.
 We welcome
CUSTOM ORDERS!

See pages 22 & 23 for the full line of Whisper Wash flat surface cleaners

TANK, ALUMINUM SKID & INLET PLUMBING KITS

AST100	100 Gallon Tank, Bands, Aluminum Skid, and Inlet Plumbing	\$ 690.96
AST200	200 Gallon Tank, Bands, Aluminum Skid, and Inlet Plumbing	\$ 855.89

OPTIONS

ASR100	Aluminum Hose Reel Support Assembly with Mounting Hardware	\$ 194.95
KBP100	Tank Feed Unloader Bypass Return and Hose Assembly	\$ 134.09
KTF100	Float Valve Assembly – (shuts water off when tank is full)	\$ 169.39
KTD075	Tank Drain, 3/4"	\$ 160.99
LWS100	Low Water Shutdown – (shuts engine off when water level is low)	\$ 208.92

HOSE REELS

AHR100-1	GP Hose Reel with Hardware, 100' x 3/8" maximum	\$ 180.74
AHR200-1	GP Hose Reel with Hardware, 200' x 3/8" maximum	\$ 185.47
AHR250-1	Hosetract Heavy Duty Hose Reel with Hardware, 250' x 3/8" maximum	\$ 294.20
AHR250-3	Titan S.S. Hose Reel with Hardware, 250' x 3/8" maximum	\$ 522.89

PRESSURE WASHER POWER UNITS

TS/D3024HG332	Direct Drive	3.0 GPM @ 2400 PSI	GX160 Honda	GP Pump	Tank-Fed	\$ 858.10
TS/D3027HG332	Direct Drive	3.0 GPM @ 2700 PSI	GX200 Honda	GP Pump	Tank-Fed	\$ 873.27
TS/D3032HG331	Direct Drive	3.0 GPM @ 3200 PSI	GX270 Honda	GP Pump	Tank-Fed	\$1,053.77
TS/D4040HG331	Direct Drive	4.0 GPM @ 4000 PSI	GX390 Honda	GP Pump	Tank-Fed	\$1,122.36
TS/VB4040HG331	Belt Drive	4.0 GPM @ 4000 PSI	GX390 Honda	GP Pump	Tank-Fed	\$1,396.35
TS/VB535HG331	Belt Drive	5.5 GPM @ 3500 PSI	GX620 Honda	GP Pump	Tank-Fed	\$2,310.77

Pro-Skid units can be combined with various cold water pump/engine units to achieve a "Totally Self Contained" 100 or 200 gallon tank feed system. Available pressures of 2400 PSI to 4000 PSI and flow rates up to 10 GPM in belt, gear, and direct drive configurations. Add the tank/skid model with desired equipment options listed to design a custom Honda powered unit built to your specifications. All skids are constructed of aircraft grade aluminum which are chemical resistant and rustproof. All units feature adjustable pressure unloader valve. These skid units mount quickly and securely into truck beds, trailers or other vehicles.

NOTE: All units are factory assembled, tested in the USA, and delivered ready to operate.

Dimensions: (with AHR250)
 39" W x 62" L x 44" H
 (w/o hose reel)
 39" W x 62" L x 31" H

Call factory for more configurations.

PROWLER SERIES

ALLISON IRON HORSE



HC/EE2015G



WM/EE2015G

Don't see exactly what you need?
Call Your Pressure-Pro.
 We welcome
CUSTOM ORDERS!

See pages 22 & 23 for the full line of Whisper Wash flat surface cleaners

STANDARD FEATURES

- Revolutionary aircraft grade aluminum frame with lifetime warranty
- 50 mesh inlet filter
- Adjustable pressure unloader
- Thermo-sensor (prevents overheating in bypass mode)
- Commercial /Industrial grade motors
- 115 volt units include GFCI w/36' cord w/plug
- 230 volt units include 12' cord (no plug)

NOTE: All units are completely factory assembled, tested in the USA, and delivered ready to operate. All units are single phase electric power.

STANDARD ACCESSORIES

- Gun/wand assembly w/quick connects
- 50' high pressure hose w/quick connects
- Chemical injector assembly w/quick connects
- 4 color-coded QC spray nozzles
- 1 color-coded QC chemical nozzle

AVAILABLE OPTIONS

UPS-Shipping Carton: No Extra Charge Includes: Specially designed protective carton and contractor grade two piece gun-wand assembly. Order standard model and add UPS suffix after model.

Example: HC/EE3010G-UPS

NOTE: Only 1.5 HP, 2 HP and 3 HP models can ship UPS

ELECTRIC HAND CARRY DIRECT DRIVE MODELS

HC/EE2012G	2.0 GPM @ 1200 PSI	1.5 HP	115V/1PH/13A	GP Pump	\$ 715.87
HC/EE2015G	2.0 GPM @ 1500 PSI	2.0 HP	115V/1PH/18A	GP Pump	\$ 736.81
HC/EE3010G	3.0 GPM @ 1000 PSI	2.0 HP	115V/1PH/18A	GP Pump	\$ 741.50

ELECTRIC WALL MOUNT DIRECT DRIVE MODELS

WM/EE2015G	2.0 GPM @ 1500 PSI	2.0 HP	115V/1PH/18A	GP Pump	\$ 767.49
WM/EE3010G	3.0 GPM @ 1000 PSI	2.0 HP	115V/1PH/18A	GP Pump	\$ 767.49
WM/EE3015G	3.0 GPM @ 1500 PSI	3.0 HP	230V/1PH/12A	GP Pump	\$ 854.85
WM/EE4020G	4.0 GPM @ 2000 PSI	6.0 HP	230V/1PH/26A	GP Pump	\$ 1,414.04

COUGAR AC SERIES

ALLISON IRON HORSE



EE2015G



S/EE3035A

SKID MOUNT

STANDARD FEATURES

- Revolutionary aircraft grade aluminum frame with dual handles (no welds to fail)
- Lifetime frame warranty
- 50 mesh inlet filter
- Adjustable pressure unloader
- Pneumatic tires
- Dual padded shock absorbing feet
- 3/4" cold-rolled steel axle
- Thermo-sensor (prevents overheating in bypass mode)
- Commercial/Industrial grade motors
- 115 volt units include GFCI w/36' cord w/plug
- 230 volt units include 12' cord (no plug)

NOTE: All units are completely factory assembled, tested in the USA, and delivered ready to operate. All units are single phase electric power.

STANDARD ACCESSORIES

- Gun/wand assembly w/quick connects
- 50' high pressure hose w/quick connects
- Chemical injector assembly w/quick connects
- 4 color-coded QC spray nozzles
- 1 color-coded QC chemical nozzle

AVAILABLE OPTIONS

Skid Mount - Precede model with S/
Example: S/EE3035A

UPS-Shipping Carton: No Extra Charge
Includes: Specially designed protective carton and contractor grade two piece gun-wand assembly. Order standard model and add UPS suffix after model. Example: EE3015G-UPS
NOTE: Only 1.5 HP, 2 HP and 3 HP cart models can ship UPS

ELECTRIC DIRECT DRIVE MODELS

EE2012G	2.0 GPM @ 1200 PSI	1.5 HP	115V/1PH/13A	GP Pump	\$ 769.92
EE2015G	2.0 GPM @ 1500 PSI	2.0 HP	115V/1PH/18A	GP Pump	\$ 776.52
EE3015G	3.0 GPM @ 1500 PSI	3.0 HP	230V/1PH/12A	GP Pump	\$ 879.40
EE4020G	4.0 GPM @ 2000 PSI	6.0 HP	230V/1PH/26A	GP Pump	\$ 1,438.95
EE3030A	3.0 GPM @ 3000 PSI	6.0 HP	230V/1PH/26A	AR Pump	\$ 1,435.85
EE3530G	3.5 GPM @ 3000 PSI	7.5 HP	230V/1PH/35A	GP Pump	\$ 1,564.22
EE3035A	3.0 GPM @ 3500 PSI	7.5 HP	230V/1PH/35A	AR Pump	\$ 1,595.27
EE4035A	4.0 GPM @ 3500 PSI	10 HP	230V/1PH/44A	AR Pump	\$ 1,799.25
EE3540A	3.5 GPM @ 4000 PSI	10 HP	230V/1PH/44A	AR Pump	\$ 1,828.47

ELECTRIC DIRECT DRIVE - 50 HZ MODELS

EE3020G50HZ	3.0 GPM @ 2000 PS	5.0 HP	230V/1PH/25A	GP Pump	\$ 1,518.73
EE3030G50HZ	3.0 GPM @ 3000 PSI	6.0 HP	230V/1PH/37A	GP Pump	\$ 1,742.55
EE3530G50HZ	3.5 GPM @ 3000 PSI	7.5 HP	230V/1PH/42A	GP Pump	\$ 1,826.79

MUSTANG AC SERIES

ALLISON IRON HORSE



B4030E1CP307

STANDARD FEATURES

- Revolutionary aircraft grade aluminum frame with dual handles (no welds to fail)
- Lifetime frame warranty
- Easy access tip holder/gun holder/hose hanger on handle
- Epoxy powder coated finish
- 10,000 hour rated Gates polychain cogged belt (two year warranty)
- 50 mesh inlet water filter
- Adjustable pressure unloader
- Oversize pneumatic tires
- Dual spring cushioned shock absorbing feet
- 3/4" cold-rolled steel axle
- Low speed pump and thermo-sensor (prevents overheating in bypass mode)
- TEFC Commercial/Industrial motors
- Mag Starter assembly, w/thermal overload, and start-stop buttons in NEMA enclosure w/12' power cord (no plug)

NOTE: 8 GPM units set up for tank feed. All units are completely factory assembled, tested in the USA, and delivered ready to operate.

STANDARD ACCESSORIES

- Gun/wand assembly w/quick connects
- 50' high pressure hose w/quick connects
- Maxi-Flo 20% chemical injector assembly w/quick connects
- 4 color-coded QC spray nozzles
- 1 color-coded QC chemical nozzle

AVAILABLE OPTIONS

Skid Mount - Precede model with S/
Example: S/B5535E3G303

Block Mounted K7 Unloader.

3500 psi max. List: \$200.00

*Auto Start/Stop (230V).

List: \$535.00

*Auto Start/Stop w/time delay-consult factory

*460V available – consult factory

***NOTE:** Review specs for models with Auto Start/Stop options as these units are custom made and

NONCANCELABLE & NONRETURNABLE

ELECTRIC POLYCHAIN BELT DRIVE MODELS

B4020E1A303	4.0 GPM @ 2000 PSI	5.0 HP	230V/1PH/25A	AR Pump	\$ 2,156.26
B4020E1CP307	4.0 GPM @ 2000 PSI	5.0 HP	230V/1PH/25A	CAT Pump	\$ 1,948.68
B4020E1G303	4.0 GPM @ 2000 PSI	5.0 HP	230V/1PH/25A	GP Pump	\$ 1,895.98
B4020E3A303	4.0 GPM @ 2000 PSI	5.0 HP	230V/3PH/12A	AR Pump	\$ 2,055.54
B4020E3CP307	4.0 GPM @ 2000 PSI	5.0 HP	230V/3PH/12A	CAT Pump	\$ 1,910.06
B4020E3G303	4.0 GPM @ 2000 PSI	5.0 HP	230V/3PH/12A	GP Pump	\$ 1,852.66
B4030E1A303	4.0 GPM @ 3000 PSI	7.5 HP	230V/1PH/33A	AR Pump	\$ 2,203.91
B4030E1CP307	4.0 GPM @ 3000 PSI	7.5 HP	230V/1PH/33A	CAT Pump	\$ 2,059.87
B4030E1G303	4.0 GPM @ 3000 PSI	7.5 HP	230V/1PH/33A	GP Pump	\$ 1,998.14
B4030E3A303	4.0 GPM @ 3000 PSI	7.5 HP	230V/3PH/17A	AR Pump	\$ 2,046.52
B4030E3CP307	4.0 GPM @ 3000 PSI	7.5 HP	230V/3PH/17A	CAT Pump	\$ 1,898.14
B4030E3G303	4.0 GPM @ 3000 PSI	7.5 HP	230V/3PH/17A	GP Pump	\$ 1,843.99
B4035E3A303	4.0 GPM @ 3500 PSI	10 HP	230V/3PH/23A	AR Pump	\$ 2,196.33
B4035E3CP307	4.0 GPM @ 3500 PSI	10 HP	230V/3PH/23A	CAT Pump	\$ 2,171.42
B4035E3G303	4.0 GPM @ 3500 PSI	10 HP	230V/3PH/23A	GP Pump	\$ 1,990.92
B5535E3A309	5.5 GPM @ 3500 PSI	15 HP	230V/3PH/34A	AR Pump	\$ 2,508.23
B5535E3G303	5.5 GPM @ 3500 PSI	15 HP	230V/3PH/34A	GP Pump	\$ 2,130.63
B8035E3G100	8.0 GPM @ 3500 PSI	20 HP	230V/3PH/46A	GP Pump	\$ 3,158.03
B4040E3G303	4.0 GPM @ 4000 PSI	15 HP	230V/3PH/34A	GP Pump	\$ 2,411.85
B4540E3C307	4.5 GPM @ 4000 PSI	15 HP	230V/3PH/34A	CAT Pump	\$ 2,738.19

AVENGER AC SERIES

ALLISON IRON HORSE



B5550E3G511

STANDARD FEATURES

- Revolutionary aircraft grade aluminum frame with dual handles (no welds to fail)
- Lifetime frame warranty
- Easy access tip holder/gun holder/hose hanger on handle
- Epoxy powder coated finish
- 10,000 hour rated Gates polychain cogged belt (two year warranty)
- 50 mesh inlet water filter
- Adjustable pressure unloader
- Oversize pneumatic tires
- Dual spring cushioned shock absorbing feet
- 3/4" cold-rolled steel axle
- Low speed pump and thermo-sensor (prevents overheating in bypass mode)
- TEFC Commercial/Industrial motors
- Mag Starter assembly, w/thermal overload, and start-stop buttons in NEMA enclosure w/12' power cord (no plug)

NOTE: All units are completely factory assembled, tested in the USA, and delivered ready to operate.

STANDARD ACCESSORIES

- Gun/wand assembly w/quick connects
- 50' high pressure hose w/quick connects
- 4 QC spray nozzles

NOTE: Chemical injector is not included on 5000, 6000 & 7000 PSI units (See Available Options).

AVAILABLE OPTIONS

Skid Mount - Precede model with S/
Example: S/B5550E3G511

ACI5000 5000 PSI Chemical Injector Assembly. List: \$118.79

ACI6000 6000 PSI Chemical Injector Assembly. List: \$185.99

*Auto Start/Stop (230V).

List: \$535.00

*Auto Start/Stop w/time delay-consult factory.

*460V available – consult factory

***NOTE:** Review specs for models with Auto Start/Stop options as these units are custom made and **NONCANCELABLE & NONRETURNABLE.**

See pages 22 & 23 for the full line of Whisper Wash flat surface cleaners

Don't see exactly what you need? Call Your Pressure-Pro.

We welcome

CUSTOM ORDERS!

ELECTRIC POLYCHAIN BELT DRIVE HP MODELS

B4550E3G511	4.5 GPM @ 5000 PSI	20 HP	230V/3PH/46A	GP Pump	\$ 3,306.04
B5550E3G511	5.5 GPM @ 5000 PSI	20 HP	230V/3PH/46A	GP Pump	\$ 3,280.49
B4560E3G600	4.5 GPM @ 6000 PSI	20 HP	230V/3PH/46A	GP Pump	\$ 4,496.93
B4070E3A700	4.0 GPM @ 7000 PSI	20 HP	230V/3PH/46A	AR Pump	\$ 5,633.20
B4070E3G700	4.0 GPM @ 7000 PSI	20 HP	230V/3PH/46A	GP Pump	\$ 4,933.69

HERCULES AC SERIES

U-Build Your Own Pressure Washer

Systems Include:
 13 HP Engine
 Low-Oil Shutdown
 Industrial Pump
 2 Wheel Cart
 Unloader
 Thermal Relief
 Pressure Relier

Does not include:
 Injector,
 Hose, Gun, Nozzles
 Minor Assembly Required



\$799.00
 w/ZONGSHEN
4.0 GPM
3500 PSI
 #9920 Net Price

\$999.00
 w/HONDA
4.0 GPM
3500 PSI
 #9869 Net Price

Pressure Gauges

- Stainless Steel case
- 2-1/2" Face
- Bottom 1/4" Mount
- Glycerine filled



PART #	DESCRIPTION	NET PRICE
1130	PRESSURE GAUGE, 3,000 PSI	\$ 9.95
1131	PRESSURE GAUGE, 4,500 PSI	\$ 9.95
1132	PRESSURE GAUGE, 6,000 PSI	\$ 9.95
1133	PRESSURE GAUGE, 10,000 PSI	\$ 9.95



PART # 1233

'QC' Pressure Test Tool

- Connect between the unloader and hose
- 6,000 PSI



PART # 1232

PART #	DESCRIPTION	NET PRICE
1232	QUICK CONNECT TESTER BODY (NO GAUGE)	\$ 5.75
1233	QUICK CONNECT TESTER w/ GAUGE	\$ 11.75

PUMP HEAD PRESSURE TESTER



PART #	PRICE
1229	\$ 49.40

- Not sure why you are losing pressure
- Remove Unloader and attach direct to head
- INSTALL CORRECTLY SIZED NOZZLE
- Hold trigger securely and start engine and see exactly what you pump is capable of producing

A 'MUST HAVE' TOOL!

QUADRA-PRO

65 HP KUBOTA DIESEL
The **ULTIMATE** in

HIGH PRESSURE CLEANING
&
SEWER JETTING

PRESSURE TO 5,000 PSI

UP TO 25 GPM

CALL FOR QUOTE



How many ways can we make KOHLER POWER & PERFORMANCE a part of your business?

20 AMP
Recharge



The prices below are for
Engine, Pump & Specified Base

(No Base, Base Plate Only or 2-Wheel Cart)

a-la-carte extras:

*Gun, Hose, Lance,
Injector, Nozzles & 'QC's'*

#PWGP-4000 - \$97.22

*Unloader, Water Filter
and required plumbing & testing*

#PWUP-4000 - \$100.00

BOLTS TO FLOOR

Engine: **KOHLER 18**
PSI: **3,500** GPM: **5.5**

Drive: **DIRECT**
PUMP: **5540HD**

\$1,386.68

#BTF3555-DD

BASE PLATE ONLY

Engine: **KOHLER 18**
PSI: **3,500** GPM: **5.5**

Drive: **DIRECT**
PUMP: **5540HD**

\$1,411.00

#BPO3555-DD

2-WHEEL CART

Engine: **KOHLER 18**
PSI: **3,500** GPM: **5.5**

Drive: **DIRECT**
PUMP: **5540HD**

\$1,497.68

#TWC3555-DD

BOLTS TO FLOOR

Engine: **KOHLER 18**
PSI: **3,500** GPM: **5.5**

Drive: **GEAR**
PUMP: **TS2021B**

\$1,565.12

#BTF3555-GD

BASE PLATE ONLY

Engine: **KOHLER 18**
PSI: **3,500** GPM: **5.5**

Drive: **GEAR**
PUMP: **TS2021B**

\$1,585.12

#BPO3555-GD

2-WHEEL CART

Engine: **KOHLER 18**
PSI: **3,500** GPM: **5.5**

Drive: **GEAR**
PUMP: **TS2021B**

1,652.12

#TWC3555-GD

BOLTS TO FLOOR

Engine: **KOHLER 18**
PSI: **2,800** GPM: **7.0**

Drive: **GEAR**
PUMP: **TSF2021**

\$1,745.62

#BTF2870-GD

BASE PLATE ONLY

Engine: **KOHLER 18**
PSI: **2,800** GPM: **7.0**

Drive: **GEAR**
PUMP: **TSF2021**

\$1,765.32

#BPO2870-GE

2-WHEEL CART

Engine: **KOHLER 18**
PSI: **2,800** GPM: **7.0**

Drive: **GEAR**
PUMP: **TSF2021**

\$1,831.32

#TWC2870-GD

BOLTS TO FLOOR

Engine: **KOHLER 18**
PSI: **2,300** GPM: **8.5**

Drive: **GEAR**
PUMP: **TSF2221**

\$1,745.62

#BTF2385-GD

BASE PLATE ONLY

Engine: **KOHLER 18**
PSI: **2,300** GPM: **8.5**

Drive: **GEAR**
PUMP: **TSF2221**

\$1,765.32

#BPO2385GD

2-WHEEL CART

Engine: **KOHLER 18**
PSI: **2,300** GPM: **8.5**

Drive: **GEAR**
PUMP: **TSF2221**

\$1,831.32

#TWC2385GD

BOLTS TO FLOOR

Engine: **KOHLER 18**
PSI: **2,000** GPM: **10.0**

Drive: **GEAR**
PUMP: **TSF2421**

\$1,802.56

#BTF2010-GE

BASE PLATE ONLY

Engine: **KOHLER 18**
PSI: **2,000** GPM: **10.0**

Drive: **GEAR**
PUMP: **TSF2421**

\$1,822.56

#BPO2010-GD

2-WHEEL CART

Engine: **KOHLER 18**
PSI: **2,000** GPM: **10.0**

Drive: **GEAR**
PUMP: **TSF2421**

\$1,888.56

#TWC2010-GD

THERE IS A DIFFERENCE BECAUSE THERE IS ALLISON IRON HORSE



MOELLER
marine products
FUEL TANK

Are you up to Code
or are you using a 5 gallon
'soap bucket' as your Gas Can?
BE SAFE - NOT SORRY
Part Number #4121 \$59.95

This 'Long Run', 9 Gallon Tank will give you hours and hours of run time. When it is empty simply remove the hose from the tank with two fingers, pick it up by the convenient moulded handle

**EXHAUST HOOD
PRESSURE WASHER**

2.1 GPM - 1,500 PSI



All you need is a place to plug it in & then use their

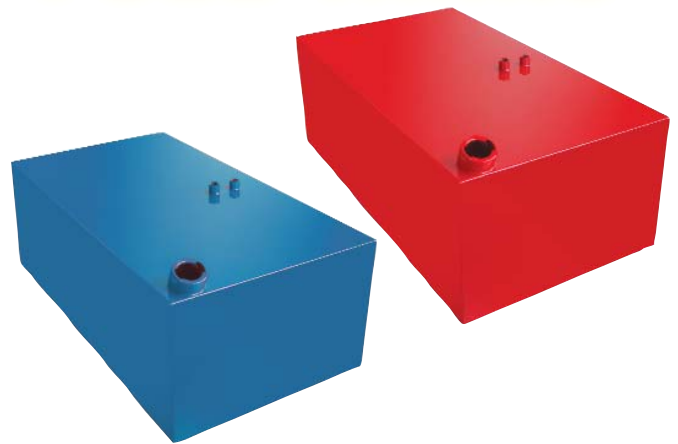
HOT WATER!

**Hi-Temp Kit
Installed**

**#9830
w/Hot Water Kit
\$658.95
NET**

- COMES EQUIPPED WITH:**
- Triplex Pump w/ ceramic plungers
 - Pressure adjustment
 - Built-in detergent suction
 - Motor thermal protector
 - 25' Hose, gun, lance
 - Vari-spray nozzle head
 - Garden hose adapter w/filter
 - 90' GFCI Cord • 115 Volt Motor
- (Guage Not Included)

**ALLISON
24 GALLON
FUEL TANKS**



PART #	DESCRIPTION	NET PRICE
9400	RED 24 Gallon Tank for GAS ONLY	\$ 199.95
9401	BLUE 24 Gallon Tank for Diesel & Kerosene	\$ 199.95

Mounting Hardware, Cap and Fuel Pick-up Tube included

Includes 1/4" Bottom Drain

31.5" Long 17" Wide 11" High

SAVE 10% ON E-MAIL/FAX ORDERS UNLESS 'NET' PRICE APPEARS

Are you going to take advantage of our poor math?

This is great if you already have a good pump.

Just 8 bolts is all that is needed to set-up your new washer.

13 HP Honda.....



HONDA
ENGINES
with
Low Oil
Shutdown

Part Number
9813

\$796.87

+

\$129.95

=

The Industry's Best Buy!

That's Right!
A \$926.00 VALUE
for the
Low, Low Price
of...



\$549.95 NET

or - how about this?

This is great if you already have a good pump.

Just 8 bolts is all that is needed to set-up your new washer.

13 HP ZongShen...



with
Low Oil
Shutdown

Part Number
9831

\$479.95

+

\$129.95

=

The Industry's Best Buy!

That's Right!
A \$610.00 VALUE
for the
Low, Low Price
of...



\$349.95 NET

ALLISON IRON HORSE BELT DRIVE SPACE SAVER SKID



SYSTEM SPECIFICATIONS				
P/N	Engine	Pump	Specs	NET PRICE
PS5535	20 HONDA	GENERAL	5.5 GPM @ 3500 PSI	\$2961.54
PS5550	24 HONDA	GENERAL	5.5 GPM @ 5000 PSI	\$3291.07
PS8035	24 HONDA	GENERAL	8.0 GPM @ 3500 PSI	\$3291.07
PS8530	24 HONDA	GENERAL	8.5 GPM @ 3000 PSI	\$3291.07
PS1220	24 HONDA	GENERAL	12 GPM @ 2000 PSI	\$3291.07

Sewer Jetting Valve Add \$200.00

SAVE 10% ON E-MAIL/FAX ORDERS UNLESS 'NET' PRICE APPEARS

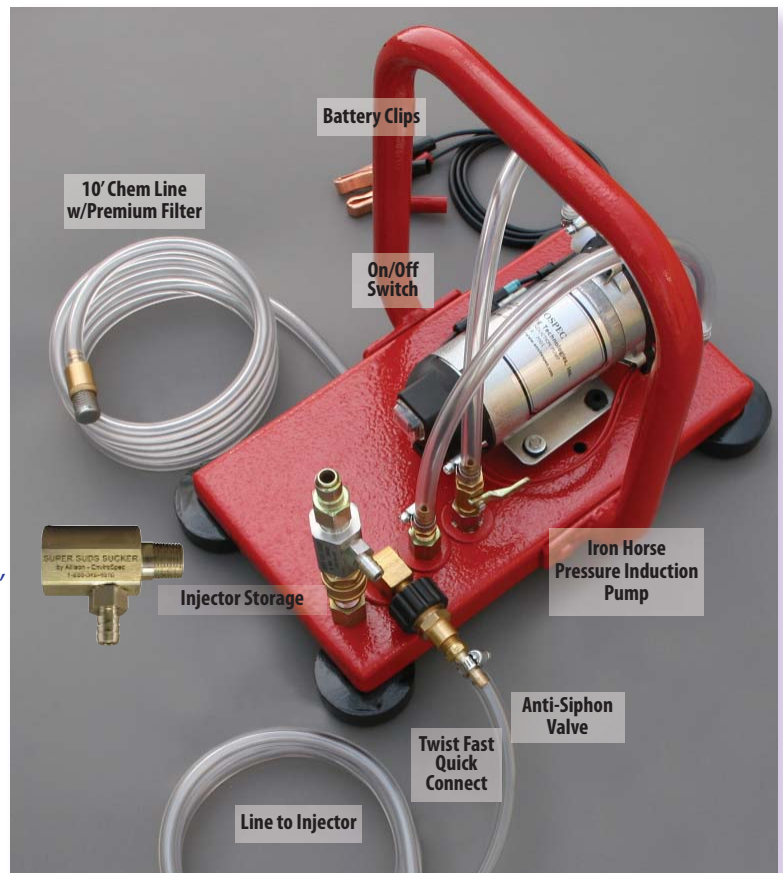
ALLISON IRON HORSE CHEMICAL INDUCTION SYSTEM

12 Volt, High Volume Comes Complete with:

- Allison High Induction Chemical Injector
- 4 additional, easily interchangeable injector nozzles that will allow you to use this system on any pressure washer from 2 GPM thru 10 GPM.
- Induction Pump mounted on a convenient 'hand carry' base plate.
- This System can be detached from the Chemical Injector and utilized to spray undiluted chemical when you purchase Part #1596

*The Injector comes set up with convenient 'quick connects' To be used with pressure type unloaders only.
Not sure what you have? Call!*

PART #	DESCRIPTION	NET PRICE
1595	CHEMICAL INDUCTION SYSTEM, 12V	\$ 179.95
1671	REPLACEMENT INDUCTION PUMP	\$ 99.95
2351	REPAIR KIT - DIAPHRAGM ASSEMBLY	\$ 66.87
2352	PRESSURE SWITCH	\$ 21.92



Chemical Applicator Assembly

with Stainless Steel Lance, 100' Poly-braid Hose & Anti-Siphon Valve.

The biggest complaints "EVER" with chemical injectors are:

1. With more than 125' of hose they won't draw chemical!
2. Although it is a 20% injector it doesn't draw enough chemical!
3. I wish I didn't have to use a 'pump-up' to apply bleach!

NOW YOUR HEADACHES ARE BEHIND YOU!

The Allison Chem-Inductor which includes the Allison Super Suds Sucker Injector allows you to draw an incredible amount of chemical.

The following test was based on using a typical injector advertised to draw at 20% (NOT OURS) mounted on a TS-2021 General Pump running at 5.6 GPM.

- | | |
|---|--------------------------|
| 1. With 100' of hose - INJECTOR ONLY | 63 oz. of chem per min. |
| 2. With 100' of hose - WITH CHEM INDUCTOR | 204 oz. of chem per min. |
| Now Check This Out! | |
| 3. With 500' of hose - Competitors 20% Injector | 0 oz. of chem per min. |
| 4. With 500' of hose - WITH CHEM INDUCTOR | 204 oz. of chem per min. |

This means that regardless of which problem you are having you will still induct almost 2 gallons of chemical per minute into the system. Never again will you have to apply the product 2 or 3 times to get the job done. Now you'll be on your way after the first pass. Roof Cleaners using bleach really love this system.

No more 'pump-up' or 'back-pac' sprayers to lug around!



PART #	DESCRIPTION	NET PRICE
1596	CHEMICAL INDUCTION HOSE/WAND ASSEMBLY	\$ 74.95

SAVE 10% ON E-MAIL/FAX ORDERS UNLESS 'NET' PRICE APPEARS

ALLISON IRON HORSE CHEMICAL INDUCTION SYSTEM

Same as the 1595 System to the left except with a convenient battery compartment.

If you can't get the chemical
to the surface...
...you may as well stay home!

Read the introduction on previous page.



Comes with:

10' Chem Line
w/Premium Filter

'Super Suds Sucker'
Injector

Injector Storage
Hanger

Use Chem Applicator

#1596

on previous page

for spraying

CHLORINE

or

CORROSIVE

EXHAUST HOOD

CLEANERS

*You may need the convenience
of a battery when...*

*you can't get your rig
to the rear of the house or you
need to remove the system from
the trailer and work inside
of a restaurant.*

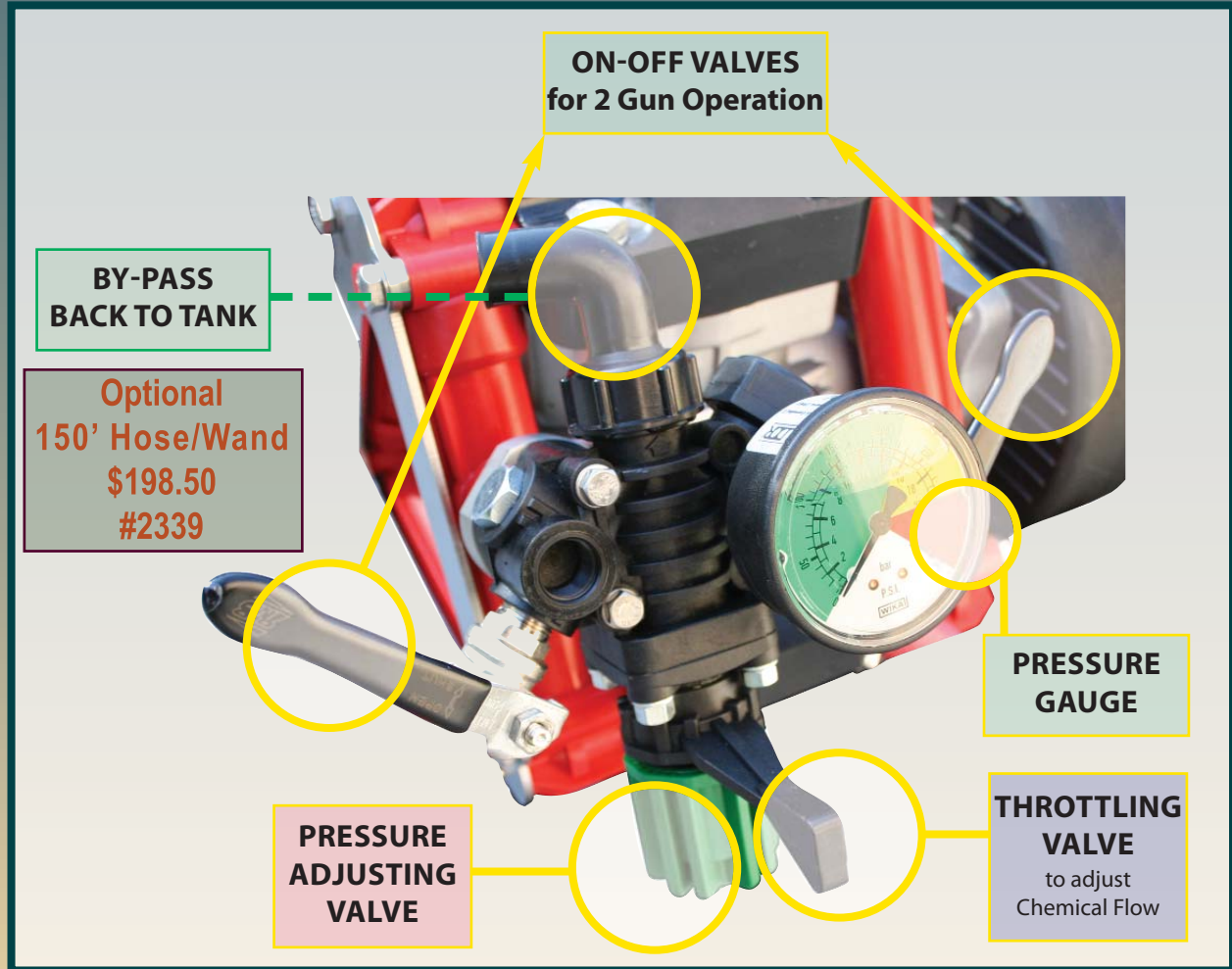
**EnviroSpec, Allison Iron Horse and John Allison have
brought more innovations to the industry in the last
20 years than any other company.**

Here is just one more example!

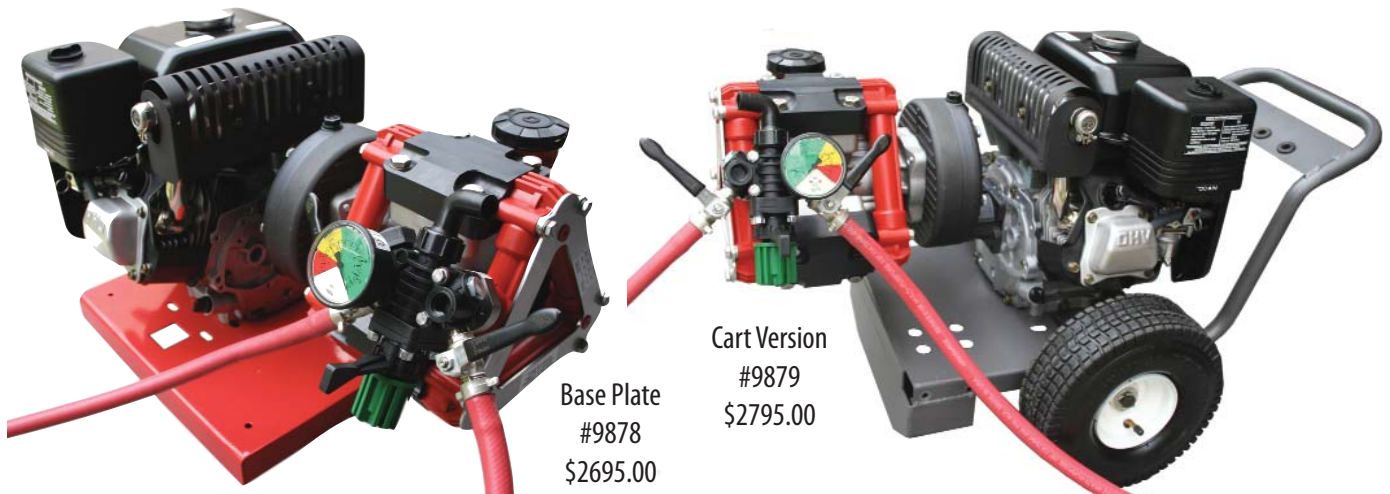
PART #	DESCRIPTION	NET PRICE
2244	ALLISON CHEM. INDUCTION SYS., 12V, w/Battery Box	\$ 249.95
L = 11.25 / W = 7.00 / H = 17.50 / Weight w/o BATTERY 21.85 Lbs.		

Up to 10 GPM
Up to 300 PSI

CYCLONE BY: ALLISON



**SORRY! NO TOYS ALLOWED.
...this area is for real CHLORINE PUMPERERS!**



Master Card, VISA, AMEX, Discover ○ 1-800-346-4876 ○ Minimum Order \$50.00



MOSMATIC FLAT SURFACE CLEANERS

○ SS Guard for extra strength & stability. Adjustable impact range guarantees an efficient cleaning on any type of surface & allows for a side to side sweeping action.

○ Four 2¹/₄" SS castors with custom mounting ensure easy maneuvering even in tight places.

7750

7751

Uses 1/8" MEG Nozzles
Not Included

PART NUMBER	7750	7751	7752	7753	7754	7755
Stainless Steel Housing	21"	30"	21"	21"	21"	30"
Maximum Pressure	4000	4000	4000	4000	7300	4000
Maximum Temperature	250	250	250	250	250	250
Weight	31 lbs	46 lbs	24 lbs	27 lbs	27 lbs	35 lbs
Rotor Arms	2	3	2	2	2	3
Relax Action Gun	Yes	Yes	Yes	Yes	--	Yes
Replacement Swivel	7756	7756	7756	7756	7757	7756
Replacment Castors (1)	7758	7758	--	7759	7759	7759

	P/N	Net Price
	7755	\$ 740.65
	7753	\$ 543.98
	7754	\$ 654.92
	7752	\$ 543.98
	7753	\$ 610.54
	7754	\$ 654.92
	7755	\$ 740.65
	7756	\$ 173.97
	7757	\$ 199.10
	7758	\$ 23.95
	7759	\$ 39.95

SAVE 10% ON E-MAIL/FAX ORDERS UNLESS 'NET' PRICE APPEARS

LASER DECK FLAT SURFACE CLEANERS

SEMI-PROFESSIONAL LASER DECK



NET PRICE

12 INCH

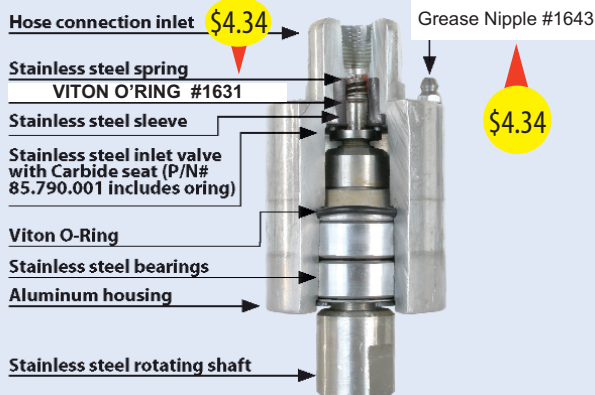
- Use with an optional spray gun kit
- Attach to a longwand
- Attach to a spray lance



1850	DECK / 2 Nozzles Required	\$ 119.95	1628	GUN & HANDLE KIT	\$ 45.22
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LASER DECK ROTARY HEAD BREAKDOWN

WHIRL-A-WAY ROTARY HEAD BREAKDOWN



Nozzle sizing: Take your normal nozzle and divide it by the number of nozzles required on the unit.

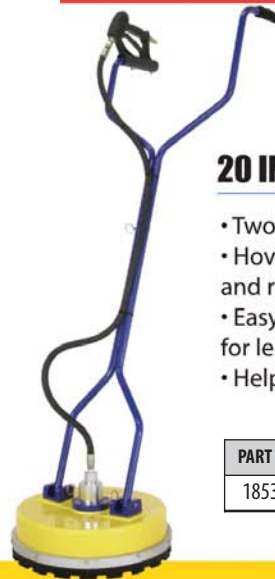
**DECKS
DO NOT
INCLUDE
NOZZLES**

What nozzles should you be using? Look at your lance and see what nozzle you are presently using and divide that number by the number of bars on the surface cleaner.

For example: If you are using a #6 nozzle on your lance on a 3 bar system you will buy 3 #2 Nozzles if you have a 2 bar system you will buy 2 #3 nozzles.

20 INCH

- Two rotary cleaning arms
- Hover action ideal for cleaning rooftops and rough surfaces
- Easy to handle frame is designed for less operator fatigue
- Helps eliminate zebra striping



PART #	NOTES:	NET PRICE
1853	2 Nozzles Required	\$ 295.00

2-bar Configuration

STAINLESS STEEL

20 & 24 INCH

- Three rotary cleaning arms
- Comes with castors ideal for cleaning driveways and other large flat surfaces
- Stainless Steel design for maximum cleaning durability
- Easy to handle frame is designed for less operator fatigue
- Helps eliminate zebra striping



PART #	NOTES:	NET PRICE
1845	20" - 2 Nozzle Bar (No Nozzles)	\$ 434.00
1846	20" - 3 Nozzle Bar (No Nozzles)	\$ 444.00
1847	24" - 2 Nozzle Bar (No Nozzles)	\$ 494.00
1848	24" - 3 Nozzle Bar (No Nozzles)	\$ 500.00



P-SWEEP HYDRO-BROOM

Ours Includes The Nozzles!

PART #	DESCRIPTION	Noz	PRICE
1886	12" Sweep Only	3	\$23.95 NET
1888	16" Sweep Only	4	\$29.95 NET

PART #	DESCRIPTION	Noz	PRICE
1887	12" w/48" Lance & Gun	3	\$57.14
1889	16" w/48" Lance & Gun	4	\$62.64

LASER DECK PARTS

PART #	NOTES:	PRICE
1641	Rotary Head for 12"	\$ 27.42
1632	Rotary Head for 16", 20", 22" & 20"-24" Stainless	\$ 153.79
1633	Rotary Head for 18"	\$ 175.77
1649	Rotary Arm for 12" 2-Bar	\$ 24.12
1645	Rotary Arm for 16" 2-Bar	\$ 32.91
1644	Rotary Arm for 18" 2-Bar	\$ 32.91
1648	Rotary Arm for 20" 2-Bar	\$ 25.22
1647	Rotary Arm for 20" 3-Bar	\$ 43.90
2337	Rotary Arm for 24" 2-Bar	\$34.01
1646	Rotary Arm for 24" 3-Bar	\$ 54.89
1635	Rotary Head Kit for 16", 18", 20", 22", 24"	\$ 149.95
1642	Brush Skirt for 12"	\$ 38.41
1637	Brush Skirt for 20" ABS Plastic	\$ 76.87
1636	Brush Skirt for 16"	\$ 65.88
1638	Brush Skirt for LD20's	\$ 54.89
1639	Brush Skirt for LD24's	\$ 65.88
1634	Caster Wheel for 22"	\$ 21.92
2402	Caster Wheel for 18"	\$ 21.92
1640	Caster Wheel for LD24's	\$ 25.22
1626	Gun for 16"	\$ 25.22
1627	Gun for 18", 20", 24"	\$ 25.22

PSWEEP12 - SMALL



Replacement Nozzle
NOS-05013M \$3.29
(3 Required)

PSWEEP16 - LARGE



Replacement Nozzle
NOS-05013M \$3.29
(4 Required)



Non-Adjustable
Steel Eagle



Our Steel Eagles are equipped with a
DUEBLIN SWIVEL

We recommend a 24" max if you
are using a 5 GPM or less machine.

PART #	NOTES:	PRICE
3751	24" 2-Bar (Noz Not Inc.)	\$ 959.07
3752	24" 3-Bar (Noz Not Inc.)	\$ 983.79
3753	24" 4-Bar (Noz Not Inc.)	\$ 1075.00
3754	30" 2-Bar (Noz Not Inc.)	\$ 988.74
3755	30" 3-Bar (Noz Not Inc.)	\$ 1010.99
3756	30" 4-Bar (Noz Not Inc.)	\$ 1087.64
3757	30" 2-Bar Adj. Height (Noz Not Inc.)	\$ 1208.79
3758	30" 3-Bar Adj. Height (Noz Not Inc.)	\$ 1231.04
3759	30" 4-Bar Adj. Height (Noz Not Inc.)	\$ 1307.69



Adjustable Height
Steel Eagle



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TECHNICAL DATA - TRIGGER GUNS

Most pressure Washes come equipped with a pistol style trigger gun. Because this is the trigger gun that manufacturers supply, it is the industry standard. There are other options that can be a better choice. There are also trigger guns that are better in specialized cleaning applications than others.

Basic Function:

A trigger gun provides an operator with a grip that is designed so the human hand can hold it comfortably. Some designs do a better job providing comfort than others. There are pistol style guns, straight through style guns, front and rear entry guns, open guns, and dump guns. When using any type gun that can stop the water flow, a pressure washer must be equipped with an unloader valve. Using an open gun, or a dump gun eliminates the need for an unloader valve. A pressure relief valve should be installed on equipment regardless of the gun type used, but it is most important when there is no unloader valve.

Trigger guns have an inlet port where they are attached to the high-pressure hose. Industry standard for the size of the inlet port is 3/8". The industry standard size of a trigger gun outlet port is 1/4". The two ports are connected together allowing the water to flow through. An open gun simply provides a grip for the operator while allowing the water to pass thru. Dump guns divert water either to the high-pressure nozzle installed on the center outlet port when the trigger is depressed, or to a pipe around the center outlet port when the trigger is released. Because there is no restrictive nozzle to create pressure in dump mode, the water escapes under low pressure.

The most common trigger guns are those that are used in conjunction with an unloader valve. These trigger guns have a spring, ball and seat that controls the water flow. The operator controls the spring, ball and seat with the trigger. A variation on a standard trigger gun is called a weep gun. The weep gun continues to allow a very small amount of water to pass through the trigger gun when it is in the closed position. This is useful in situations where freezing is a possibility. Enough water continues to move to prevent freeze up.

When the most common type of trigger gun is in the closed position, with the trigger released, the water flow through the gun is stopped. Inside, the ball is held against the seat by the spring and water. The unloader valve is in by-pass mode when the trigger gun is closed. The water circulates in the by-pass loop from the pump to the unloader valve and then back to the pump. The trigger gun is opened when the operator depresses the trigger. The force of the water and spring is overcome and the ball is pushed away from the seat. When the unloader senses the demand for water, it sends the water to the gun and bypasses only a small amount. When the trigger is released again, the spring and water pressure seal the ball to the seat and the unloader cycles back into by-pass.

Trigger Guns Are For Safety:

Pressure Washes today operate at pressure ranges that can be dangerous if not controlled properly. A trigger gun is designed to close if dropped by an operator. Don't defeat this safety feature by fastening the trigger in the open position. The use of an open gun can be dangerous, even when operating at fairly low pressure. Should a piece of debris lodge in the nozzle the pressure can increase. This can create a dangerous situation. The reason most people use an open gun or fasten a trigger in the open position is to avoid hand fatigue. If this is a problem, look into different styles of trigger guns, like easy pull trigger guns or straight through trigger guns, rather than creating the potential for injury or damage.

Gun Styles:

Most all pressure Washes are equipped from the factory with a pistol style trigger gun. Don't spend your life using it because they sent it that way. It seems most manufacturers don't have the time invested using different types of trigger guns to understand that other styles are ergonomically more beneficial to the operator. Or perhaps they don't think it is worth going against what is considered standard, or the norm. Fortunately, we don't think that way. Here are the various gun styles with advantages and disadvantages detailed.

(Continued 1 Page Over)

NEW FOR '09

Hi-Tech 5000

AWESOME GUN!



Easy Pull
Relax Grip
Design

GPM: 9
PSI: 5000 PSI
TEMP: 300° F

PART #	DESCRIPTION	PRICE
1208	HI-TECH 5000 NET PRICE	\$ 19.95
1747	REPAIR KIT (CERAMIC BALL ONLY)	\$ 5.49

HI-TECH 501 GUN

FEATURED GUN

Permissible Rating
4,500 PSI - 300°F



Easy Access
Repair Kit Panel



Easy Pull
Relax Grip
Design

PART #	DESCRIPTION	PRICE
1209	HI-TECH 501 GUN NET PRICE	\$ 14.95
1749	REPAIR KIT (CERAMIC BALL ONLY)	\$ 5.49

Hi-Tech 804

GPM: 8
PSI: 4200 PSI
TEMP: 300° F



PART #	DESCRIPTION	PRICE
1225	HI-TECH 804 NET PRICE	\$ 22.95
1749	REPAIR KIT (CERAMIC BALL ONLY)	\$ 5.49

Hi-Tech 4100

Super Easy Pull!

GPM: 13.2
PSI: 4100 PSI
TEMP: 320° F



PART #	DESCRIPTION	PRICE
1204	HI-TECH 4100 NET PRICE	\$ 42.95
1745	REPAIR KIT (CERAMIC BALL ONLY)	\$ 5.49

Hi-Tech 5700

Super Easy Pull!

GPM: 8
PSI: 5700 PSI
TEMP: 320° F



PART #	DESCRIPTION	PRICE
1206	HI-TECH 5700 NET PRICE	\$ 46.95
1744	REPAIR KIT (CERAMIC BALL ONLY)	\$ 5.49

YG 5000

GPM: 11
PSI: 5000 PSI
TEMP: 300° F



Chlorine Version Available!

PART #	DESCRIPTION	PRICE
1220	YG5000 NET PRICE	\$ 24.95
1221	YG5000 Chlorine Version	\$ 32.91
1747	REPAIR KIT (CERAMIC BALL ONLY)	\$ 5.49

**YG4000S
Lenier**

GPM: 10
PSI: 5000 PSI
TEMP: 300° F



PART #	DESCRIPTION	PRICE
1218	YG4000S	\$ 29.62
1747	REPAIR KIT (CERAMIC BALL ONLY)	\$ 5.49
1219	Complete Repair Kit	\$ 15.95

**Hi-Tech 6000
Lenier**

GPM: 10
PSI: 5000 PSI
TEMP: 300° F



PART #	DESCRIPTION	PRICE
1222	HI-TECH 5000 LENIER NET PRICE	\$ 16.95
1747	REPAIR KIT (CERAMIC BALL ONLY)	\$ 5.49

Master Card, VISA, AMEX, Discover ○ 1-800-346-4876 ○ Minimum Order \$50.00

•Pistol Style Gun:

Perhaps 95% of all machines are sold with this type of trigger gun. It is the industry standard. This gun works well when used with a straight lance, or equipped with only a nozzle for close work, it allows the operator to hold the trigger open without undo stress on the forearm and wrist. For operators using a lance with a 20 to 45 degree bend at the nozzle end, this gun isn't the best choice. Using a pistol style gun combined with a lance with a bend requires the operator to work with the wrist and forearm twisted. This becomes very tiring and painful over time. Because a 45 degree bend on a lance provides even contact of the nozzle fan to the surface, consider using a straight through style gun.

•Straight Through Gun

This type of gun is commonly found on telescoping lance and gun combinations. Anytime a bent lance is used to wash vertical or horizontal surfaces a straight through trigger gun allows the operator to hold the trigger open without twisting the wrist and forearm. A 24-foot extension wand requires strength and effort to operate, that's why most of them use an ergonomically helpful straight through trigger gun.

•Easy Pull Pistol Style Trigger Gun (*such as our HI-TECH 4100 - 5700*):

This gun is a variation of the pistol style gun. The design allows the trigger to be pulled with less force than a standard pistol grip gun.

•Front Entry Trigger Gun

A front entry trigger gun provides a few advantages over traditional guns in some specialized circumstances. When high-pressure work is being done with a short lance in a stationary setting, the weight of the hose coming off the front of the gun can provide a counterbalance to the force of the water pressure. Underwater pressure washing is an industry niche in which the front entry gun provides stability to the operator. Another application is for low-pressure chemical application. A front entry gun tends to make it harder when moving around pulling pressure hose.

•Open Gun

An open gun is a pipe with a handle on it. It doesn't provide the ability to stop the water flow at the gun. These guns come in pistol style.

•Dump Gun

This type of gun dumps water out around the high-pressure nozzle until the trigger is pulled; it then directs the water flow to the nozzle.

Repair or Replacement:

Trigger Guns either get damaged because of rough handling, or the seat and ball get damaged or worn. The value of rebuilding a trigger gun is questionable. With most trigger guns selling for \$10.00 to \$29.00, they are generally a throw away and replace item. Rebuild kits are available and very easy to install. Unscrew and remove the grip. Unscrew the hex cap on top of the valve body. Remove the stem, spring, ball and o-ring. Replace with the new parts from the kit, installing them in the same order. Use thread seal on the threads of the valve body cap, reinstall, and then screw the molded grip back onto the inner gun assembly.

Sometimes debris gets caught in the valve assembly and stops the ball from seating properly. This causes the trigger gun to continue to allow water flow after the operator has released the trigger. Pulling and releasing the trigger a few times will fix this problem most of the time.

Notes:

- Guns come in different sizes, just like hands. Find a gun that is a comfortable size for the equipment operator.
- Trigger guns last longer if they are not dropped or thrown to the ground.
- The trigger gun grip also insulates the operator's hands from the hot water.
- Trigger Guns are high wear items regardless of the use environment. Don't expect any gun to last more than 200-300 hours.
- Trigger Guns will self destruct when used with bleach. Typically you can expect a gun to start leaking with as little as 5-20 hours when bleach is in the equation. You may want to use a very inexpensive gun when using bleach.

RL-5000 Gun

NEW FOR '09
A 'MUST TRY' GUN



**You will
LOVE THIS GUN!**

GPM: 10.5
PSI: 5000 PSI
TEMP: 320° F

PART #	DESCRIPTION	PRICE
3700	RL-5000 - INDUSTRIAL GUN NET PRICE	\$ 26.95
3701	REPAIR KIT (COMPLETE KIT)	\$ 14.95

HD-1000



GPM: 12
PSI: 4500 PSI
TEMP: 300° F

PART #	DESCRIPTION	PRICE
1226	HD-1000 NET PRICE	\$ 21.95
1227	HD-1000 Chlorine Version	\$ 32.91
1745	REPAIR KIT (CERAMIC BALL ONLY)	\$ 5.49

Front Entry Gun



GPM: 8.0
PSI: 3000 PSI
TEMP: 300° F

PART #	DESCRIPTION	PRICE
1203	Front Entry Gun	\$ 14.47

Arrow Line AL-35

SAFETY YELLOW!



GPM: 8
PSI: 5000 PSI
TEMP: 300° F

PART #	DESCRIPTION	PRICE
1695	ARROW LINE AL-35 NET PRICE	\$ 24.95
1747	REPAIR KIT (CERAMIC BALL ONLY)	\$ 5.49
4404	Complete Kit	\$ 14.95

Hi-Tech Gun No Trigger



GPM: 8
PSI: 4100 PSI
TEMP: 300° F

PART #	DESCRIPTION	PRICE
1223	Triggerless Gun Handle	\$ 17.53

24" 'Close Quarters' - Lance/Gun Assembly

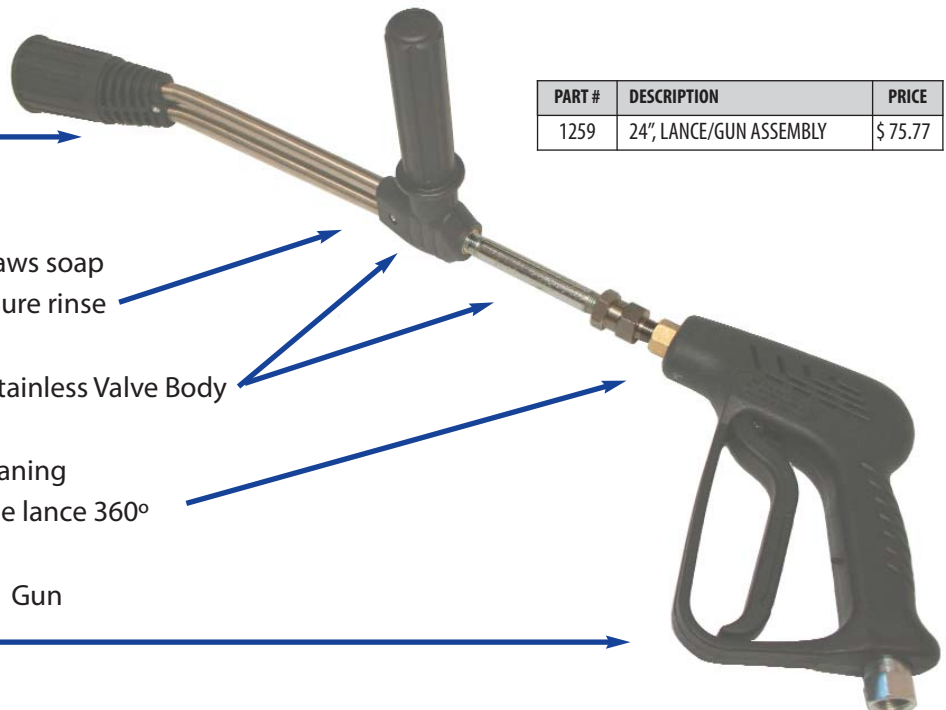
The bent end provides greater surface impact

Dual Valve Assembly when open draws soap and when closed goes to high pressure rinse

Light Weight Stainless Lances and Stainless Valve Body

5,000 PSI Stainless Swivel makes cleaning in close quarters a breeze - rotate the lance 360°

Comfortable, Relax-Grip Hi-Tech 501 Gun for long hours of operation



PART #	DESCRIPTION	PRICE
1259	24", LANCE/GUN ASSEMBLY	\$ 75.77

SAVE 10% ON E-MAIL/FAX ORDERS UNLESS 'NET' PRICE APPEARS

TECHNICAL DATA - UNLOADER VALVES

The Different Types of Unloaders

PRESSURE TYPE UNLOADER VALVES:

(Referred to as Trapped Pressure Unloaders)

Most pressure Washes use this type of unloader valve. It is the least complicated to use. This valve responds to the amount of pressure exerted on the by-pass valve. The unloader uses a seat, ball, and spring. These components control the flow of water into the by-pass port. When the operator has the trigger gun open, the water flows from the unloader inlet port to the outlet port, with only a small amount being by-passed. When the trigger gun is closed, the pressure increases as the pump continues to push water out. When the pressure becomes greater than the resistance of the spring, the ball moves off the seat and allows the water to go through the by-pass port. The by-pass valve opening is aided by a check valve in the outlet port that quickly diverts the water flow to the ball and seat of the unloader. The check valve in the outlet also traps the pressure in the hose giving the characteristic pop of pressure when the trigger gun is opened that is associated with a pressure type unloader. An adjustment knob or bolt allows adjustment of the springs tension on the ball by either compressing the spring down to create more resistance, or expanding the spring, thereby causing it to exert less pressure on the ball. When the spring is adjusted to create the maximum outlet pressure, little water enters the by-pass port. When the spring is expanded, lower water pressure can push the ball out of the way, thus allowing more water to by-pass even when the trigger gun is open. This reduces the flow of water to the gun, and of course the nozzle. Less water being forced through the nozzle reduces the pressure at the nozzle.

Advantages:

Pressure type unloaders are less sensitive to flow restrictions than flow type unloaders. This allows various orifice sizes to be used without cycling problems. Rebuilding kits are usually very simple and inexpensive, providing the ball, spring, and seals or gaskets.

Disadvantages:

The trapped pressure that creates the pop of pressure when the gun is opened is a big disadvantage. It can be dangerous when the operator is working from a ladder; it also spikes the pressure within the equipment.

FLOW TYPE UNLOADER VALVES:

A flow type unloader responds to the stoppage of the water flow between the unloader outlet orifice and the trigger gun. When the trigger gun is open the water flows through the inlet port and out the outlet port, with a small percentage exiting through the by-pass port. When the gun is closed, the flow is diverted through a channel that leads from in front of the outlet port to a piston assembly within the unloader body, forcing it to go down. The water is then all diverted into the by-pass port. With no check valve holding the pressure from returning into the unloader from the outlet, the pressure through out the system is relieved each time the unloader cycles. A cycle consists of the unloader supplying water to the outlet, and then diverting it to the by-pass. Our first choice in any unloader is the New K-10 Flow Type which came on the market in 2003.

Advantages:

When the trigger gun is opened, there is very low pressure in the hose. The pressure then builds for about one second at which point the maximum pressure is achieved. The smooth transition from low to high pressure is beneficial because it doesn't have a jarring effect on the operator.

Disadvantages:

The K-7 & K-5 flow unloaders do not allow an operator to downsize high-pressure nozzles. Because it senses flow, reducing the flow at the nozzle causes the unloader to cycle repeatedly. This type unloader should not be used with a weep gun, leaks will cause it to cycle.

COMPENSATING UNLOADER VALVE:

The compensating unloader valve is a pressure type unloader valve with a compensating feature that makes the characteristic pop of pressure that occurs when the trigger gun is opened less severe. The advantage of having this feature is that the unloader functions more like a flow actuated unloader without the same disadvantages.

K7 Unloader



Flow Actuated

GPM: 2.1-10.8
PSI: 3,500 PSI
TEMP: 165° F



EnviroSpec has installed Special Valving to help reduce Surging while in BY-PASS

PART #	DESCRIPTION	PRICE
1089	2.1-2.9 GPM - K7.0 NET PRICE	\$ 69.95
1090	2.9-4.2 GPM - K7.1 NET PRICE	\$ 69.95
1091	4.2-6.6 GPM - K7.2 NET PRICE	\$ 69.95
1092	6.6-10.8 GPM - K7.3 NET PRICE	\$ 69.95
1789	REPAIR KIT - FITS ALL	\$ 24.12

K5 Unloader



Flow Actuated

GPM: 2.1-10.8
PSI: 3,000 PSI
TEMP: 165° F



High spike by-pass hose is recommended with this unloader to increase by-pass pressure and eliminate 'surging'

PART #	DESCRIPTION	PRICE
1085	2.1-2.9 GPM - K5.0	\$ 71.37
1086	2.9-4.2 GPM - K5.1	\$ 71.37
1087	4.2-6.6 GPM - K5.2	\$ 71.37
1088	6.6-10.8 GPM - K5.3	\$ 71.37
1785	REPAIR KIT - FITS ALL	\$ 24.12

YU-2140 Unloader



The best large volume pressure actuated unloader in the industry!

GPM: 21
PSI: 4,500 PSI
TEMP: 200°



PART #	DESCRIPTION	PRICE
1101	1/2" In/Out/By-pass NET PRICE	\$ 79.95
1102	ADJUSTABLE KNOB	\$ 14.23
1103	Repair Kit	\$ 32.91

K10 Unloader



GPM: 10.8
PSI: 3,600 PSI
TEMP: 165° F

One Size Fits All!



PART #	DESCRIPTION	PRICE
1096	UNLOADER, K-10 FLOW ACTUATED	\$ 76.87
1095	REPAIR KIT FOR K-10	\$ 50.35

VB350 Unloader



GPM: 10.5
PSI: 5,650 PSI
TEMP: 195° F



PART #	DESCRIPTION	PRICE
2032	UNLOADER, VB350	\$ 89.97
2033	REPAIR KIT, VB350	\$ 38.41

Hi-Tech "MV" Unloader

GPM: 8
PSI: 2,000-3,600 PSI
TEMP: 200° F



PART #	DESCRIPTION	PRICE
1118	MV 520 UNLOADER UP TO 2000 PSI	\$ 31.81
1119	MV 540 UNLOADER UP TO 2500 PSI	\$ 37.31
1120	MV 550 UNLOADER UP TO 3600 PSI	\$ 43.90
1121	MV 580 UNLOADER UP TO 4000 PSI	\$ 38.41

K9 Unloader



GPM: 13.2
PSI: 5,800 PSI
TEMP: 195° F

FLOW ACTUATED



PART #	DESCRIPTION	PRICE
1093	UNLOADER, K-9 FLOW ACTUATED	\$ 482.36
1094	REPAIR KIT FOR K-9	\$ 247.25

VB-10 Unloader

SUPER SOFT TOUCH

GPM: 8
PSI: 4,000 PSI
TEMP: 195° F

Feels like a FLOW ACTUATED ...but easy to adjust like a PRESSURE ACTUATED!



PART #	DESCRIPTION	PRICE
1108	UNLOADER, PA10 NET PRICE	\$ 79.95
1109	REPAIR KIT FOR VB-10 NET PRICE	\$ 49.95

A-R BOLT-ON

- Mini for 'XT' & 'XM' Pumps
2-5 GPM to 2600 PSI
- Gymatic for 'XM' & 'RK' Pumps
3-5.5 GPM to 3650 PSI
- Gymatic '3072' 'XM' & 'RK' Pumps
5 GPM to 4000 PSI



PART #	DESCRIPTION	PRICE
2403	Mini without injector	\$ 76.87
2712	Gymatic with fixed injector	\$ 87.86
2301	Gymatic with adjustable injector	\$ 87.95
3072	Gymatic without injector	\$ 79.95

Unloader Installation:

There are a variety of ways to install an unloader. Keep in mind that easy access for adjustment is important. Since unloaders wear out, the use of European style twist fast quick connects allows for rapid and easy replacement in the field. It is recommended that all the ports be set up with quick-connect couplers and plugs. A pressure gauge that is visible when adjusting the unloader is important for precise adjustments.

Be sure to properly identify the ports, they are usually marked in, out, and bypass. If they aren't marked and you don't know, find out before proceeding. Some unloaders have more than one inlet port to allow flexibility during installation; others have an additional port for a pressure gauge.

Unloaders can be mounted directly to the outlet port of the pump using a pipe nipple. There are advantages to mounting the unloader on the pressure washer frame using an unloader-mounting block. The unloader can be located where it is the most accessible. A short length of high-pressure hose, which is also called a jumper hose, is used to connect between the pump outlet port and the unloader-mounting block. A jumper hose is used to connect the unloader outlet to the inlet of the coil or to the outlet of the pressure washer. Most unloader valves can be mounted vertically or horizontally.

By-pass configurations:

Pressure Washes generally are manufactured with a closed loop by-pass that cycles the by-pass water in a small amount from the unloader by-pass port to the inlet port of the pump, and then back to the inlet port of the unloader. This configuration is an accident waiting to happen. Friction generated by the plungers moving against the packings generates heat that is transferred to the water. Because there is only a small amount of water the water temperature increases rapidly. When the temperature exceeds about 155 degrees, damage begins to occur to the packings. If allowed to continue, the hot water can damage the plungers in the pump, damage seals in the unloader, and destroy the hoses between the pump and the unloader. Ideally, machines would either have their by-pass plumbed differently, or have a thermal relief valve or switch installed as a safeguard against by-pass heat build-up. Because most machines are manufactured in a way that allows this damage to occur, it is wise to change the set up aftermarket.

The Thermal Pump Protector:

When using a pressurized feed from a municipal water source, or from a well, a thermal relief valve provides protection against overheated by-pass water. This valve is installed in either inlet port (low pressure) of the pump. When the bypass water temperature at the valve reaches about 145 degrees, the valve opens and allows some of the hot water to escape. The expulsion of the hot water allows colder water from the inlet supply to enter the pump. This reduces the water temperature. Do not consider using this type of a valve if using a tank as a water supply source, because without inlet water pressure, the valve will open but water won't be pushed out of it. This will render the valve useless.

The Engine Terminator:

The Thermal Engine Terminator is an option that can be used with any type of water feed. It is installed in either inlet port on the pump and wired into the engine. When the by-pass water reaches about 145 degrees, this switch shuts down the engine, stopping everything until the by-pass water has cooled.

For mobile wash set-ups that are truck or trailer mounted and are supplied by a water tank, the best way to configure the by-pass is to plumb it directly back to the water tank. The benefit of plumbing the by-pass this way is that it includes the water in the supply tank in the by-pass loop. With a large amount of water in the loop, there isn't enough heat generated to increase the water temperature enough to damage anything, no matter how long the equipment runs in by-pass. Connect a long by-pass hose from the by-pass port of the unloader, plumbed with a hose barb, and have it terminate at a barb fitting on the water tank. The water tank can be fitted with a small bulkhead fitting on the top, then plumbed with a properly sized hose barb. The by-pass hose can be reinforced chemical tubing, hi spike bypass hose, or garden hose. The diameter of the by-pass hose is determined by the flow of the pump and the type of unloader being used. For pumps that are rated below 6 GPM, a 1/2" ID by-pass hose is recommended when using a pressure type unloader, and a 1/4" ID by-pass hose is recommended when using a flow actuated unloader. For a pump with a flow rating of over 6 GPM, a 3/4" by-pass hose is recommended when using a pressure type unloader, and a 1/2" by-pass hose is recommended when using a flow actuated unloader.

Price Match Guarantee

Find any item in our catalog that is advertised elsewhere for less and not only will we meet their price but we will beat it by 5%.

1-800-346-4876

Vendor or Manufacturer 'close-outs', Mosmatic items & Honda engines do not qualify.

In-Line Swivels

- Swivels at max pressure
- 5,000 PSI rated - Adams
- 4,000 PSI rated - NorthStar



PART #	DESCRIPTION	PRICE
NORTHSTAR BRAND		
1543	IN LINE SWIVEL, 1/4" BRASS	\$ 7.64
1544	INLINE SWIVEL, 3/8", BRASS	\$ 7.64
1545	INLINE SWIVEL, STAINLESS, 1/4"	\$ 10.93
1546	INLINE SWIVEL, STAINLESS, 3/8"	\$ 10.93
J. E. ADAMS BRAND		
1127	INLINE SWIVEL, 1/4" BRASS	\$ 14.23
1291	INLINE SWIVEL, 3/8" BRASS	\$ 16.43
1351	INLINE SWIVEL, STAINLESS, 1/4"	\$ 19.73
1433	INLINE SWIVEL, STAINLESS, 3/8"	\$ 24.12

Don't see what you need?
CALL...
...I'm sure we have it.

Mosmatic Gun Lance Swivel

- Swivels at max pressure
- 4,100 PSI rated
- 10.5 GPM
- 250° F



PART #	DESCRIPTION	NET PRICE
1144	SWIVEL, INLINE, 1/4" F X 1/4" M	\$ 29.95
1145	SWIVEL, INLINE, 1/4" F X 3/8" M	\$ 29.95
1146	SWIVEL, INLINE, 3/8" F X 3/8" M	\$ 29.95

Hose Whips for Trigger Guns

The purpose of the Hose Whip is to extend the life of the quick connects & eliminate leaking. When you are pulling the hose using the gun and lance for leverage you are putting the quick connect in a "metal to metal" bind. When the whip is in place the quick connect coupler and plug will always be pulling in-line with the hose.

PSI: 4,500

Install a whip on inlet side of gun & extend the "quick connect" life ten-fold.



PART #	DESCRIPTION	PRICE
1202	1" WHIP without SWIVEL & "QC"	\$ 12.03
1568	1" WHIP with SWIVEL & "QC"	\$ 27.42

Control Set Unloader

GPM: 8.0
PSI: 3,650 PSI
TEMP: 195° F



FITS
GENERAL
47 Series
EZ Series
TX Series

PART #	DESCRIPTION	PRICE
1110	BOLT ON FOR GENERAL, NO INJECTOR	\$ 76.87
1112	BOLT ON FOR GENERAL WITH INJECTOR	\$ 82.36
1111	REPAIR KIT FOR EITHER	\$ 21.92

THE ORIGINAL AL-607 Unloader



GPM: 8
PSI: 4,500 PSI TEMP: 190° F



PART #	DESCRIPTION	PRICE
1114	AL-607 UNLOADER NET PRICE	\$ 44.95
1113	REPAIR KIT FOR AL-607	\$ 30.71

YU831 Unloader



GPM: 8
PSI: 4,000 PSI
TEMP: 195° F



Multi-Port By-Pass Ports

PART #	DESCRIPTION	PRICE
1104	UNLOADER, PULSAR WITHOUT KNOB	\$ 42.80
1098	REPAIR KIT FOR 1104 & 1099	\$ 21.92

Pulsar Unloader

GPM: 8
PSI: 4,000 PSI
TEMP: 195° F



PART #	DESCRIPTION	PRICE
1099	UNLOADER, PULSAR HP WITH KNOB	\$ 43.90
1098	REPAIR KIT FOR 1104 & 1099	\$ 21.92

SAVE 10% ON E-MAIL/FAX ORDERS UNLESS 'NET' PRICE APPEARS

Hudson Float Valve

Preferred over typical float valves.

- No External Moving Parts
- No Float Ball or Arm
- 90° or 150° Max Temp
- All Stainless, Plastic & Nylon
- 1" Inlet - easy installation
- Automatic anti-siphon



PART #	DESCRIPTION	PRICE
1343	VALVE, 90° TEMP. RATING	\$ 43.90
1344	VALVE, 150° TEMP. RATING	\$ 49.40

Plastic Float Valve

- Includes Filter & Pipe
- Max Temperature - 140°F
- Max Pressure - 145 PSI
- 3/4" Inlet



PART #	DESCRIPTION	PRICE
1598	FLOAT VALVE 3/4" PLASTIC, FV10000	\$ 16.43

Plastic Float Tank with Cover

- Max Temp 140°F
- Capacity - 0.8 US Gal.
- Overall Size - 5" x 10" x 8"
- Material - copolymer



PART #	DESCRIPTION	PRICE
1597	FLOAT TANK with LID & BULKHEAD	\$ 10.93

Water Flow Meter

Not sure if the well pump will keep up with your machine? With a garden hose fitting hook this to the faucet and your hose to the tester. Then test the flow before you burn up a pump.



- No more guess work! Know exactly how much water you are supplying to your pump.
- Precise Electronic Monitoring
- Handles from 1-15 GPM
- Use on Inlet Side of Pump - 240° F
- Install permanently or use as test tool

PART #	DESCRIPTION	PRICE
1797	RESETTABLE FLOW METER	\$ 186.76

Brass Float Valve

- Includes Filter & Pipe
- Max Temperature - 140°F
- Max Pressure - 145 PSI
- 3/4" Inlet



PART #	DESCRIPTION	PRICE
1599	FLOAT VALVE 3/4" BRASS	\$ 16.43

Filter for Float Tank

- Plastic & Brass
- 450 Micron
- 3/4" Inlet



PART #	DESCRIPTION	PRICE
1234	FILTER 3/8M PLASTIC - 450 MICRON	\$ 9.84

Industrial Drill Mixer

- If you buy powdered detergent you must have this tool.
- Attach to any heavy duty drill
- High speed chemical mixing thoroughly dissolves chemical



PART #	DESCRIPTION	PRICE
1957	DRILL MIXER, 5 GALLON	\$ 16.43

Stainless Steel Premium Swivel

- 4,100 PSI Working
- 16,000 PSI Burst
- Up to 10.5 GPM
- 200 Degrees



Built for the Long Haul!

Coupler included to attach to 1/2" MPT thread.

PART #	DESCRIPTION	PRICE
1630	STAINLESS STEEL PREMIUM SWIVEL NET	\$ 49.95
1629	REPAIR KIT	\$ 16.43

Heavy Duty Premium Swivel

- 7,000 PSI
- Stainless Steel Insert
- FPT x FPT
- 3/8" FPT inlet for hose
- 1/2" outlet mounts to reel



PART #	DESCRIPTION	PRICE
1592	HD PREMIUM HOSE REEL SWIVEL	\$ 49.40
1593	REPAIR KIT FOR 1592	\$ 14.23

Super Swivel Hose Reel Swivel

- 5,000 PSI
- Grease Fitting for extended life
- FPT x FPT configuration
- When using 3/8" hose order P/N 1463



PART #	DESCRIPTION	PRICE
1463	HOSE REEL SWIVEL, 3/8" X 1/2"	\$ 43.90
2331	HOSE REEL SWIVEL, 1/2" X 1/2"	\$ 43.90
1611	REPAIR KIT	\$ 8.11

SAVE 10% ON E-MAIL/FAX ORDERS UNLESS 'NET' PRICE APPEARS

Premium High Volume Filter

Use on Allison Iron Horse Equipment!

We recommend that you use this filter on all equipment over 8 GPM.

THE INDUSTRY'S ABSOLUTE BEST FILTER

- Extra large internal chamber
- Extra large ports for maximum flow
- Handles up to 22 GPM
- 50 mesh screen, 1" inlet/outlet



For more information about water filters look in the **TECHNICAL SECTION** of our Website at <http://www.envirospec.com>

PART #	DESCRIPTION	PRICE
1015	PREMIUM HIGH VOLUME WATER FILTER	\$ 38.41

Clear Bowl Water Filter

- 50 mesh filtration
- Heavy duty molded plastic
- Viewable filter media



PART #	DESCRIPTION	NET PRICE
1012	CLEAR BOWL FILTER, 1/2" In/Out	\$ 10.95
1013	CLEAR BOWL FILTER, 3/4" In/Out	\$ 10.95

Direct Mount Water Filter

- Clear view filter mounts directly to pump
- Built-in garden hose connector
- Easily disassembles for cleaning
- Solid brass construction



PART #	DESCRIPTION	PRICE
1010	DIRECT MOUNT FILTER W/O BYPASS	\$ 10.93
1011	DIRECT MOUNT FILTER W/ BYPASS	\$ 13.13

Remote Filter Hanger

This Filter Mounting Hanger can be frame mounted, wall mounted or floor mounted.

It comes with all a 1" Hose Barb and a 1" HEX Nipple and will accomodate any 1" In/Out Filter



- Handles up to a 1" Filter
- Mount to floor, ceiling, wall or frame
- Shown with optional Premium High Volume Filter

PART #	DESCRIPTION	PRICE
2412	Remote Filter Hanger	\$ 29.62

"SUR-TRAP" Y-Trap Strainer

- Solid brass body & cap
- 50 mesh, stainless screen
- Rated to 175 PSI & 195°F



PART #	DESCRIPTION	PRICE
1155	SUR-TRAP, Y-TRAP STRAINER, 3/8"	\$ 8.14
1156	SUR-TRAP, Y-TRAP STRAINER, 1/2"	\$ 8.65
1157	SUR-TRAP, Y-TRAP STRAINER, 3/4"	\$ 11.03
1158	SUR-TRAP, Y-TRAP STRAINER, 1"	\$ 12.62

Compact Water Filter

- Flows to 6 GPM / pressure to 150 PSI
- 50 mesh filter screen, aluminum housing
- Die-cast metal housing with plastic cap
- 1/2" FPT inlet / MPT outlet
- 2 1/4" by-pass ports



Includes Garden Hose Connector

PART #	DESCRIPTION	PRICE
1009	COMPACT WATER FILTER	\$ 12.69

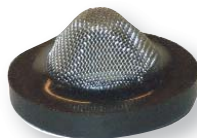
Garden Hose Connectors



PART #	DESCRIPTION	PRICE
1309	SHUT OFF, SINGLE GARDEN HOSE	\$ 4.34
1310	SHUT OFF, DUAL GARDEN HOSE	\$ 5.44
1311	DUAL GARDEN HOSE CONNECTOR	\$ 2.14

Garden Hose Washer

- 50 mesh filter media
- Fits all garden hose inlets
- The first step in proper filtration



PART #	DESCRIPTION	PRICE
1625	WASHER SCREEN, GARDEN HOSE	\$.32

Garden Hose Connectors

- 3/4" FPT inlet
- MPT outlet filter connector
- Solid brass construction



PART #	DESCRIPTION	PRICE
1019	CONNECTOR, GARDEN HOSE 1/2"	\$ 3.57
1020	CONNECTOR, GARDEN HOSE 3/4"	\$ 4.34

FIRE HYDRANT HOSE

- Fill that 500 Gallon Tank in 2 Minutes Flat!
- Complete with MxM NST Aluminum Connector
- Use PVC Pipe on the Tank End



PART #	DESCRIPTION	PRICE
3336	50' x 2-1/2"	\$ 219.73

Premium Twist Coupler

"Twist Fast"
Connect Coupler,
Double 'O'-ring Seal



PART #	DESCRIPTION	PRICE
1894	COUPLER, 1/4" FPT, 2 'O' RINGS	\$ 5.44
1895	COUPLER, 1/4" MPT, 2 'O' RINGS	\$ 5.44
1896	COUPLER, 3/8" FPT, 2 'O' RINGS	\$ 5.44
1897	COUPLER, 3/8" MPT, 2 'O' RINGS	\$ 5.44

Premium Twist Plug

"Twist Fast" Plugs Fit
Double 'O'-ring Couplers



PART #	DESCRIPTION	PRICE
1890	PREMIUM TWIST FAST PLUG, 1/4" FPT	\$ 2.74
1891	PREMIUM TWIST FAST PLUG, 1/4" MPT	\$ 2.74
1892	PREMIUM TWIST FAST PLUG, 3/8" FPT	\$ 2.74
1893	PREMIUM TWIST FAST PLUG, 3/8" MPT	\$ 2.74

Twist-Fast Replacement 'O' Rings

Fits Twist Fast Couplers



PART #	DESCRIPTION	PRICE
VITON® 'O' RINGS - Chemical Resistance: Severe		
2031	1/4", 400°, BROWN, 50 EACH	\$ 16.48

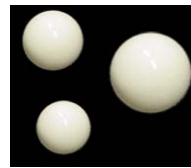
Twist Fast "Quick Connects"



Ceramic Balls

Aluma-Oxide

- Replacement balls for highly corrosive environments
- Use with Chemical Injectors and Guns



PART #	DESCRIPTION	PRICE
1746	CERAMIC BALL, ALUM OXIDE, 1/4"	\$ 5.49
1747	CERAMIC BALL, ALUM OXIDE, 5/16"	\$ 5.49
1744	CERAMIC BALL, ALUM OXIDE, 11/32"	\$ 5.49
1745	CERAMIC BALL, ALUM OXIDE, 13/32"	\$ 5.49
1749	CERAMIC BALL, ALUM OXIDE, 9/32"	\$ 5.49

CAUTION: Never use Solvent Spray Lubricants on Quick Couplers. These products cause the o'rings to swell. We recommend white lithium grease when lubrication is required.

PART #	DESCRIPTION	PRICE
QS4FT	TWIST FAST COUPLER, 1/4" FPT	\$ 2.37
QS4MT	TWIST FAST COUPLER, 1/4" MPT	\$ 2.37
QS8FT	TWIST FAST COUPLER, 3/8" FPT	\$ 2.45
QS8MT	TWIST FAST COUPLER, 3/8" MPT	\$ 2.45
QP4FT	TWIST FAST PLUG, 1/4" FPT	\$ 1.75
QP4MT	TWIST FAST PLUG, 1/4" MPT	\$ 1.75
QP8FT	TWIST FAST PLUG, 3/8" FPT	\$ 1.80
QP8MT	TWIST FAST PLUG, 3/8" MPT	\$ 1.80

'Push & Snap' Quick Coupler

The Most Incredible Quick Couplers YOU WILL EVER SEE!



This shows the coupler in the 'staged' open position. It remains this way until you push in the plug. When you do the coupler automatically 'snaps' closed.

Here you see just how easy it is to attach a 'quick connect' plug.

Simply insert the plug & push!

When you want the plug to release you will pull down on the collar and the plug will automatically release itself and 'snap' out of the coupler.

PART #	DESCRIPTION	NET PRICE
1901	1/4" FPT	\$ 2.95
1902	3/8" FPT	\$ 4.25

'O' Ring Pick

For removing o'rings from
Check Valves & Quick Connects



PART #	DESCRIPTION	PRICE
1600	'O' RING PICK	\$ 7.64

SAVE 10% ON E-MAIL/FAX ORDERS UNLESS 'NET' PRICE APPEARS

O-RINGS POPPING OUT?



NOT ANYMORE!

EnviroSpec's new 'Safety-Loc' locks them in place.

Premium Brass Coupler

Brass Coupler with 'Safety Loc System'



Shown: Brass Female Pipe Thread (FPT)

Premium Plated Steel Plugs

"Super Hard" Plated Steel Plug



Shown: Female Pipe Thread (FPT)

PART #	DESCRIPTION	PRICE
QS4FB	1/4" FPT Inlet, 1/4" Coupler Outlet	\$ 2.03
QS4MB	1/4" MPT Inlet, 1/4" Coupler Outlet	\$ 2.03
QS8FB	3/8" FPT Inlet, 3/8" Coupler Outlet	\$ 2.75
QS8MB	3/8" MPT Inlet, 3/8" Coupler Outlet	\$ 2.75

PART #	DESCRIPTION	PRICE
QP4FB	1/4" FPT Inlet, 1/4" Plug Outlet	\$.82
QP4MB	1/4" MPT Inlet, 1/4" Plug Outlet	\$.82
QP8FB	3/8" FPT Inlet, 3/8" Plug Outlet	\$ 1.04
QP8MB	3/8" MPT Inlet, 3/8" Plug Outlet	\$ 1.04

NOT YOUR DIME STORE 'QUICK COUPLERS'



Premium Stainless Coupler

Stainless Coupler with 'Safety Loc System'



Shown: Stainless Steel Male Pipe Thread (MPT)

Premium Stainless Plugs

"Super Hard" Stainless Plug



Shown: Stainless Male Pipe Thread (MPT)

PART #	DESCRIPTION	PRICE
QS4FS	S.S., 1/4" FPT Inlet, 1/4" Coupler Outlet	\$ 3.02
QS4MS	S.S., 1/4" MPT Inlet, 1/4" Coupler Outlet	\$ 3.02
QS8FS	S.S., 3/8" FPT Inlet, 3/8" Coupler Outlet	\$ 4.34
QS8MS	S.S., 3/8" MPT Inlet, 3/8" Coupler Outlet	\$ 4.34

PART #	DESCRIPTION	PRICE
QP4FS	S.S., 1/4" FPT Inlet, 1/4" Plug Outlet	\$ 1.65
QP4MS	S.S., 1/4" MPT Inlet, 1/4" Plug Outlet	\$ 1.65
QP8FS	S.S., 3/8" FPT Inlet, 3/8" Plug Outlet	\$ 1.76
QP8MS	S.S., 3/8" MPT Inlet, 3/8" Plug Outlet	\$ 1.76

Hi-Heat "Quick Couplers"

To hot to handle? These couplers make it easier to disconnect hoses & accessories without burning your fingers



PART #	DESCRIPTION	PRICE
1818	EASY GRIP COUPLER, 1/4" MPT	\$ 3.18
1817	EASY GRIP COUPLER, 1/4" FPT	\$ 3.18
1820	EASY GRIP COUPLER, 3/8" MPT	\$ 3.95
1819	EASY GRIP COUPLER, 3/8" FPT	\$ 3.95

Standard Replacement 'O' Rings



PART #	DESCRIPTION	PRICE
EPDM 'O' RINGS - Chemical Resistance: Moderate		
QOR4E	1/4", 300°, BLACK, 50 EACH	\$ 10.93
QOR8E	3/8", 300°, BLACK, 50 EACH	\$ 10.93
VITON 'O' RINGS - Chemical Resistance: Severe		
QOR4V	1/4", 350°, BROWN, 50 EACH	\$ 14.23
QOR8V	3/8", 350°, BROWN, 50 EACH	\$ 14.23

Severe Duty Premium 'O' Rings

4,000 PSI + Chemical Resistance = SEVERE

These Premium 'O'rings have been recommended as the best for the three major issues of the **PROFESSIONAL CONTRACTOR**:

PRESSURE + HEAT + CHEMICAL

When you combine all 3 environments none hold up as well as the Severe Duty Premium Line.

PART #	DESCRIPTION	PRICE
1960	1/4" SEVERE DUTY 'O' RINGS - 50 EACH	\$ 21.92
1961	3/8" SEVERE DUTY 'O' RINGS - 50 EACH	\$ 24.12

Master Card, VISA, AMEX, Discover ○ 1-800-346-4876 ○ Minimum Order \$50.00

Allison "Super Suds Sucker" Up to 33+% DRAW The Original "Super Suds Sucker" is back!

For those of you to new or young to remember...
...a few years back we designed a chemical injector that would just about suck the bottom out of the pail. Not only that - we were able to put as much as 500' of hose on the machine and still suck as much chemical as most injectors equipped with only 50' of hose.

Here are the two primary advantages of owning a **Super Suds Sucker** and when you think about it - what else is there?

Longevity - This could be the last injector you will ever buy. Most of the ones we built 10 years ago are still 'sucking' strong.

Product to Surface - When we first came out with this product we told people then that "if you cant get the product to the surface you may as well stay at home" - the same holds true today. With a **Super Suds Sucker** you will definitely get the product to the surface.



For over 20 years...

John Allison operated a Mobile Wash company. During this time he recognized that all chemical injectors had one thing in common. None of them could get enough chemical on the surface. Since that time Mr. Allison has designed some of the finest injectors in the industry under the "Super Suds Sucker" logo. However, in the past the manufacturing cost was so high that it made it difficult to bring them to market.

But now you can experience the precision of these high induction injectors at a much more affordable price!

Super Suds Sucker comes with additional nozzles that will handle from 2 to 10 GPM.

Complete with...
quick connects, chemical line & chemical filter.
READY TO GO!

What do most people say when they first try it?
NOW THIS SUCKS!
TRY A **Super Suds Sucker!** TODAY!

PART #	DESCRIPTION	PRICE
1964	ALLISON SUPER SUDS SUCKER INJECTOR	\$ 43.90

Stainless Dual Stage Allison "Suds Sucker"

THE BEST "DRAW RATES" IN THE INDUSTRY DESIGNED BY: **EnviroSpec**

- Stainless Steel construction for extended life.
- Draw from one chem or two.
- With both lines in the solution you can expect to draw up to 30% more product.



PART #	DESCRIPTION	PRICE
1139	STAINLESS STEEL DUAL PORT INJECTOR	\$ 98.85

Chem Line & Filter

Comes with our best
Stainless & Brass Chemical Filter
...and 5' of Chemical Line



PART #	DESCRIPTION	PRICE
1154	CHEMICAL FILTER AND LINE	\$ 5.44

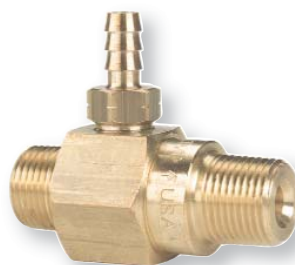


These unique features guarantee you
Allison Injectors are the best in the industry!

- Up to 20% draw rate
- Machined Brass
- Ceramic Ball for harsh chemicals & chlorine
- 316 Stainless Nozzle
- Rated to 5,000 PSI
- Viton® O'ring

**20%
DRAW
RATE**

Repair Kit Includes:
1 Ceramic Ball
1 Stainless Spring
1 Viton O'ring



PART #	DESCRIPTION	PRICE
ADJUSTABLE		
1446	ADJUSTABLE WITH CERAMIC BALL, 2-5 GPM NET PRICE	\$ 15.95
1448	ADJUSTABLE WITH CERAMIC BALL, 5-8 GPM NET PRICE	\$ 15.95
NON-ADJUSTABLE		
1441	NON-ADJUSTABLE WITH CERAMIC BALL, 2-5 GPM NET PRICE	\$ 12.95
1443	NON-ADJUSTABLE WITH CERAMIC BALL, 5-8 GPM NET PRICE	\$ 12.95
1439	REPAIR KIT	\$ 7.64

SAVE 10% ON E-MAIL/FAX ORDERS UNLESS 'NET' PRICE APPEARS

Allison "Suds Sucker" Double Gulp Injectors

As the old saying goes...

27+% DRAW



Adjustable

...if you can't get enough product on the surface you may as well stay at home.

What makes this injector different from the others?

- Solid machined brass
- Ceramic Ball Standard
- Viton O'ring Standard
- Hardened Stainless Nozzle

SHOWN WITH OPTIONAL QUICK CONNECTS

You'll get much more chem draw with both lines in the same solution.

27+% DRAW



Non-Adjustable

PART #	DESCRIPTION	PRICE
NON-ADJUSTABLE		
1737	DUAL PORT, ALLISON, 2-5 GPM	\$ 24.12
1739	DUAL PORT, ALLISON, 5-8 GPM	\$ 24.12
ADJUSTABLE		
1736	DUAL PORT, ALLISON, 2-5 GPM	\$ 27.42
1738	DUAL PORT, ALLISON, 5-8 GPM	\$ 27.42
1740	REPAIR KIT	\$ 10.93

Plastic Chemical Filter

- Weight holds filter on the bottom
- Use with 1/4" or 3/8" chemical tubing
- Corrosion resistant plastic

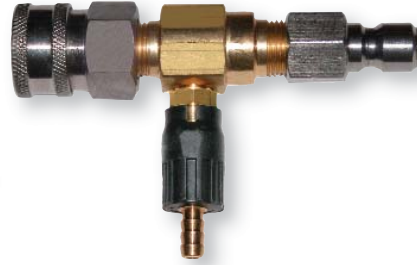


PART #	DESCRIPTION	PRICE
1150	STRAINER WITH CHECK BALL, PLASTIC	\$ 1.31
1151	STRAINER W/OUT CHECK BALL, PLASTIC	\$ 1.25

Ready-to-Go "Suds Sucker"

Complete with Stainless Quick Connects, 10' of Chemical Line, Our Best Stainless & Brass Chemical Filter.

20+% DRAW



Allison All Stainless Injectors

20+% DRAW



Adjustable



Non-Adjustable

PART #	DESCRIPTION	PRICE
NON-ADJUSTABLE		
1140	NON-ADJUSTABLE, 2-5 GPM	\$ 51.59
1141	NON-ADJUSTABLE, 5-8 GPM	\$ 51.59
ADJUSTABLE		
1142	ADJUSTABLE, 2-5 GPM	\$ 60.38
1143	ADJUSTABLE, 5-8 GPM	\$ 60.38
1439	REPAIR KIT	\$ 7.64

General Pump Chemical Filter

- Polypropylene filter media
- 1/4" hose barb
- Stainless check ball



PART #	DESCRIPTION	PRICE
1152	FILTER WITHOUT CHECK BALL	\$ 4.93

Robo Chem Injector

- Stainless orifice
- Stainless check valve



PART #	DESCRIPTION	PRICE
1135	2.2-4.0 GPM, ROBO CHEM	\$ 26.29
1136	4.0-5.6 GPM, ROBO CHEM	\$ 26.29
1137	5.6-10.9 GPM, ROBO CHEM	\$ 28.52
1138	REPAIR KIT	\$ 9.84

Premium Chemical Filter *By Far The Best!*

- Solid Stainless and Brass construction
- Larger than others - allows more chemical flow
- Removable, internal "check" prevents chems from back flowing.



PART #	DESCRIPTION	PRICE
1153	CHEMICAL STRAINER, PREMIUM	\$ 2.49

Stainless Chemical Filter

- 50 mesh, removable stainless screen
- Heavy duty one piece construction
- 1/4" hose barb
- Stainless check ball
- Approx. one third the size of 1153





PART #	DESCRIPTION	PRICE
1149	CHEM FILTER, STAINLESS	\$ 1.92

NOTE: Next to most of the part numbers there is a letter. This letter will cross to the chart below to give you the rated pressure. Brass Fittings should not be used in places where the pressure will exceed 300 PSI.


THE ONLY FITTINGS WE RECOMMEND!

**SUPER HEAVY DUTY
PRESSURE WASHER FITTINGS**

	REDUCING NIPPLE
9013 A \$.99	3/8 x 1/4
9015 A \$1.56	1/2 x 1/4
9016 A \$1.63	1/2 x 3/8
9018 A \$4.12	3/4 x 1/2


	ADAPTER FPT X MPT
9000 A \$2.86	3/8 x 1/4
9002 B \$3.05	1/2 x 3/8
9003 D \$5.25	3/4 x 1/2


	PLUG
9051 A \$.53	1/4"
9052 A \$2.09	3/8"
9053 A \$2.09	1/2"
9054 A \$2.09	3/4"

	PIPE NIPPLE
9056 A \$4.92	1/4 x 2
9057 A \$5.89	1/4 x 3
9058 A \$6.70	1/4 x 4
9059 A \$6.64	3/8 x 2
9060 A \$6.75	3/8 x 3
9061 A \$9.12	3/8 x 4
9062 A \$4.02	1/2 x 2
9063 A \$5.41	1/2 x 3
9064 A \$6.55	1/2 x 4
9065 A \$8.35	1/2 x 5
9066 A \$8.66	1/2 x 6
9067 A \$7.25	3/4 x 2
9068 A \$8.57	3/4 x 3
9069 A \$9.67	3/4 x 4


	TEE
9035 B \$3.10	1/4"
9036 C \$3.91	3/8"
9037 E \$6.33	1/2"
9038 E \$11.99	3/4"


	STREET TEE FPT X FPT X MPT
9047 E \$3.30	1/4"
9048 C \$4.64	3/8"
9049 E \$6.44	1/2"
9050 E \$9.89	3/4"


	CROSS 4-WAY - FPT
9039 B \$6.92	1/4"
9040 C \$10.92	3/8"
9041 E \$11.32	1/2"
9038 E \$11.99	3/4"

	REDUCING BUSHING MPT X FPT
9043 A \$1.10	3/8 x 1/4
9044 A \$1.21	1/2 x 1/4
9045 A \$1.21	1/2 x 3/8
9046 A \$1.54	3/4 x 1/2


	HEX NIPPLE
9012 A \$2.20	1/4"
9014 A \$2.20	3/8"
9017 A \$2.20	1/2"
9019 A \$2.20	3/4"

	90° STREET ELBOW FPT X MPT
9020 B \$2.57	1/4"
9021 C \$3.05	1/4" x 3/8"
9022 C \$2.92	3/8"
9023 E \$5.45	1/2" x 3/8"
9024 E \$4.26	1/2"
9025 E \$8.09	3/4" x 1/2"
9026 E \$7.52	3/4"

	45° STREET ELBOW FPT X MPT
9031 \$2.55	1/8"
9032 \$2.57	1/4"
9033 \$3.38	3/8"
9034 \$4.13	1/2"

	90° ELBOW FPT X FPT
9027 B \$2.31	1/4"
9028 C \$2.81	3/8"
9029 E \$4.84	1/2"
9030 D \$6.82	3/4"

	COUPLERS
9004 A \$1.21	1/4"
9006 A \$1.56	3/8"
9009 B \$2.02	1/2"
9011 B \$3.10	3/4"

	REDUCING COUPLING
9007 B \$2.68	1/2 X 3/8
9010 D \$4.26	3/4 x 1/2

"_" = WORKING PRESSURE

- "A" = 6,000 PSI - (18,000 PSI Burst Pressure)**
- "B" = 5,000 PSI - (15,000 PSI Burst Pressure)**
- "C" = 4,500 PSI - (13,500 PSI Burst Pressure)**
- "D" = 4,000 PSI - (12,000 PSI Burst Pressure)**
- "E" = 3,000 PSI - (9,000 PSI Burst Pressure)**

SAVE 10% ON E-MAIL/FAX ORDERS UNLESS 'NET' PRICE APPEARS

BRASS FITTINGS

for LOW to MEDIUM PRESSURE APPLICATIONS

COUPLINGS		
#BRF454	1/4"	1.02
#BRF456	3/8"	1.50
#BRF458	1/2"	1.79



TEE		
#BRF854	1/4"	2.48
#BRF856	3/8"	3.77
#BRF858	1/2"	6.02



HEX NIPPLE		
#BRF754	1/4"	0.89
#BRF756	3/8"	1.34
#BRF758	1/2"	1.97



REDUCING COUPLING		
#BRF502	1/4" x 1/8"	1.25
#BRF504	3/8" x 1/4"	1.25
#BRF505	1/2" x 1/4"	2.00
#BRF506	1/2" x 3/8"	2.00



BRANCH TEE		
#BRF875	1/4"	3.72
#BRF877	3/8"	4.91
#BRF879	1/2"	7.32



REDUCING NIPPLE		
#BRF755	3/8" x 1/4"	1.31
#BRF757	1/2" x 1/4"	2.30
#BRF759	1/2" x 3/8"	2.07



ADAPTER - FPT x MPT		
#BRF653	1/4" x 1/4"	1.05
#BRF654	3/8" x 1/4"	1.46
#BRF658	1/2" x 1/2"	1.74
#BRF656	1/2" x 3/8"	2.00



STREET TEE		
#BRF884	1/4"	2.72
#BRF886	3/8"	3.42
#BRF888	1/2"	8.99



NIPPLE		
#BRF721	3/8" x 1-1/2"	1.44
#BRF724	3/8" x 3"	3.08
#BRF731	1/2" x 1-1/2"	1.77
#BRF733	1/2" x 3"	4.76



STREET EL 45 DEGREE		
#BRF634	1/4"	2.25
#BRF636	3/8"	2.10
#BRF638	1/2"	3.39



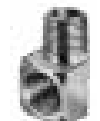
CROSS - 4-WAY		
#BRF664	1/4"	3.45
#BRF666	3/8"	6.98
#BRF668	1/2"	9.81



HEX PIPE NUT		
#BRF064	1/4"	0.99
#BRF065	3/8"	1.02
#BRF067	1/2"	1.25



STREET EL 90 DEGREE		
#BRF604	1/4"	1.82
#BRF606	3/8"	2.24
#BRF608	1/2"	5.04



PLUG		
#BRF804	1/4"	0.54
#BRF806	3/8"	1.01
#BRF808	1/2"	1.40



BARB 90 DEGREE - BARB X MPT		
#BRF370	1/4" X 1/4"	2.40
#BRF372	3/8" X 3/8"	2.66
#BRF374	3/8" X 1/2"	3.33
#BRF376	1/2" X 3/8"	3.51



ELBOW - FPT x FPT		
#BRF554	1/4"	2.01
#BRF556	3/8"	2.39
#BRF558	1/2"	3.90



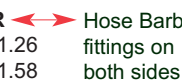
BUSHING - MPT x FPT		
#BRF404	3/8" x 1/4"	0.80
#BRF406	1/2" x 1/4"	1.17
#BRF407	1/2" x 3/8"	1.17



HOSE BARBS - BARB X MPT		
#BRF354	1/4" x 1/4"	.89
#BRF358	3/8" x 3/8"	1.11
#BRF356	3/8" x 1/2"	1.74
#BRF366	5/8" x 3/4"	2.34
#BRF359	1/2" x 3/8"	1.29
#BRF362	1/2" x 1/2"	1.04
#BRF368	3/4" x 3/4"	2.10



HOSE BARB MENDER		
#BRF200	1/4"	1.26
#BRF204	3/8"	1.58
#BRF208	1/2"	1.88



316 STAINLESS STEEL

BUSHING - MPT x FPT		
#SSF404	3/8" x 1/4"	3.95
#SSF407	1/2" x 3/8"	3.95
#SSF411	3/4" x 1/2"	4.95



HOSE BARBS - BARB X MPT		
#SSF354	1/4" x 1/4"	4.95
#SSF358	3/8" x 3/8"	5.95
#SSF362	1/2" x 1/2"	7.95



HEX NIPPLE		
#SSF754	1/4"	3.95
#SSF756	3/8"	4.95
#SSF758	1/2"	5.95



STREET EL 90 DEGREE		
#SSF604	1/4"	4.95
#SSF606	3/8"	5.95
#SSF608	1/2"	6.95



HOSE CARE

Do everything possible to keep high-pressure hose from being run over. The normally round wire braid is crushed when the hose is run over. When the braid is crushed it develops weak spots that sooner or later result in hose failure. The higher the PSI rating on the hose the stronger the braid becomes. The stronger the braid the more resistant it is to crushing. Vehicles running over hose on concrete or asphalt will crush the hose more than on a soft surface like gravel. Hose that is very hot will crush easier than hose that is cold. Hose that is pulled hard when caught on tires or building edges can be damaged. Don't yank the hose. Avoid pulling hose around sharp corners. This can cut the hose outer cover. When washing on high buildings or roofs, hose crimped ends are not designed to withstand the pull of the hose weight hanging beneath them. When working in this environment use a single hose length or find a way to tie off the hose at intervals that keep the maximum hanging hose at any one interval to less than 150 feet.

Safety Relief Valve

- Fully adjustable
- Rated up to 6,000 PSI
- Handles up to 12 GPM
- Rated to 195°F



PART #	DESCRIPTION	NET PRICE
1123	RELIEF VALVE, 3/8" MPT	\$ 9.95
1126	RELIEF VALVE, 3/8 W/BARB	\$ 19.73

Easy Start Valve

- Installs on the high pressure (outlet) side of the pump and relieves the "back-pressure" during start-up.



PART #	DESCRIPTION	PRICE
1124	EZ START VALVE	\$ 13.13

Pump Thermal Protector

- Installs on the inlet side of the pump
- When by-pass water reaches 145° the valve opens to allow heated water to escape to atmosphere.
- Only recommended for machines being force-fed from a water source. If you are running a gas engine and pulling from a tank you should be using an Allison Engine Terminator.



PART #	DESCRIPTION	PRICE
1076	1/2" w/ PLASTIC BARB	\$ 10.93
1062	3/8" w/ BRASS BARB	\$ 14.23

Burst Disc

THAT COULD SAVE A LIFE. MAYBE YOURS!

If you are standing around with the gun in the off position and the burner fails to "shut down" be prepared for a serious explosion. Coils will generally blow apart at between 10,000 & 20,000 PSI and when they do chances are someone will get seriously hurt or killed. When this happens the coil and tank will rupture and come apart.



- Pre-set to "BURST" at 5,000 psi

PART #	DESCRIPTION	PRICE
1106	BURST DISC, 5,000 PSI	\$ 27.42

Exhaust Hood Swivels, Non-Adjustable

**MOSMATIC
HOT WATER SWIVELS**

- Fixed nozzle positioning ideally suited to be dropped down the exhaust hood.

To order the correct nozzles take the nozzle that you are presently using and divide it by the number of nozzles required by the Exhaust Hood Swivel you are ordering. For example: If you typically use a #6 nozzle such as a #1506 and you are buying a 3-Nozzle Swivel you will order 3 each #2 nozzles such as a #1502.



These swivels require
1/8" MEG Nozzles
Sold Separately

PART #	DESCRIPTION	PRICE
2-NOZZLE HIGH SPEED		
1519	FIXED, 3", 2 NOZZLE	NET PRICE \$ 239.95
1520	FIXED, 6", 2 NOZZLE	NET PRICE \$ 249.95
1521	FIXED, 12", 2 NOZZLE	NET PRICE \$ 259.95
1522	FIXED, 16", 2 NOZZLE	\$ 303.71
1523	FIXED, 20", 2 NOZZLE	\$ 336.29
1524	FIXED, 24", 2 NOZZLE	\$ 344.43
3-NOZZLE HIGH SPEED		
1531	FIXED, 3", 3 NOZZLE	\$ 294.18
1532	FIXED, 6", 3 NOZZLE	\$ 305.55
1533	FIXED, 12", 3 NOZZLE	\$ 311.10
1534	FIXED, 16", 3 NOZZLE	\$ 316.64
1535	FIXED, 20", 3 NOZZLE	\$ 349.79
1536	FIXED, 24", 3 NOZZLE	\$ 355.33

Exhaust Hood Swivels, Adjustable

**MOSMATIC
HOT WATER SWIVELS**

- Adjustable nozzle positioning to allow the swivel to pull itself.

To order the correct nozzles take the nozzle that you are presently using and divide it by the number of nozzles required by the Exhaust Hood Swivel you are ordering. For example: If you typically use a #6 nozzle such as a #1506 and you are buying a 3-Nozzle Swivel you will order 3 each #2 nozzles such as a #1502.



These swivels require
1/8" MEG Nozzles
Sold Separately

PART #	DESCRIPTION	PRICE
2-NOZZLE HIGH SPEED		
1525	ADJUSTABLE, 3", 2 NOZZLE	NET PRICE \$ 269.95
1526	ADJUSTABLE, 6", 2 NOZZLE	NET PRICE \$ 289.95
1527	ADJUSTABLE, 12", 2 NOZZLE	NET PRICE \$ 299.95
1528	ADJUSTABLE, 16", 2 NOZZLE	NET PRICE \$ 299.95
1529	ADJUSTABLE, 20", 2 NOZZLE	NET PRICE \$ 329.95
1530	ADJUSTABLE, 24", 2 NOZZLE	NET PRICE \$ 339.95
3-NOZZLE HIGH SPEED		
1537	ADJUSTABLE, 3" 3 NOZZLE	\$ 333.66
1538	ADJUSTABLE, 6" 3 NOZZLE	\$ 344.87
1539	ADJUSTABLE, 12" 3 NOZZLE	\$ 377.96
1540	ADJUSTABLE, 16" 3 NOZZLE	\$ 386.30
1541	ADJUSTABLE, 20" 3 NOZZLE	\$ 419.63
1542	ADJUSTABLE, 24" 3 NOZZLE	\$ 427.82

Now you see why more and more PRESSURE WASHER OWNERS

Call 1-800-346-4876



Drum Siphon Pump

- The industry's #1 selling siphon pumps
- Each will pump up to 7 gallons per minute
- Can be cut down to fit 5 gallon pails

"Lid-Off" Pail Lid Remover



- Safely remove lids from buckets

PART #	DESCRIPTION	NET PRICE
1650	SIPHON PUMP, HEAVY DUTY	\$ 9.95
1781	SIPHON PUMP, EXTREME DUTY	\$ 15.95

PART #	DESCRIPTION	PRICE
1652	PAIL LID REMOVER	\$ 5.22

Spirit

Rufus

Slim

These guys eat...
...because you buy!
Thank you so much

"The greatness of a nation and its moral progress can be judged by the way its animals are treated." ~ Mahatma Gandhi

ENVIROSPEC

High Pressure Foam Cannon



- Throws thick foam for deep cleaning
- Works on systems up to 6.6 GPM
- Rated to 3,000 PSI
- Order with or without bottle

PART #	DESCRIPTION	PRICE
1272	FOAM CANNON, NO BOTTLE	\$ 51.59
1273	FOAM CANNON W/TANK	\$ 62.58

Garden Hose Quick Connects

Industrial Quality
Solid Brass Construction



PART #	DESCRIPTION	PRICE
1016	QUICK CONNECT PLUG	\$ 2.14
1017	QUICK CONNECT COUPLER	\$ 3.13
1018	QUICK CONNECT, COMPLETE SET	\$ 4.48

"Sludge Sucker"

- Place the black foot into the flooded area. Connect the pressure washer hose to the foot. Stretch out the blue discharge hose and pull the trigger on the pressure washer and watch the flooded area disappear.



PART #	DESCRIPTION	PRICE
1348	SLUDGE SUCKER	\$ 50.49

Master Card, VISA, AMEX, Discover ○ 1-800-346-4876 ○ Minimum Order \$50.00

SPECIALTY ROTATING CLEANING EQUIPMENT

Best Price Anywhere
GUARANTEED!

\$399.95
#1869



MUD-CAT Under Carriage Cleaner



Increase your bottom line for offering more services such as this.

- o Includes 7500 PSI Ball Valve
- o Collapses for easy storage

- o Spins up to 3,000 RPM at 4,000 PSI
- o Has 2 each 0° Nozzles for ripping heavy build-up and 2 each 15° Nozzles that rinse it away

ROOF CLEANER from: **MOSMATIC**

\$895.00
#1863

height (adjustable) from 7.7-9"

Nozzles Not Included

Wheel Width (adjustable) from 21.6"-25.2"

Max Pressure 4000 PSI
Nozzles Not Included

Stainless Steel Housing provide approximately 21" of Cleaning

Weight 31.9 lbs

Super Heavy Duty Sand Blast Kit*

Heavy Duty
PSI: 5,500
GPM: 10
Weight: 9.25 lbs.



*0° Nozzle Required

PART #	DESCRIPTION	PRICE
1288	SAND BLAST KIT W/25' OF HOSE*	\$ 76.87

Commercial Sand Blast Kit

Medium Duty
PSI: 3,500
GPM: 10
Weight: 9.25 lbs.



PART #	DESCRIPTION	PRICE
1287	KIT, W/10' OF HOSE & PROBE	\$ 49.40

Roof & Ice Walkers

High quality, easy to put over boots. These walkers provide fantastic traction. Don't risk a fall, keep these on your truck for use in slippery conditions.



Unique 360° spike pattern provides more push off and lateral grip. The replaceable Ice Diamond™ carbide spikes are integrated into the new open/close split rubber tread for ultimate traction.



PART #	DESCRIPTION	PRICE
1683	GET-A-GRIP WALKERS 4-7 SHOE	\$ 37.85
1684	GET-A-GRIP WALKERS 7-10 SHOE	\$ 37.85
1685	GET-A-GRIP WALKERS 10-14 SHOE	\$ 37.85

Unloader Mounting Block

- Takes the load off of the pump head
- Solid brass
- Rated to 5,000 PSI



PART #	DESCRIPTION	PRICE
1081	MOUNTING BLOCK, 3/8" X 3/8"	\$ 14.23
1082	MOUNTING BLOCK, 3/8" X 1/2"	\$ 14.23
1083	MOUNTING BLOCK, 1/2" X 1/2"	\$ 14.23

K-7 & K-5 Unloader Hi-Spike By-pass Hose

- Flexible 1/4" 'hi-spike' line
- Eliminates "surging" on flow actuated unloaders
- 300 PSI working
- 1,200 PSI burst

Eliminates "Surging"



PART #	DESCRIPTION	PRICE
1195	**E** HOSE, HI-SPIKE BY-PASS	\$ 1.65

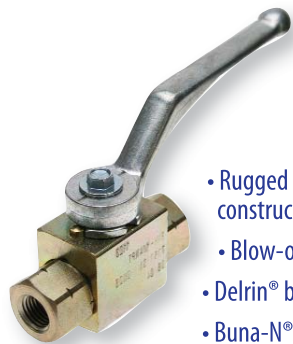
New from
ENVIROSPEC
The Industry's
"Best Buy"
Ball Valve
6,000 PSI
316 STAINLESS



PART #	DESCRIPTION	NET PRICE
1666	1/4" FPT X FPT	\$ 29.95
1667	3/8" FPT X FPT	\$ 49.95
1668	1/2" FPT X FPT	\$ 49.95

High Pressure Ball Valves - to 7,500 psi

3-Way Ball Valve



- Rugged carbon steel construction
- Blow-out proof stem
- Delrin® ball seats
- Buna-N® o'rings

PART #	DESCRIPTION	NET PRICE
2-WAY BALL VALVE		
1304	BALL VALVE, 1/4", 7,500 PSI	\$ 19.45
1305	BALL VALVE, 3/8", 7,500 PSI	\$ 19.95
1306	BALL VALVE, 1/2", 5,000 PSI	\$ 22.95
3-WAY BALL VALVE		
1467	3 WAY BALL VALVE, 5000 PSI, 1/4"	\$ 43.90
1468	3 WAY BALL VALVE, 5000 PSI, 3/8"	\$ 43.90
1469	3 WAY BALL VALVE, 5000 PSI, 1/2"	\$ 43.90

- For setting up dual chemical feeds
- Solid brass construction
- Arrow-on indicator
- All you need is 3 hose barbs and you are in the dual chemical business



PART #	DESCRIPTION	PRICE
1308	3-WAY BALL VALVE, 1/4"	\$ 29.62

Stainless Steel Ball Valves - 2,000 psi

- Rated to 2,000 psi



- 2-piece, 316 stainless
 - Glass filled Teflon® seats
- TEMP RATING
180° F @ 2,000 PSI
300° F @ 1,000 PSI
350° F @ 300 PSI

PART #	DESCRIPTION	PRICE
2159	STAINLESS BALL VALVE, 2000PSI 1/2"	\$ 32.91
2181	STAINLESS BALL VALVE, 2000PSI 3/4"	\$ 32.91

Industrial Ball Valves

- Rated to 3,000 PSI



PART #	DESCRIPTION	NET PRICE
1303	3/8", CARBON STEEL, 3,000 PSI	\$ 24.12
1669	3/8", BRASS PLATED, 3,000 PSI	\$ 33.95
1670	1/2", BRASS PLATED, 3,000 PSI	\$ 43.95

Chemical Metering Ball Valve

- Solid brass construction
- MPT x 1/4" hose barb
- Can be used in conjunction with our 3-way valve to quickly meter chemicals by simply "throttling" the valve



PART #	DESCRIPTION	PRICE
1307	1/4" Barb x 1/4" MPT, 500 PSI	\$ 14.23

Mini Ball Valve

- Designed for tight places
- 1 3/4" long
- Compact knob
- Rated to 220 PSI



PART #	DESCRIPTION	PRICE
1461	MINI BALL VALVE, 1/8"	\$ 8.74
1462	MINI BALL VALVE, 1/4"	\$ 10.93
1464	MINI BALL VALVE, 3/8"	\$ 10.93
1465	MINI BALL VALVE, 1/2"	\$ 10.93

Mini Ball Valve with Longer Handles

- Rated to 200 PSI
- Packings are chemical resistant
- Extra long handle for easier operation. Especially if you have 'slippery' hands



PART #	DESCRIPTION	PRICE
1075	1/4" FPT x FPT	\$ 8.74
1084	1/4" FPT x MPT	\$ 8.74
1122	3/8" FPT x FPT	\$ 8.74
1125	3/8" FPT x MPT	\$ 8.74
1134	1/2" FPT x FPT	\$ 9.84
1147	1/2" FPT x MPT	\$ 9.84

Flex Lances

- Flexes 180° and returns.
- Great for wheel wells on autos.
- 18" long x 1/4" MPT in & out on plated steel.
- 1/4" MPT In & 1/4" FPT out on stainless.
- Max pressure 2,500 PSI



PART #	DESCRIPTION	PRICE
1795	FLEXIBLE LANCE PLATED STEEL	\$ 9.07
1796	FLEX LANCE, STAINLESS STEEL	\$ 13.13

Chemical Metering Valve

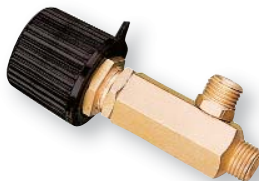
- Stainless & Brass
- Rated to 4,000 PSI
- Viton gland seals
- Heavy duty brass bar stock
- Panel mountable



PART #	DESCRIPTION	NET PRICE
2447	CHEMICAL METERING VALVE	\$ 9.95

Chemical "L" Metering Valve

- Up to 440 PSI
- Up to 3 GPM
- Up to 100 F



PART #	DESCRIPTION	NET PRICE
1317	METERING VALVE 90 DEGREE	\$ 15.95

Chemical "T" Metering Valves

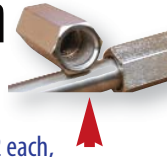
- Up to 440 PSI
- Up to 3 GPM
- Up to 100 F



PART #	DESCRIPTION	NET PRICE
1289	1/4" MPT X 1/4" MPT	\$ 14.95
1290	1/4" FPT X 1/4" FPT	\$ 14.95

Schedule 80 Aluminum Lances

96" lances are sold with 2 each, 48" sections with a special lance coupler



PART #	DESCRIPTION	PRICE
WITH GRIPS & 1/4" MPT INLET/OUTLET		
1354	24" LANCE W/GRIP	\$ 9.84
1356	36" LANCE W/GRIP	\$ 10.93
1358	48" LANCE W/GRIP	\$ 14.23
1360	60" LANCE W/GRIP	\$ 16.43
1364	96" LANCE W/GRIP	\$ 20.82
WITHOUT GRIPS & 1/4" MPT INLET/OUTLET		
1353	24" ALUMINUM LANCE NO GRIP	\$ 5.44
1355	36" ALUMINUM LANCE NO GRIP	\$ 7.64
1357	48" ALUMINUM LANCE NO GRIP	\$ 9.84
1359	60" ALUMINUM LANCE NO GRIP	\$ 12.03
1361	72" ALUMINUM LANCE NO GRIP	\$ 14.23
1363	96" ALUMINUM LANCE NO GRIP	\$ 18.63

Lance Couplers

- Keeps lances from breaking at thread level.
- The stabilizing shoulder is recessed deep into the coupling before the thread starts.



PART #	DESCRIPTION	PRICE
1021	PLUG, PLATED 1/4" FTP	\$ 1.09
1022	COUPLER, PLATED 1/4" FTP	\$ 3.29
1023	PLUG, STAINLESS 1/4" FTP	\$ 2.63
1024	COUPLER, STAINLESS 1/4" FTP	\$ 4.60
1258	DEEP SHOULDER LANCE COUPLING	\$ 3.24

Gutter Sweep

- 12" gutter cleaner • 1/4" QC connectors
- "Attach it to the end of your lance, snap in your favorite nozzle, position it over the gutter ...and pull the trigger!"



PART #	DESCRIPTION	PRICE
1814	GUTTER SWEEP - Standard Quick Connects	\$ 9.84
1815	GUTTER SWEEP - Twist Fast QC Inlet	\$ 21.92

Stainless & Zinc Plated Lances

All Lances have Grips

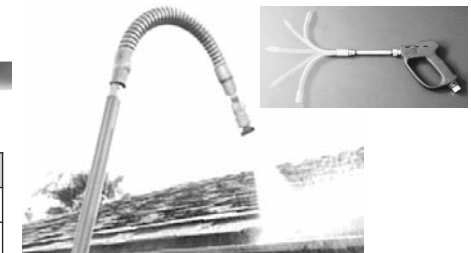
1/4 MPT In/Out



PART #	DESCRIPTION	PRICE
ZINC PLATED - 1/4" MPT IN/OUT		
1236	STRAIGHT, 12"	\$ 4.34
1237	STRAIGHT, 24"	\$ 4.34
1238	STRAIGHT, 36"	\$ 5.44
1242	15° BENT, 36"	\$ 10.93
1239	STRAIGHT, 48"	\$ 7.64
1243	15° BENT, 48"	\$ 14.23
1240	STRAIGHT, 60"	\$ 12.03
1244	15° BENT, 60"	\$ 19.73
1241	STRAIGHT, 79"	\$ 14.23
1245	15° BENT, 79"	\$ 21.92
STAINLESS STEEL - 1/4" MPT IN/OUT		
1246	STRAIGHT, 24"	\$ 8.74
1247	STRAIGHT, 36"	\$ 14.23
1251	15° BENT, 36"	\$ 17.53
1248	STRAIGHT, 48"	\$ 21.92
1252	15° BENT, 48"	\$ 28.52
1249	STRAIGHT, 60"	\$ 25.22
1253	15° BENT, 60"	\$ 27.42
1250	STRAIGHT, 79"	\$ 31.81
1254	15° BENT, 79"	\$ 32.91

SPRAY-FLEX Lances

- Holds Shape up to 5000 PSI



PART #	DESCRIPTION	PRICE
1691	Rated to 3,000 PSI	\$ 52.69
1692	Rated to 5,000 PSI	\$ 58.19

Lance Side Handle & Grip

These grips fit all 1/4" lances without molded grips as well as any 1/4" pipe.



PART #	DESCRIPTION	PRICE
1260	ADJUSTABLE SIDE HANDLE WITH NUT	\$ 3.29
1612	VENTED GRIP FITS 1/4" LANCE	\$ 5.66

SAVE 10% ON E-MAIL/FAX ORDERS UNLESS 'NET' PRICE APPEARS

Zinc Lance with Diverter Trigger

- Nozzle Protector
- Pull the Trigger to Draw Soap
- Release the Trigger for High Pressure
- 1/4" MPT inlet - 1/8" discharge pipes

- **TEMP:** 300°F
- **GPM:** 10.5
- **PSI:** 3,600



PART #	DESCRIPTION	PRICE
1235	DUAL LANCE - WITH DIVERTER TRIGGER	\$ 49.40

Premium Series Stainless

- 1/4" MPT inlet
- 1/4" outlets draws more chemical



FOR HIGHLY CORROSIVE ENVIRONMENTS

- **TEMP:** 300°F
- **GPM:** 10.5
- **PSI:** 4,100

"1263" attach to gun for "close quarter" work such as car lots.

PART #	DESCRIPTION	PRICE
1263	11 INCH DUAL LANCE, STAINLESS STEEL	\$ 43.90
1264	27 INCH DUAL LANCE, STAINLESS STEEL	\$ 47.20
1265	37 INCH DUAL LANCE, STAINLESS STEEL	\$ 48.30
1262	42 INCH DUAL LANCE, STAINLESS STEEL	\$ 49.40

Dual Lances

new 'deluxified' ready-to-go Lances

- Zinc-Plated Steel
- General/InterPump Brand
- 1/4" MPT inlet - 1/8" discharge pipes



36" Dual Lance, Zinc-Plated Steel with "Quick Connects" installed for pressure & soap nozzle.....Part #1256

- **TEMP:** 284°F
- **GPM:** 10.5
- **PSI:** 3,000

PART #	DESCRIPTION	PRICE
1255	DUAL LANCE, ZINC PLATED , 36"	\$ 60.38
1256	DUAL LANCE, ZINC PLATED 36", w/ QUICK CONNECTS	\$ 65.88
1257	DUAL LANCE, ZINCE PLATED, 72"	\$ 76.87

Performance Nozzle for Telescoping Wands

"PUSH" for Soap "Pull" for Pressure

- Quickly attaches to the telescoping wand to increase the chemical application distance by 25 feet & the wash/rinse distance by 40 feet.
- You can apply chemical from 0-65 degrees and rinse from 0-65 degrees without changing the nozzle.
- The 45 degree angle also helps support over 60% of the lance weight when trigger is pulled.



Laser Spray at 0°
Fan Spray up to 65°
with a simple twist!

PART #	DESCRIPTION	PRICE
1347	3.5 Nozzle Size, 4,100 PSI, 190°	\$ 21.92
1365	4.0 Nozzle Size, 4,100 PSI, 190°	\$ 21.92
1424	4.5 Nozzle Size, 4,100 PSI, 190°	\$ 21.92
1440	5.0 Nozzle Size, 4,100 PSI, 190°	\$ 21.92
1466	5.5 Nozzle Size, 4,100 PSI, 190°	\$ 21.92
1470	6.0 Nozzle Size, 4,100 PSI, 190°	\$ 21.92
1590	6.5 Nozzle Size, 4,100 PSI, 190°	\$ 21.92
1594	7.0 Nozzle Size, 4,100 PSI, 190°	\$ 21.92
1623	8.0 Nozzle Size, 4,100 PSI, 190°	\$ 21.92

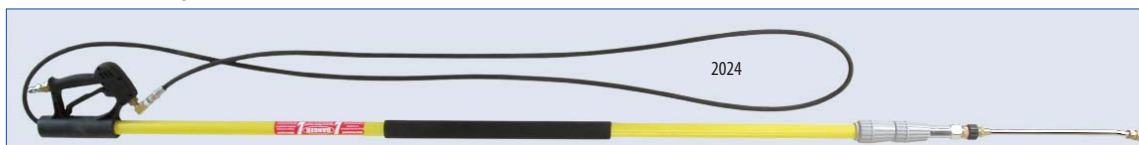


2028

Replacement Gun

Telescoping 'Long Wands'

RATED TO 4,000 PSI



2024



#1815

PART #	DESCRIPTION	PRICE
2024	3 Section to 24' with 3/8" Hose NET PRICE ▶	\$ 99.95
2029	Gun fits 2024	\$ 27.42
1815	Gutter Sweep with Twist Type Connects	\$ 21.92
2028	'Load Bearing' Belt / Harness	\$ 16.50

We have been selling long wands since the first ones came out. The 'BE' Long Wand was the best 'way-back-when' and still is today.

Industrial Hose Reel

The Industry's Best Hose Reel Value!
They're Rugged!

Solid Steel Construction, Durable Powder Coat,
Direct Hand Crank rewind, Full Flow Swivel Brass
Joint, 5,000 PSI Rated, 3-1 Burst Factor



PART #	DESCRIPTION	NET PRICE
1313	HOLDS 50' of 3/8" 1-wire	\$ 54.95
1314	HOLDS 100' of 3/8" 1-wire	\$ 65.93
1315	HOLDS 150' of 3/8" 1-wire	\$ 76.92
1316	HOLDS 200' of 3/8" 1-wire	\$ 87.91
REPLACEMENT SWIVELS		
1008	SWIVEL, FITS #1313 & 1314	\$ 17.53
1001	SWIVEL, FITS #1315 & 1316	\$ 17.53
REPLACEMENT HANDLE		
1002	REPLACEMENT HANDLE	\$ 5.66

M-Series Compact Mini Hose Reel

- Only 14.5" tall
- Fully adjustable brake
- Heavy duty ABS bearings require no lubrication
- This reel is ideally suited to fit into tight space applications

• 7-10 DAY BUILD TIME

PART #	DESCRIPTION	NET PRICE
1862	MINI REEL - HOLDS 75' 3/8" or 50' 1/2"	\$ 175.20
1857	MINI REEL - HOLDS 150' 3/8" or 100' 1/2"	\$ 197.80



HOSETRACT

M-Series Manual Hose Reel

- Hosetract industrial hose reels offer a durable and simple design.
- Self lubricating ABS bearings.
- Adjustable brake-adjust tension with hand knob.
- Heavy duty brass swivel to reduce corrosion potential.

• 7-10 DAY BUILD TIME



ADD STAINLESS STEEL PLUMBING
to any Hosetract Reel for only
\$78.19 - #3303

Stackable Frame Hose Reel

- Stack capability with no added parts needed
- Self lubricating ABS bearings
- Adjustable brake - adj, tension w/hand knob
- HD - 4,000 PSI swivel for longer service
- Part number represents one reel

• 7-10 DAY BUILD TIME



HOSETRACT

E-Series 12V Electric Hose Reel

- 12 V DC motor driven
 - Self lubricating ABS bearings
 - Motor sprocket & chain pinch points are safe guarded
 - Brass swivel reduces corrosion
- 7-10 Day Build Time, Must ship freight lines

PART #	DESCRIPTION	NET PRICE
1782	12v ELECTRIC - HOLDS 350' 3/8" or 275' 1/2"	\$ 467.03
1783	12v ELECTRIC - HOLDS 450' 3/8" or 375' 1/2"	\$ 494.51
1784	12v ELECTRIC - HOLDS 550' 3/8" or 475' 1/2"	\$ 587.91

PART #	DESCRIPTION	NET PRICE
1861	HOLDS 100' 3/8" or 75' 1/2"	\$ 171.20
1856	HOLDS 250' 3/8" or 175' 1/2"	\$ 183.50
1858	HOLDS 350' 3/8" or 275' 1/2"	\$ 194.50
1859	HOLDS 450' 3/8" or 375' 1/2"	\$ 224.50
1860	HOLDS 550' 3/8" or 475' 1/2"	\$ 239.95
STAINLESS STEEL		
1868	HOLDS 100' 3/8" or 75' 1/2"	\$ 427.35
1864	HOLDS 250' 3/8" or 175' 1/2"	\$ 475.63
1865	HOLDS 350' 3/8" or 275' 1/2"	\$ 485.64
1866	HOLDS 450' 3/8" or 375' 1/2"	\$ 515.07
1867	HOLDS 550' 3/8" or 475' 1/2"	\$ 536.45

PART #	DESCRIPTION	NET PRICE
1948	STACKER, HOLDS 250' 3/8" or 175' 1/2"	\$ 189.95
1949	STACKER, HOLDS 350' 3/8" or 275' 1/2"	\$ 199.95
1950	STACKER, HOLDS 450' 3/8" or 375' 1/2"	\$ 229.95
1951	STACKER, HOLDS 550' 3/8" or 475' 1/2"	\$ 249.95
STAINLESS STEEL		
1952	STACKER, HOLDS 250' 3/8" or 175' 1/2"	\$ 475.63
1953	STACKER, HOLDS 350' 3/8" or 275' 1/2"	\$ 496.18
1954	STACKER, HOLDS 450' 3/8" or 375' 1/2"	\$ 523.96
1955	STACKER, HOLDS 550' 3/8" or 475' 1/2"	\$ 543.48

SAVE 10% ON E-MAIL/FAX ORDERS UNLESS 'NET' PRICE APPEARS

"Jumper Hose" Machine To Reel



- Connects Equipment to the Reel
- Rated to over 4400 PSI
- One Swivel End and One Fixed End

PART #	DESCRIPTION	PRICE
1172	2' JUMPER HOSE WITH ENDS	\$ 10.93
1173	3' JUMPER HOSE WITH ENDS	\$ 12.03
1174	4' JUMPER HOSE WITH ENDS	\$ 13.13
1175	5' JUMPER HOSE WITH ENDS	\$ 14.23
1176	6' JUMPER HOSE WITH ENDS	\$ 15.33
1177	7' JUMPER HOSE WITH ENDS	\$ 17.53
1178	8' JUMPER HOSE WITH ENDS	\$ 19.73
1179	9' JUMPER HOSE WITH ENDS	\$ 20.82
1180	10' JUMPER HOSE WITH ENDS	\$ 21.92
1181	11' JUMPER HOSE WITH ENDS	\$ 23.02
1182	12' JUMPER HOSE WITH ENDS	\$ 24.12
1183	13' JUMPER HOSE WITH ENDS	\$ 25.22
1184	14' JUMPER HOSE WITH ENDS	\$ 26.32
1185	15' JUMPER HOSE WITH ENDS	\$ 27.42
1186	16' JUMPER HOSE WITH ENDS	\$ 28.52
1187	17' JUMPER HOSE WITH ENDS	\$ 29.62
1188	18' JUMPER HOSE WITH ENDS	\$ 30.60
1189	19' JUMPER HOSE WITH ENDS	\$ 31.81
1190	20' JUMPER HOSE WITH ENDS	\$ 32.91

Re-Usable Hose Ends

Excellent for field repairs and temporary fixes of high pressure hose.



Repairs can be made with two standard wrenches, no special tools are required.

PART #	DESCRIPTION	PRICE
1191	1 WIRE, 3/8", FIXED	\$ 7.50
1192	1 WIRE, 3/8", SWIVEL	\$ 12.99
1193	2 WIRE, 3/8", FIXED	\$ 8.59
1194	2 WIRE, 3/8", SWIVEL	\$ 13.80

SERPENTINE Pressure Wash Hose

- Super tough cover design
- 1 ea. 3/8" MPT swivel end
- 1 ea. 3/8" MPT fixed end
- Temperature to 250°F
- Tough wrapped outer cover
- Strain reliefs on both ends

Length Greater Than 150' Drop Ships From Manufacturer

SERPENTINE Pressure Wash Hose

PART #	DESCRIPTION	PRICE
3,000 PSI - 1/2" BLACK HOSE - ONE WIRE		
1700	HOSE, BLACK, 50'	\$ 74.67
1701	HOSE, BLACK, 100'	\$ 141.70
4,500 PSI - 1/2" BLACK HOSE - TWO WIRE		
1710	HOSE, BLACK, 50'	\$ 84.56
1711	HOSE, BLACK, 100'	\$ 161.68

Sewer Jetting Hose



- 3,000 PSI Thermo-plastic covering
- Maximum flexibility & very lightweight

PART #	DESCRIPTION	PRICE
1/4" Hose with 1/4" MPT x 1/8" MPT		
1318	50' BLACK, 3,000 PSI	\$ 50.49
1319	100' BLACK, 3,000 PSI	\$ 93.35
1320	150' BLACK, 3,000 PSI	\$ 135.11
1321	200' BLACK, 3,000 PSI	\$ 177.97
1322	250' BLACK, 3,000 PSI	\$ 219.73
1323	300' BLACK, 3,000 PSI	\$ 285.66
1/8" Hose with 1/4" MPT x 1/8" MPT		
1324	50' BLACK, 3,000 PSI	\$ 38.41
1325	100' BLACK, 3,000 PSI	\$ 66.98
1326	150' BLACK, 3,000 PSI	\$ 96.65
1327	200' BLACK, 3,000 PSI	\$ 125.22
1328	250' BLACK, 3,000 PSI	\$ 164.78

The Industry's #1 SELLING HOSE
OUR 4,000 & 6,000 WEIGHS LESS
THAN THEIR 3,000 & 4,500 PSI
AND LASTS MUCH LONGER!



SERPENTINE IS NET PRICE

PART #	DESCRIPTION	ALL NET
4,000 PSI - 3/8" BLACK - ONE WIRE		
1708	WRAPPED HOSE, BLACK, 50', 9.5 LBS.	\$ 39.95
1709	WRAPPED HOSE, BLACK, 100', 18 LBS.	\$ 74.95
4,000 PSI - 3/8" NON-MARKING - GREY - ONE WIRE		
1804	WRAPPED HOSE, GREY, 50', 9.5 LBS.	\$ 49.95
1805	WRAPPED HOSE, GREY, 100', 18 LBS.	\$ 91.95
6,000 PSI - 3/8" BLACK - TWO WIRE		
6001	WRAPPED HOSE, BLACK, 50', 15 LBS.	\$ 49.95
6002	WRAPPED HOSE, BLACK, 100', 28 LBS.	\$ 94.95
6003	WRAPPED HOSE, BLACK, 150'	\$ 169.77
6004	WRAPPED HOSE, BLACK, 200'	\$ 227.81
6,000 PSI - 3/8" NON-MARKING - GREY - TWO WIRE		
6101	WRAPPED HOSE, GREY, 50', 15 LBS.	\$ 62.95
6102	WRAPPED HOSE, GREY, 100', 28 LBS.	\$ 119.95
6103	WRAPPED HOSE, GREY, 150'	\$ 183.46
6104	WRAPPED HOSE, GREY, 200'	\$ 238.08

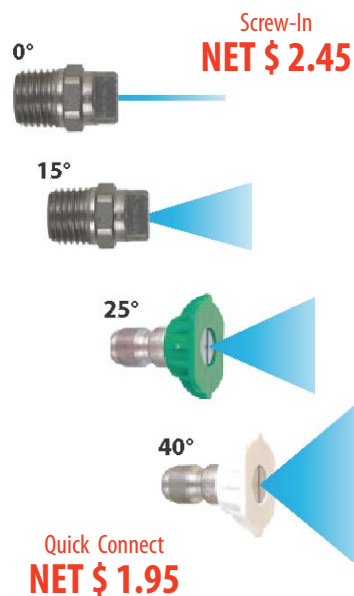
Longer Lengths Available
Call: 1-800-346-4876

Master Card, VISA, AMEX, Discover ○ 1-800-346-4876 ○ Minimum Order \$50.00

Premium LaserJet Nozzles *Best Buy - by far!*

We have found these to be the 'hardest hitting' most precise nozzle in the industry!

Stainless Steel
Available in 1/4" Screw-In or Quick Connect.



PREMIUM LASERJET NOZZLES - HIGH PRESSURE, SCREW-IN				
NOZZLE SIZE	0°	15°	25°	40°
2.0	LM-0002	LM-1502	LM-2502	LM-4002
2.5	LM-0002.5	LM-1502.5	LM-2502.5	LM-4002.5
3.0	LM-0003	LM-1503	LM-2503	LM-4003
3.5	LM-0003.5	LM-1503.5	LM-2503.5	LM-4003.5
4.0	LM-0004	LM-1504	LM-2504	LM-4004
4.5	LM-0004.5	LM-1504.5	LM-2504.5	LM-4004.5
5.0	LM-0005	LM-1505	LM-2505	LM-4005
5.5	LM-0005.5	LM-1505.5	LM-2505.5	LM-4005.5
6.0	LM-0006	LM-1506	LM-2506	LM-4006
6.5	LM-0006.5	LM-1506.5	LM-2506.5	LM-4006.5
7.0	LM-0007	LM-1507	LM-2507	LM-4007
7.5	LM-0007.5	LM-1507.5	LM-2507.5	LM-4007.5
8.0	LM-0008	LM-1508	LM-2508	LM-4008
8.5	LM-0008.5	LM-1508.5	LM-2508.5	LM-4008.5
9.0	LM-0009	LM-1509	LM-2509	LM-4009
10	LM-0010	LM-1510	LM-2510	LM-4010

PREMIUM LASERJET NOZZLES - HIGH PRESSURE, QUICK CONNECT				
NOZZLE SIZE	0°	15°	25°	40°
2.0	LQ-0002	LQ-1502	LQ-2502	LQ-4002
2.5	LQ-0002.5	LQ-1502.5	LQ-2502.5	LQ-4002.5
3.0	LQ-0003	LQ-1503	LQ-2503	LQ-4003
3.5	LQ-0003.5	LQ-1503.5	LQ-2503.5	LQ-4003.5
4.0	LQ-0004	LQ-1504	LQ-2504	LQ-4004
4.5	LQ-0004.5	LQ-1504.5	LQ-2504.5	LQ-4004.5
5.0	LQ-0005	LQ-1505	LQ-2505	LQ-4005
5.5	LQ-0005.5	LQ-1505.5	LQ-2505.5	LQ-4005.5
6.0	LQ-0006	LQ-1506	LQ-2506	LQ-4006
6.5	LQ-0006.5	LQ-1506.5	LQ-2506.5	LQ-4006.5
7.0	LQ-0007	LQ-1507	LQ-2507	LQ-4007
7.5	LQ-0007.5	LQ-1507.5	LQ-2507.5	LQ-4007.5
8.0	LQ-0008	LQ-1508	LQ-2508	LQ-4008
8.5	LQ-0008.5	LQ-1508.5	LQ-2508.5	LQ-4008.5
9.0	LQ-0009	LQ-1509	LQ-2509	LQ-4009
10	LQ-0010	LQ-1510	LQ-2510	LQ-4010

PLEASE NOTE: If you do not order by part number EnviroSpec has the option to provide you with either 'SHUR-LOC, General Pump or Spraying Systems nozzles. This may result in a 'mix-match' of Vendors when you order multiple nozzles.

0° (Red) 15° (Yellow) 25° (Green) 40° (White)

NOZZLE CHART

NOZZLE SIZE	ORIFICE DIA.	40 PSI	100 PSI	250 PSI	500 PSI	600 PSI	700 PSI	800 PSI	1000 PSI	1200 PSI	1500 PSI	2000 PSI	2500 PSI	3000 PSI	3500 PSI	4000 PSI	5000 PSI
2	.034	0.20	0.32	0.50	0.71	0.77	0.84	0.89	1.00	1.10	1.22	1.41	1.58	1.73	1.87	2.00	2.24
2.5	.039	0.25	0.40	0.63	0.88	0.97	1.05	1.12	1.25	1.37	1.53	1.77	1.98	2.17	2.34	2.50	2.80
3	.043	0.30	0.47	0.75	1.06	1.16	1.25	1.34	1.50	1.64	1.84	2.12	2.37	2.60	2.81	3.00	3.35
3.5	.048	0.35	0.55	0.88	1.24	1.36	1.46	1.57	1.75	1.92	2.14	2.47	2.77	3.03	3.27	3.50	3.91
4	.052	0.40	0.63	1.00	1.41	1.55	1.67	1.79	2.00	2.19	2.45	2.83	3.16	3.46	3.74	4.00	4.47
4.5	.055	0.45	0.71	1.13	1.59	1.74	1.88	2.01	2.25	2.46	2.76	3.18	3.56	3.90	4.21	4.50	5.03
5	.057	0.50	0.79	1.25	1.77	1.94	2.09	2.24	2.50	2.74	3.06	3.54	3.95	4.33	4.68	5.00	5.59
5.5	.060	0.55	0.87	1.38	1.94	2.13	2.30	2.46	2.75	3.01	3.37	3.89	4.35	4.76	5.14	5.50	6.15
6	.062	0.60	0.95	1.50	2.12	2.32	2.51	2.68	3.00	3.29	3.67	4.24	4.74	5.20	5.61	6.00	6.71
6.5	.064	0.65	1.03	1.63	2.30	2.52	2.72	2.91	3.25	3.56	3.98	4.60	5.14	5.63	6.08	6.50	7.27
7	.067	0.70	1.11	1.75	2.47	2.71	2.93	3.13	3.50	3.83	4.29	4.95	5.53	6.06	6.55	7.00	7.83
7.5	.070	0.75	1.19	1.88	2.65	2.90	3.14	3.35	3.75	4.11	4.59	5.30	5.93	6.50	7.02	7.50	8.39
8	.072	0.80	1.26	2.00	2.83	3.10	3.35	3.58	4.00	4.38	4.90	5.66	6.32	6.93	7.48	8.00	8.94
8.5	.074	0.85	1.34	2.13	3.01	3.29	3.56	3.80	4.25	4.66	5.21	6.01	6.72	7.36	7.95	8.50	9.50
9	.076	0.90	1.42	2.25	3.18	3.49	3.76	4.02	4.50	4.93	5.51	6.36	7.12	7.79	8.42	9.00	10.06
9.5	.078	0.95	1.50	2.38	3.36	3.68	3.97	4.25	4.75	5.20	5.82	6.72	7.51	8.23	8.89	9.50	10.62
10	.080	1.00	1.58	2.50	3.54	3.87	4.18	4.47	5.00	5.48	6.12	7.07	7.91	8.66	9.35	10.00	11.18
11	.083	1.10	1.74	2.75	3.89	4.26	4.60	4.92	5.50	6.02	6.74	7.78	8.70	9.53	10.29	11.00	12.30
12	.087	1.20	1.90	3.00	4.24	4.65	5.02	5.37	6.00	6.57	7.35	8.49	9.49	10.39	11.22	12.00	13.42
12.5	.089	1.25	1.98	3.13	4.42	4.84	5.23	5.59	6.25	6.85	7.65	8.84	9.88	10.83	11.69	12.50	13.98
13	.091	1.30	2.06	3.25	4.60	5.03	5.44	5.81	6.50	7.12	7.96	9.19	10.28	11.26	12.16	13.00	14.53
14	.093	1.40	2.21	3.50	4.95	5.42	5.86	6.26	7.00	7.67	8.57	9.90	11.07	12.12	13.10	14.00	15.65
15	.096	1.50	2.37	3.75	5.30	5.81	6.27	6.71	7.50	8.22	9.19	10.61	11.86	12.99	14.03	15.00	16.77
20	.109	2.00	3.16	5.00	7.07	7.75	8.37	8.94	10.00	10.95	12.25	14.14	15.81	17.32	18.71	20.00	22.36
25	.125	2.50	3.95	6.25	8.84	9.68	10.46	11.18	12.50	13.69	15.31	17.68	19.76	21.65	23.39	25.00	27.95
30	.141	3.00	4.74	7.50	10.61	11.62	12.55	13.42	15.00	16.43	18.37	21.12	23.72	25.98	28.06	30.00	33.54
40	.156	4.00	6.32	10.00	14.14	15.49	16.73	17.89	20.00	21.91	24.49	28.28	31.62	34.64	37.42	40.00	44.72
50	.172	5.00	7.91	12.50	17.68	19.36	20.92	22.36	25.00	27.39	30.62	35.36	39.53	43.30	46.77	50.00	55.90
60	.188	6.00	9.49	15.00	21.21	23.24	25.10	26.83	30.00	32.86	36.74	42.43	47.43	51.96	56.12	60.00	67.08

GPM

SAVE 10% ON E-MAIL/FAX ORDERS UNLESS 'NET' PRICE APPEARS

Spraying Systems Nozzles

PLEASE NOTE: If you do not order by part number EnviroSpec has the option to provide you with either 'SHUR-LOC' or Spraying Systems nozzles. This may result in a 'mix-match' of Vendors when you order multiple nozzles.



PLEASE NOTE: If you do not order by part number EnviroSpec has the option to provide you with either 'SHUR-LOC', General Pump or Spraying Systems nozzles. This may result in a 'mix-match' of Vendors when you order multiple nozzles.

SPRAYING SYSTEMS NOZZLES - HIGH PRESSURE, SCREW-IN				
NOZZLE SIZE	0°	15°	25°	40°
2.0	SSN-0002	SSN-1502	SSN-2502	SSN-4002
2.5	SSN-0002.5	SSN-1502.5	SSN-2502.5	SSN-4002.5
3.0	SSN-0003	SSN-1503	SSN-2503	SSN-4003
3.5	SSN-0003.5	SSN-1503.5	SSN-2503.5	SSN-4003.5
4.0	SSN-0004	SSN-1504	SSN-2504	SSN-4004
4.5	SSN-0004.5	SSN-1504.5	SSN-2504.5	SSN-4004.5
5.0	SSN-0005	SSN-1505	SSN-2505	SSN-4005
5.5	SSN-0005.5	SSN-1505.5	SSN-2505.5	SSN-4005.5
6.0	SSN-0006	SSN-1506	SSN-2506	SSN-4006
6.5	SSN-0006.5	SSN-1506.5	SSN-2506.5	SSN-4006.5
7.0	SSN-0007	SSN-1507	SSN-2507	SSN-4007
7.5	SSN-0007.5	SSN-1507.5	SSN-2507.5	SSN-4007.5
8.0	SSN-0008	SSN-1508	SSN-2508	SSN-4008
8.5	SSN-0008.5	SSN-1508.5	SSN-2508.5	SSN-4008.5
9.0	SSN-0009	SSN-1509	SSN-2509	SSN-4009
10	SSN-0010	SSN-1510	SSN-2510	SSN-4010
12	SSN-0012	SSN-1512	SSN-2512	SSN-4012

SPRAYING SYSTEMS NOZZLES - HIGH PRESSURE, QUICK CONNECT				
NOZZLE SIZE	0° (Red)	15° (YELLOW)	25° (GREEN)	40° (WHITE)
2.0	SSNQ-0002	SSNQ-1502	SSNQ-2502	SSNQ-4002
3.0	SSNQ-0003	SSNQ-1503	SSNQ-2503	SSNQ-4003
3.5	SSNQ-0003.5	SSNQ-1503.5	SSNQ-2503.5	SSNQ-4003.5
4.0	SSNQ-0004	SSNQ-1504	SSNQ-2504	SSNQ-4004
4.5	SSNQ-0004.5	SSNQ-1504.5	SSNQ-2504.5	SSNQ-4004.5
5.0	SSNQ-0005	SSNQ-1505	SSNQ-2505	SSNQ-4005
5.5	SSNQ-0005.5	SSNQ-1505.5	SSNQ-2505.5	SSNQ-4005.5
6.0	SSNQ-0006	SSNQ-1506	SSNQ-2506	SSNQ-4006
6.5	SSNQ-0006.5	SSNQ-1506.5	SSNQ-2506.5	SSNQ-4006.5
7.0	SSNQ-0007	SSNQ-1507	SSNQ-2507	SSNQ-4007
7.5	SSNQ-0007.5	SSNQ-1507.5	SSNQ-2507.5	SSNQ-4007.5
8.0	SSNQ-0008	SSNQ-1508	SSNQ-2508	SSNQ-4008
8.5	SSNQ-0008.5	SSNQ-1508.5	SSNQ-2508.5	SSNQ-4008.5
9.0	SSNQ-0009	SSNQ-1509	SSNQ-2509	SSNQ-4009
10	SSNQ-0010	SSNQ-1510	SSNQ-2510	SSNQ-4010
12	SSNQ-0012	SSNQ-1512	SSNQ-2512	SSNQ-4012

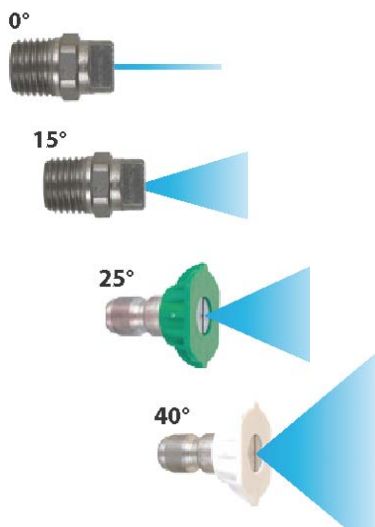
These are 1/4" Male Pipe Thread Nozzles
If you require 1/8" nozzles, please change
the part number to read as follows: 'SSN8- ____'

General Pump Nozzles

0° (Red) 15° (Yellow) 25° (Green) 40° (White)

Stainless Steel
Available in 1/4" Screw-In or
Quick Connect.

PLEASE NOTE: If you do not order by part number EnviroSpec has the option to provide you with either 'SHUR-LOC' or Spraying Systems nozzles. This may result in a 'mix-match' of Vendors when you order multiple nozzles.



PLEASE NOTE: If you do not order by part number EnviroSpec has the option to provide you with either 'SHUR-LOC', General Pump or Spraying Systems nozzles. This may result in a 'mix-match' of Vendors when you order multiple nozzles.

GENERAL PUMP NOZZLES - HIGH PRESSURE, SCREW-IN				
NOZZLE SIZE	0°	15°	25°	40°
2.0	NOS-0002	NOS-1502	NOS-2502	NOS-4002
2.5	NOS-0002.5	NOS-1502.5	NOS-2502.5	NOS-4002.5
3.0	NOS-0003	NOS-1503	NOS-2503	NOS-4003
3.5	NOS-0003.5	NOS-1503.5	NOS-2503.5	NOS-4003.5
4.0	NOS-0004	NOS-1504	NOS-2504	NOS-4004
4.5	NOS-0004.5	NOS-1504.5	NOS-2504.5	NOS-4004.5
5.0	NOS-0005	NOS-1505	NOS-2505	NOS-4005
5.5	NOS-0005.5	NOS-1505.5	NOS-2505.5	NOS-4005.5
6.0	NOS-0006	NOS-1506	NOS-2506	NOS-4006
6.5	NOS-0006.5	NOS-1506.5	NOS-2506.5	NOS-4006.5
7.0	NOS-0007	NOS-1507	NOS-2507	NOS-4007
7.5	NOS-0007.5	NOS-1507.5	NOS-2507.5	NOS-4007.5
8.0	NOS-0008	NOS-1508	NOS-2508	NOS-4008
8.5	NOS-0008.5	NOS-1508.5	NOS-2508.5	NOS-4008.5
9.0	NOS-0009	NOS-1509	NOS-2509	NOS-4009
10	NOS-0010	NOS-1510	NOS-2510	NOS-4010

GENERAL PUMP NOZZLES - HIGH PRESSURE, QUICK CONNECT				
NOZZLE SIZE	0° (Red)	15° (YELLOW)	25° (GREEN)	40° (WHITE)
2.0	NOQS-0002	NOQS-1502	NOQS-2502	NOQS-4002
2.5	NOQS-0002.5	NOQS-1502.5	NOQS-2502.5	NOQS-4002.5
3.0	NOQS-0003	NOQS-1503	NOQS-2503	NOQS-4003
3.5	NOQS-0003.5	NOQS-1503.5	NOQS-2503.5	NOQS-4003.5
4.0	NOQS-0004	NOQS-1504	NOQS-2504	NOQS-4004
4.5	NOQS-0004.5	NOQS-1504.5	NOQS-2504.5	NOQS-4004.5
5.0	NOQS-0005	NOQS-1505	NOQS-2505	NOQS-4005
5.5	NOQS-0005.5	NOQS-1505.5	NOQS-2505.5	NOQS-4005.5
6.0	NOQS-0006	NOQS-1506	NOQS-2506	NOQS-4006
6.5	NOQS-0006.5	NOQS-1506.5	NOQS-2506.5	NOQS-4006.5
7.0	NOQS-0007	NOQS-1507	NOQS-2507	NOQS-4007
7.5	NOQS-0007.5	NOQS-1507.5	NOQS-2507.5	NOQS-4007.5
8.0	NOQS-0008	NOQS-1508	NOQS-2508	NOQS-4008
8.5	NOQS-0008.5	NOQS-1508.5	NOQS-2508.5	NOQS-4008.5
9.0	NOQS-0009	NOQS-1509	NOQS-2509	NOQS-4009
10	NOQS-0010	NOQS-1510	NOQS-2510	NOQS-4010

These are 1/4" Male Pipe Thread Nozzles
If you require 1/8" nozzles, please change
the part number to read as follows: 'NOS8- ____'

Screw-in or 'QC'
each \$ 3.29

Stainless Steel & Brass Soap Nozzles

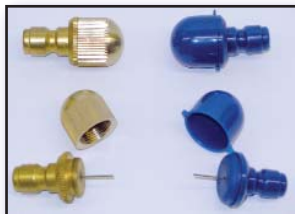


PART #	DESCRIPTION	PRICE
NOB-2530	BRASS NOZZLE - Screw-In, 25°, 30	\$ 2.52
NOB-2540	BRASS NOZZLE - Screw-In, 25°, 40	\$ 2.52
NOB-2550	BRASS NOZZLE - Screw-In, 25°, 50	\$ 2.52
NOB-4030	BRASS NOZZLE - Screw-In, 40°, 30	\$ 2.52
NOB-4040	BRASS NOZZLE - Screw-In, 40°, 40	\$ 2.52
NOB-4050	BRASS NOZZLE - Screw-In, 40°, 50	\$ 2.52
NOB-6540	BRASS NOZZLE - Screw-In, 65°, 40	\$ 1.52
SSN-1515	STAINLESS NOZZLE - Screw-In, 15°, 15	\$ 3.79
SSN-1520	STAINLESS NOZZLE - Screw-In, 15°, 20	\$ 3.79
SSN-1525	STAINLESS NOZZLE - Screw-In, 15°, 25	\$ 3.79
SSN-2515	STAINLESS NOZZLE - Screw-In, 25°, 15	\$ 3.79
SSN-2520	STAINLESS NOZZLE - Screw-In, 25°, 20	\$ 3.79
SSN-2525	STAINLESS NOZZLE - Screw-In, 25°, 25	\$ 3.79
SSN-2530	STAINLESS NOZZLE - Screw-In, 25°, 30	\$ 3.79
SSN-2540	STAINLESS NOZZLE - Screw-In, 25°, 40	\$ 3.79
SSN-2550	STAINLESS NOZZLE - Screw-In, 25°, 50	\$ 3.79
SSN-4015	STAINLESS NOZZLE - Screw-In, 40°, 15	\$ 3.79
NOQB-6540	BRASS NOZZLE - Quick Connect, 65°, 40	\$ 1.86

Nozzle Clean-Out Tool

Brass or Plastic

Quick Connect to Pressure Washer frame for safe keeping!



PART #	DESCRIPTION	PRICE
1878	NOZZLE CLEAN-OUT TOOL BRASS	\$ 4.38
1879	NOZZLE CLEAN-OUT TOOL PLASTIC	\$ 2.14

General Hi-Lo Nozzle

"Push" for Soap
"Pull" for Pressure



PSI: 4,100 PSI
TEMP: 195° F

Hi-Lo settings allow for both cleaning and chem applications

PART #	DESCRIPTION	PRICE
1292	3.5 NOZZLE SIZE (BROWN)	\$ 15.33
1293	4.0 NOZZLE SIZE (YELLOW)	\$ 15.33
1294	4.5 NOZZLE SIZE (BLUE)	\$ 15.33
1295	5.0 NOZZLE SIZE (PURPLE)	\$ 15.33
1296	5.5 NOZZLE SIZE (RED)	\$ 15.33
1297	6.0 NOZZLE SIZE (GREEN)	\$ 15.33
1299	7.0 NOZZLE SIZE (ORANGE)	\$ 15.33
1300	8.0 NOZZLE SIZE (GREY)	\$ 15.33

Dirt Killer Hi-Lo Nozzle



PSI: 4,300 PSI
TEMP: 195° F

"PUSH" for Soap
"PULL" for Pressure

Hi-Lo settings allow for both cleaning and chem applications

PART #	DESCRIPTION	PRICE
1686	VAIRO-JET - RED DOT - NOZZLE SIZE 4.0	\$ 44.95
1687	VAIRO-JET - BLACK DOT - NOZZLE SIZE 4.5	\$ 44.95
1688	VAIRO-JET - BLUE DOT - NOZZLE SIZE 5.5	\$ 44.95

MTM DuraJet Nozzle

"Push" for Soap
"Pull" for Pressure



PSI: 3,000 PSI
TEMP: 300° F

Hi-Lo settings allow for both cleaning and chem applications

PART #	DESCRIPTION	PRICE
1602	DuraJet Push-Pull Nozzle 3.0 White Dot	\$ 7.68
1603	DuraJet Push-Pull Nozzle 3.5 Yellow Dot	\$ 7.68
1604	DuraJet Push-Pull Nozzle 4.5 Orange Dot	\$ 7.68
2050	DuraJet Push-Pull Nozzle 5.0 Red Dot	\$ 7.68
2051	DuraJet Push-Pull Nozzle 5.5 Blue Dot	\$ 7.68
2052	DuraJet Push-Pull Nozzle 6.5 Black Dot	\$ 7.68
2053	DuraJet Push-Pull Nozzle 7.5 Brown Dot	\$ 7.68
2054	DuraJet Push-Pull Nozzle 8.0 Green Dot	\$ 7.68

MTM DuraJet Nozzle

Variable Angle Only



PSI: 3,000 PSI
TEMP: 300° F

Adjust From 0° thru 65°

PART #	DESCRIPTION	PRICE
2055	DuraJet Variable Nozzle 3.0 White Dot	\$ 6.54
2056	DuraJet Variable Nozzle 3.5 Yellow Dot	\$ 6.54
2057	DuraJet Variable Nozzle 4.5 Orange Dot	\$ 6.54
2058	DuraJet Variable Nozzle 5.0 Red Dot	\$ 6.54
2059	DuraJet Variable Nozzle 5.5 Blue Dot	\$ 6.54
2060	DuraJet Variable Nozzle 6.5 Black Dot	\$ 6.54
2061	DuraJet Variable Nozzle 7.5 Brown Dot	\$ 6.54
2062	DuraJet Variable Nozzle 8.0 Green Dot	\$ 6.54

SAVE 10% ON E-MAIL/FAX ORDERS UNLESS 'NET' PRICE APPEARS

Lance Caddy

Slip over the lance and attach lance to the trigger gun!



Holds 7 Nozzles
Stainless Steel, only 0.53 lbs.

PART #	DESCRIPTION	PRICE
1266	LANCE CADDY	\$ 14.23

The Nozzle Keeper

- NEVER lose another nozzle!
- Install your favorite nozzles
- For 3 nozzle set-ups
- Nozzles sold separately



PART #	DESCRIPTION	PRICE
1827	NOZZLE KEEPER, HOLDS 3 NOZZLES	\$ 10.93

Nozzle Holder Twist Type



One of our most popular holders

- 1 ea. 1/4" inlet & 2 ea. 1/4" nozzle outlets
- HP nozzle on one side - LP on the other side
- Twist to change nozzle & draw chem

PART #	DESCRIPTION	PRICE
1275	NOZZLE HOLDER, TWIST TYPE	\$ 22.35
1276	2 EA TEFLON SEATS FOR #1275	\$ 5.44

Allison Dual Nozzle Holder - Ball Type

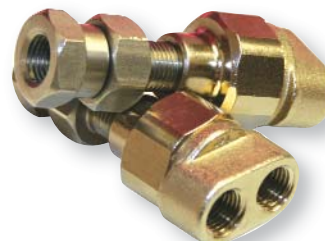
Now Available with Corrosion Proof Ceramic Ball

NOT MADE IN CHINA!

This is the best in the industry!

- GPM: 12 • PSI: 3,500
- Up to 190 degrees
- 1/4" inlet from lance
- 2 ea. 1/4" outlets accommodates 2 nozzles
- Rotate lance to change to soap nozzle

PART #	DESCRIPTION	PRICE
1267	Dual Nozzle Holder with Stainless Steel Ball	\$ 16.43
1268	NOZZLE HOLDER WITH 1127 Swivel	\$ 27.42
1269	Dual Nozzle Holder with Ceramic Ball	\$ 19.73
1270	NOZZLE HOLDER WITH 1127 Swivel	\$ 32.91
1745	CERAMIC BALL, ALUM OXIDE, 13/32	\$ 5.49



Nozzle Boot

Eliminates Scratched Finishes

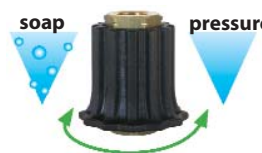


- Install boot on lance and nozzle in boot
- The rubber bumper protects surfaces from being scratched by the nozzle

PART #	DESCRIPTION	PRICE
1271	NOZZLE BOOT	\$ 2.08

Nozzle Holder Shower Type

GPM: 8
PSI: 3,650 PSI



1/4" inlet from lance
1/4" outlet - accommodates one nozzle.
Twist to reduce pressure to draw chemical.

PART #	DESCRIPTION	NET PRICE
1274	SHOWER NOZZLE HOLDER - ADJUSTABLE	\$ 9.59

Nozzle Caddy for Machine

Bolts to any machine

- No more misplaced nozzles!
- Comes complete with grommets & bolts



PART #	DESCRIPTION	PRICE
1621	COMPLETE HOLDER	\$ 14.23
1622	REPLACEMENT GROMMET	\$.43

TROMBONE DUAL NOZZLE HOLDER

High Pressure Nozzle goes in the top.

Low Pressure Nozzle goes in the bottom.

When you want low pressure soap simply release the trigger & reach up and pull back on the piston.

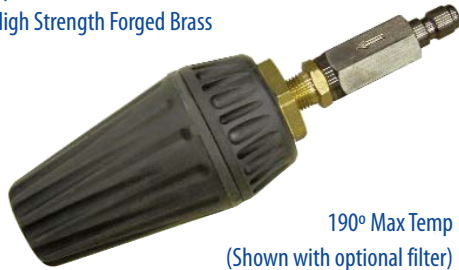
Rated to 11 GPM @ 4,000 PSI



ROTOJET TURBO NOZZLE

#1 Seller in 2003 thru 2008

0° - 25° Nozzle Rotation
Up to 3,000 RPM
High Strength Forged Brass



190° Max Temp
(Shown with optional filter)
Precision ceramic orifice and race
Always start a turbo with nozzle pointed down

Wider pattern for cleaning larger areas such as graffiti removal, concrete floors and side walks, etc.

PART #	PSI	Noz Size	NET Price	Kit #	Kit Price
1548	3600	3.5	\$ 34.95	1570	\$ 29.95
1549	3600	4.0	\$ 34.95	1571	\$ 29.95
1550	3600	4.5	\$ 34.95	1572	\$ 29.95
1551	3600	5.0	\$ 34.95	1573	\$ 29.95
1552	3600	5.5	\$ 34.95	1574	\$ 29.95
1553	3600	6.0	\$ 34.95	1575	\$ 29.95
1562	4500	4.0	\$ 46.95	1584	\$ 39.95
1563	4500	4.5	\$ 46.95	1585	\$ 39.95
1564	4500	5.0	\$ 46.95	1586	\$ 39.95
1565	4500	5.5	\$ 46.95	1587	\$ 39.95
1566	4500	6.0	\$ 46.95	1588	\$ 39.95
1567	4500	7.0	\$ 46.95	1589	\$ 39.95
1554	5800	4.0	\$ 79.95	1576	\$ 41.95
1555	5800	4.5	\$ 79.95	1577	\$ 41.95
1556	5800	5.0	\$ 79.95	1578	\$ 41.95
1557	5800	5.5	\$ 79.95	1579	\$ 41.95
1558	5800	6.0	\$ 79.95	1580	\$ 41.95
1559	5800	7.0	\$ 79.95	1581	\$ 41.95
1560	5800	8.0	\$ 79.95	1582	\$ 41.95
1561	5800	12.0	\$ 79.95	1583	\$ 41.95

ROTOMAX

0° - 15° Nozzle Rotation
Up to 3,000 RPM
176° Max Temp



Tighter pattern for cleaning concentrated pollutant such as 'chewing gum'

PART #	PSI	GPM	NET Price	Kit #	Price
1498	3500	2.1-2.6	\$ 39.95	1501	\$ 26.95
1499	3500	2.9-4.0	\$ 39.95	Same	--
1500	3500	4.2-6.0	\$ 39.95	Same	--

SUPER ROTOMAX

0° - 15° Nozzle Rotation
Up to 3,000 RPM
176° Max Temp



Tighter pattern for cleaning concentrated pollutant such as 'chewing gum'

PART #	PSI	GPM	Price	Kit #	Price
1502	5800	2.0-4.0	\$ 141.76	1504	\$ 54.89
1503	5800	4.1-7.0	\$ 141.76	Same	--



TURBO SHIELD

The 'Splatter Shield' attaches to any lance and covers the Turbo Nozzle so harsh chemicals and pressure do not come in contact with delicate surfaces.



PART #	Price
1497	\$43.90

For All Turbos
Quickly attaches to lance

VIPER TURBO

0° - 15° Nozzle Rotation
Up to 3,000 RPM
190° Max Temp



Tighter pattern for cleaning concentrated pollutant such as 'chewing gum'

PART #	PSI	Noz	Price	Kit #	Price
1505	5000	4.5	\$ 86.76	1506	\$ 49.40
1507	5000	5.5	\$ 86.76	1508	\$ 49.40

High Pressure Filter for Turbos

Manufacturers will not warranty Turbos if they have been used without a filter



#1510 Shown

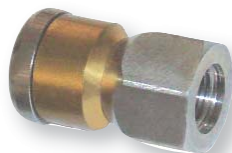
PART #	PSI	Configuration	NET Price
1509	5000	1/4" MPT x 1/4" FPT	\$ 7.99
1510	5000	1/4" Plug x 1/4" MPT	\$ 7.99

Premium Rotating Sewer Nozzles

NOT THE CHEAP STUFF

PSI: 3,000 PSI

Rotating 0°
Front Laser Nozzle



PART #	DESCRIPTION	PRICE
1760	ROTATING NOZZLE, 1/8" FPT, 5-6 GPM	\$ 14.95
1754	ROTATING NOZZLE, 1/4" FPT, 5-6 GPM	\$ 14.95
2282	ROTATING NOZZLE, 1/4" FPT, 8.0 GPM	\$ 44.95

SEWER JETTING NOZZLES - Fixed

- 25° front jet & 3 & 4 rear pusher jets
- NPT Threads (not European)
- Rated to 4,000 PSI

PART #	Radial Bullet Nozzles	Price
1758	1/8" NPT / 3-4 GPM	\$ 41.95
1761	1/8" NPT / 5-6 GPM	\$ 41.95
1757	1/8" NPT / 11-14 GPM	\$ 41.95
1752	1/4" NPT / 3-4 GPM	\$ 41.95
1755	1/4" NPT / 5-6 GPM	\$ 41.95
1750	1/4" NPT / 11-14 GPM	\$ 41.95
1765	3/8" NPT / 3-4 GPM	\$ 41.95
1766	3/8" NPT / 5-6 GPM	\$ 41.95



This is not the Cheap 'Dime Store' quality you are accustomed to buying!

- 3 front jets at 12° each
- 6 rear jets at 35° each
- Rated to 4,000 PSI

PART #	Penetrator Nozzles	Price
1759	1/8" NPT / 3-4 GPM	\$ 44.95
1762	1/8" NPT / 5-6 GPM	\$ 44.95
1763	1/8" NPT / 7-10 GPM	\$ 44.95
1753	1/4" NPT / 3-4 GPM	\$ 44.95
1756	1/4" NPT / 7-10 GPM	\$ 44.95
1751	1/4" NPT / 11-14 GPM	\$ 44.95
1767	3/8" NPT / 5-6 GPM	\$ 44.95
1764	3/8" NPT / 11-14 GPM	\$ 44.95

SAVE 10% ON E-MAIL/FAX ORDERS UNLESS 'NET' PRICE APPEARS

Terminator Turbo



Features spring loaded shock absorption for longer ceramic life.

"Quiet-Run" technology with an 18° pattern

PART #	Permissible PSI	Noz Size	Price	Kit #	Price
2002	5000	3.0	\$ 41.91	2003	\$ 38.41
2004	5000	3.5	\$ 41.91	2005	\$ 38.41
2006	5000	4.0	\$ 41.91	2007	\$ 38.41
2008	5000	4.5	\$ 41.91	2009	\$ 38.41
2010	5000	5.0	\$ 41.91	2011	\$ 38.41
2012	5000	5.5	\$ 41.91	2013	\$ 38.41
2014	5000	6.0	\$ 41.91	2015	\$ 38.41
2016	5000	6.5	\$ 41.91	2017	\$ 38.41
2018	5000	7.0	\$ 41.91	2019	\$ 38.41
2020	5000	8.0	\$ 41.91	2021	\$ 38.41

M-16 Thruster Nozzle

PART #	DESCRIPTION	PRICE
1992	THRUSTER WITH 3.5 NOZZLE	\$ 43.90
1993	THRUSTER WITH 4.0 NOZZLE	\$ 43.90
1994	THRUSTER WITH 4.5 NOZZLE	\$ 43.90
1995	THRUSTER WITH 5.0 NOZZLE	\$ 43.90
1996	THRUSTER WITH 5.5 NOZZLE	\$ 43.90
1997	THRUSTER WITH 6.0 NOZZLE	\$ 43.90
1998	THRUSTER WITH 6.5 NOZZLE	\$ 43.90
1999	THRUSTER WITH 7.0 NOZZLE	\$ 43.90
2000	THRUSTER WITH 8.0 NOZZLE	\$ 43.90
1439	REPAIR KIT	\$ 7.64

Reaches 3-4 stories from the safety of the ground!
 Want to go even higher than 3 stories?
 Simply connect the thruster to a Telescoping Lance!
 Then throw up to 6 stories high!

- Push for Fully Adjustable Soap from 0° to 65°
- Pull Back for Adjustable High Pressure from 0° to 65°

Comes Standard with:

- 50' of Chemical Line
- Premium Stainless Filter

M-16 Thruster



Attaches to end of Lance

ALLISON STILETTO TURBO LASER

cuts like a
RAZOR KNIFE
 at much higher
 RPM

THE SHARPEST CUTTING TURBO IN THE INDUSTRY!

Shown with
 Optional Filter



THE INDUSTRY'S BEST BUY!

Place the Stiletto Turbo Laser on the end of the lance - pull the trigger and watch the zero degree laser produce a cleaning path of 10 to 60 degrees* while rotating as high as 3,500 rpm.

Absolutely nothing in the industry cleans like the...

STILETTO TURBO LASER!

OPERATING PRESSURE 5,100 PSI

At 2,000 to 3,000 psi - you'll lift chewing gum from sidewalks, barnacles from boats, remove graffiti & paint, remove concrete from truck bodies and new construction, rust from trailer frames, etc.

At 5,000 (+) psi - you can remove paint from auto bodies and chew through plywood and concrete. Yes - there is always a reason to own a...

STILETTO TURBO LASER!

Tighter pattern for cleaning concentrated pollutant such as chewing gun, paint removal, tar, bugs, etc.

PART #	PSI	Noz Size	Price	Kit #	Price
1965	5100	3.0	\$ 49.40	1966	\$ 32.91
1967	5100	3.5	\$ 49.40	1968	\$ 32.91
1969	5100	4.0	\$ 49.40	1970	\$ 32.91
1971	5100	4.5	\$ 49.40	1972	\$ 32.91
1973	5100	5.0	\$ 49.40	1974	\$ 32.91
1975	5100	5.5	\$ 49.40	1976	\$ 32.91
1977	5100	6.0	\$ 49.40	1978	\$ 32.91
1979	5100	6.5	\$ 49.40	1980	\$ 32.91
1981	5100	7.5	\$ 49.40	1982	\$ 32.91
1983	5100	8.0	\$ 49.40	1984	\$ 32.91

The purpose of a Thruster Nozzle
 Most chemical injectors will draw around 10% to 12% and oftentimes that is not near enough. The reason for this limited draw is because the more high pressure hose you have on your system the less the injector will draw. Attached at the end of the lance the Thruster will allow you to draw in the 20-40% range.

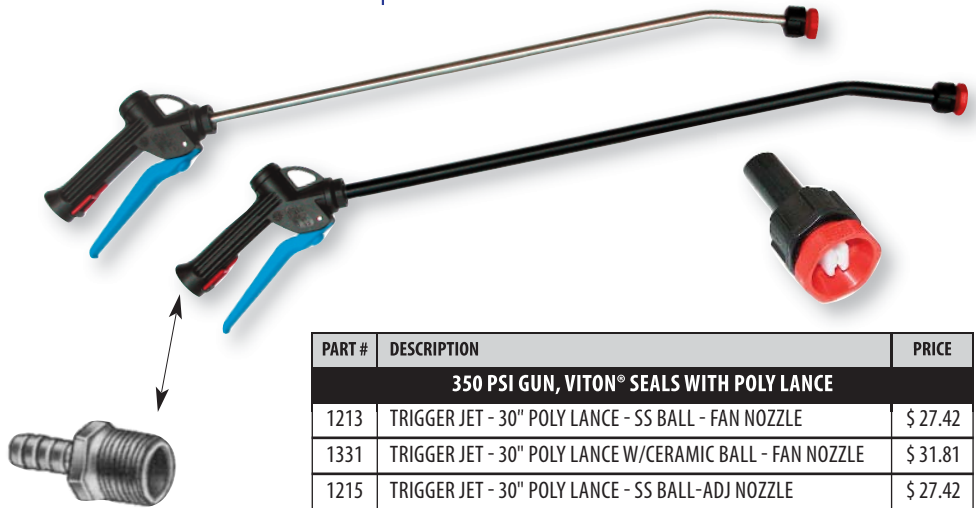
The THRUSTER attaches to the end of your lance and allows you to stand on the ground and throw chemical as high as 30-45 feet.

Master Card, VISA, AMEX, Discover ○ 1-800-346-4876 ○ Minimum Order \$50.00



Industrial Trigger Jet Spray Guns

for SHURFLO & Other Low Pressure Pumps



Guns have 1/2" Inlet - so if you are using a...

...1/4" Chem Line order Brass Barb #1726

...3/8" Chem Line order Brass Barb #1727

...1/2" Chem Line order Brass Barb #1728

PART #	DESCRIPTION	PRICE
1726	BRASS BARB	\$ 3.85
1727	BRASS BARB	\$ 3.85
1728	BRASS BARB	\$ 4.12

PART #	DESCRIPTION	PRICE
350 PSI GUN, VITON® SEALS WITH POLY LANCE		
1213	TRIGGER JET - 30" POLY LANCE - SS BALL - FAN NOZZLE	\$ 27.42
1331	TRIGGER JET - 30" POLY LANCE W/CERAMIC BALL - FAN NOZZLE	\$ 31.81
1215	TRIGGER JET - 30" POLY LANCE - SS BALL-ADJ NOZZLE	\$ 27.42
1332	TRIGGER JET - 30" POLY LANCE W/CERAMIC BALL - ADJ. NOZZLE	\$ 31.81
1216	TRIGGER JET - 53" POLY LANCE - SS BALL - ADJ. NOZZLE	\$ 32.91
1333	TRIGGER JET - 53" POLY LANCE WITH CERAMIC BALL - ADJ NOZZLE	\$ 37.31
350 PSI GUN, VITON® SEALS WITH STAINLESS LANCE		
1214	TRIGGER JET - 30" SS LANCE - SS BALL - FAN NOZZLE	\$ 27.42
1334	TRIGGER JET - 30" SS LANCE W/CERAMIC BALL - FAN NOZZLE	\$ 31.62
750 PSI GUN ONLY		
1212	TRIGGER JET SPRAY GUN- STAINLESS BALL (NO LANCE)	\$ 21.92
1169	TRIGGER JET SPRAY GUN-CERAMIC BALL (NO LANCE)	\$ 25.22

800-346-4876

Chemical Tubing



- Clear Reinforced Poly Tubing which is highly resistant to chemicals, fuel & solvents
- Working pressure of 250 PSI with a burst pressure of 750 PSI

PART #	DESCRIPTION	PRICE
1/4" POLYBRAID CHEMICAL TUBING - 250 Working / 750 Burst		
1159	1/4" X 25' ROLL	\$ 7.64
1160	1/4" X 50' ROLL	\$ 14.23
1161	1/4" X 100' ROLL	\$ 27.42
1162	1/4" X 300' ROLL	\$ 65.88
3/8" POLYBRAID CHEMICAL TUBING - 250 Working / 750 Burst		
1163	3/8" X 25' ROLL	\$ 10.93
1164	3/8" X 50' ROLL	\$ 18.63
1165	3/8" X 100' ROLL	\$ 38.41
1166	3/8" X 300' ROLL	\$ 93.35
1/2" POLY BRAID CHEMICAL TUBING - 250 Working / 750 Burst		
2217	1/2" X 100' ROLL - IDEAL FOR ROOF CLEANING	\$ 49.40
2637	1/2" X 300' ROLL - IDEAL FOR ROOF CLEANING	\$ 109.84
3/4" POLYBRAID CHEMICAL TUBING - 250 Working / 750 Burst		
2483	3/4" X 100' ROLL	\$ 76.87
2709	3/4" X 300' ROLL	\$ 186.76
1/4" PREMIUM CLEAR CHEMICAL LINE		
1167	1/4" PREMIUM CHEM LINE, 100'	\$ 38.41
2199	1/4" STANDARD CHEMICAL LINE, 100'	\$ 19.73

Memory Coil Chemical Line

NON-KINKING



- Strain reliefs on both ends
- Brass 1/4" MPT ends

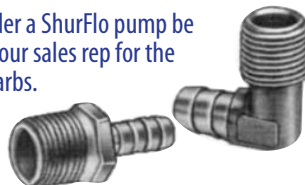
Shown with Optional Trigger-Jet Gun

PART #	DESCRIPTION	PRICE
4999	30', MEMORY COIL CHEMICAL LINE	\$ 10.99
4998	50', MEMORY COIL CHEMICAL LINE	\$ 21.98

Poly Fittings

For SHURFLO & Low Pressure Pumps

- When you order a ShurFlo pump be sure and ask your sales rep for the correct poly barbs.



PART #	DESCRIPTION	PRICE
1077	BARB, POLY, 1/4" MPT X 1/4" BARB	\$ 2.14
1078	BARB, POLY, 3/8" MPT x 1/4" BARB	\$ 2.14
1079	BARB, 90°, POLY, 1/4" MPT	\$ 2.14
1080	BARB, 90°, POLY, 3/8" MPT	\$ 2.14

Replacement Cone Sprayer Nozzle



- Solid brass construction
- Fully adjustable
- Fits 1/4" MPT Lance

PART #	DESCRIPTION	PRICE
1211	REPLACEMENT CONE SPRAY NOZZLE	\$ 4.34

SAVE 10% ON E-MAIL/FAX ORDERS UNLESS 'NET' PRICE APPEARS

SHURFLO Pumps

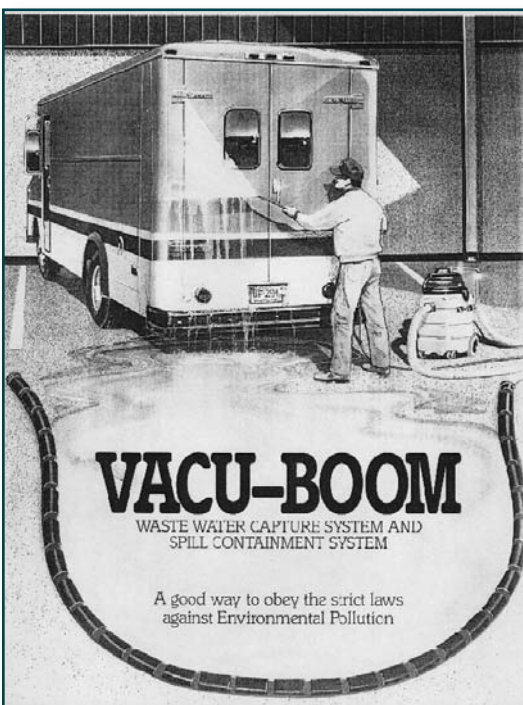
with Chemical Resistance Seals & Valves



PART #	DESCRIPTION	PRICE
12 VOLT SHURFLO PUMPS WITH PREMIUM VALVES		
1049	1.4 GPM / 60 PSI / VITON VALVES	\$ 76.87
1050	1.8 GPM / 100 PSI / VITON VALVES	\$ 87.86
1671	ALLISON Chem Induction Pump	\$ 99.95
1051	3.0 GPM / 45 PSI / VITON VALVE	\$ 93.35
1052	3.6 GPM / 45 PSI / VITON VALVE	\$ 151.10
115 VOLT SHURFLO PUMPS WITH PREMIUM VALVES		
1053	1.4 GPM / 60 PSI / VITON VALVES	\$ 109.84
1054	1.5 GPM / 150 PSI / VITON VALVES	\$ 142.80
1055	1.6 GPM / 100 PSI / VITON VALVES	\$ 131.81

PART #	DESCRIPTION	PRICE
REPAIR KITS FOR SHURFLO PUMPS		
1046	CHECK VALVE - 8000 SERIES	\$ 16.43
1047	CHECK VALVE - 8020, 8030 SERIES	\$ 16.43
1048	CHECK VALVE - 2088 SERIES	\$ 16.43
1040	BY-PASS, VITON, ALL MODELS	\$ 38.41
1041	DIAPHRAGM KIT, 8000 SERIES	\$ 16.43
1045	DIAPHRAGM DRIVE KIT, 2088 SERIES	\$ 25.22
1042	PRESSURE SWITCH, 8000, 60 PSI, VITON SERIES	\$ 21.92
1043	PRESSURE SWITCH, 8000, 100 PSI, VITON SERIES	\$ 19.73
1044	PRESSURE SWITCH, 2088, 45 PSI, VITON SERIES	\$ 38.41

WASTE WATER RECOVERY SYSTEM



PART #	DESCRIPTION	NET PRICE
9300	20' Boom Only	\$ 878.02
9301	40' Boom Only	\$ 1703.30
9302	101 CFM Vac with Pump-out	\$ 1295.00
9303	202 CFM Vac with Pump-out	\$ 1495.00
9305	Tote Bag	\$ 82.42

Master Card, VISA, AMEX, Discover ○ 1-800-346-4876 ○ Minimum Order \$50.00



10", 18" & 24"



Premium & Detail

PREMIUM BRUSHES

PART #	PREMIUM VEHICLE & HOUSE BRUSH	PRICE
1451	10" Truck Wash	\$ 9.84
1450	10" Premium Truck & House	\$15.33
1454	14" Premium	\$ 18.63
1455	14" Fine Finish	\$ 19.73
1452	18" Truck Wash	\$ 20.82
1453	24" Truck Wash	\$ 21.92
1456	Bi-Level, 10", Hi-Pile Green	\$ 21.92
1457	Bi-Level, 10", Standard Yellow	\$ 18.63
1459	Gutter & Exhaust Stack Brush	\$25.22
1458	Bi-Directional Brush - 1/2 Circle	\$27.42
1445	Rotating Bursh	\$ 37.31



1/2" Circle



Bi-Level Brush



Rotating Bursh



Gutter/Stack Brush

12-Volt Electric, 4 Gallon Backpack Sprayer

Sprays 120 Gallons @ 40 PSI on a single charge

Advanced Microprocessor Pump Controller

Variable Speed Pump and adjustable nozzle

Open Tip for long range, high volume spraying



PART #	NOTES:	PRICE
1962	Backpack Sprayer Complete	\$ 213.51
1678	Replacement Battery Pack	\$ 43.90
1679	Spare Wall Charger and Cable	\$ 32.91
1680	Spare Pump, Hose and Hardware	\$ 109.84
1681	Spare PC Board & Wiring Harness	\$ 54.89
1682	Spare Wand Assembly	\$ 19.73



▶ Convenient battery pack removes in seconds for remote charging.



▶ Computer engineered design perfectly matches the body's contours.

▶ Heavily padded adjustable shoulder straps, full back pad and waist belt provide the ultimate in user comfort.

Pump-Up Sprayers

1.5 Quart Thumb Sprayer



PART #	DESCRIPTION	PRICE
1822	1.5 QUART THUMB SPRAYER	\$ 6.54
1883	PUMP-UP SPRAYER, 2.0 GAL	\$ 15.33
1844	BACK-PACK SPRAYER	\$ 49.40



2.0 Gallon Pump-Up Sprayer



4.0 Gallon, 90 PSI Backpack Sprayer (includes 4 nozzles)

SAVE 10% ON E-MAIL/FAX ORDERS UNLESS 'NET' PRICE APPEARS

Beckett Burners

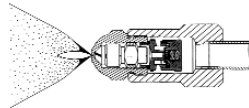


- Interchanges with Wayne
- Easy installation
- Special burner made to Espec specifications

One of the longest lasting, most trouble free Burners in the Industry!

PART #	DESCRIPTION	PRICE
1390	12Volt ADC - for Washers up to 6 GPM	\$ 507.77
1391	12 Volt SDC - for Washers over 6 GPM	\$ 548.35
1393	115 Volt AFG - for Washers up to 6 GPM	\$ 391.84
1394	115 Volt SF - for Washers over 6 GPM	\$ 417.53

Burner Nozzles



PART #	DESCRIPTION	PRICE
1379	BURNER NOZZLE, 1.00 80B	\$ 4.12
1380	BURNER NOZZLE, 1.25 80B	\$ 4.12
1381	BURNER NOZZLE, 1.50 80B	\$ 4.12
1382	BURNER NOZZLE, 1.75 80B	\$ 4.12
1383	BURNER NOZZLE, 2.00 80B	\$ 4.12
1384	BURNER NOZZLE, 2.25 80B	\$ 4.12
1385	BURNER NOZZLE, 2.50 80B	\$ 4.12
1386	BURNER NOZZLE, 2.75 80B	\$ 4.12
1387	BURNER NOZZLE, 3.00 80B	\$ 4.12

Burner "On/Off" Switch

- On / Off positioning
- Rated to 50 Amps @ 12 Volts



PART #	DESCRIPTION	PRICE
1388	ON/OFF SWITCH	\$ 8.74

Adjustable Thermostats

- Panel Mount
- Adjustable
- Rated to 3,500 PSI
- Super quick response



PART #	DESCRIPTION	NET PRICE
1349	PREMIUM PANEL MOUNT THERMOSTAT	\$ 27.95
1425	STANDARD THERMOSTAT 194 DEGREE	\$ 23.95

Pre-Set Thermostats

Last Longer and More Accurate than typical thermostats

- On and Off at constant temperature
- 5° - 8° deadband - super quick response



PART #	DESCRIPTION	PRICE
1884	PRE-SET THERMOSTAT, SHUTS OFF AT 160°	\$ 27.42
1885	PRE-SET THERMOSTAT, SHUTS OFF AT 190°	\$ 27.42

Adjustable Thermostats

- Mounts on discharge side of heating coil
- Interchanges with all in-line thermostats
- Temp range 60°F to 230°F



PART #	DESCRIPTION	PRICE
1426	IN LINE THERMOSTAT	\$ 54.89

Hi-Limit Safety Burner Shut Down

- Shuts down the fuel solenoid at 210°



PART #	DESCRIPTION	PRICE
1107	HI LIMIT SWITCH WITH LEAD	\$ 18.32

Pressure Switch

- The Industry's Best Pressure Switches
- Rated to 250V, 15 amps & 190°F



PART #	DESCRIPTION	PRICE
1370	PRESSURE SWITCH, 3,650 PSI, 1/4" MPT	\$ 20.82
1371	PRESSURE SWITCH, 3,650 PSI, 3/8" MPT	\$ 20.82
1372	PRESSURE SWITCH, 6,500 PSI, 1/4" MPT	\$ 65.88

Flow Switch

- Tungsten contact reed switch
- Viton seals
- Rated to 4,400 PSI
- For solenoid control only



PART #	DESCRIPTION	PRICE
1367	FLOW SWITCH, VERTICAL	\$ 38.41
1368	FLOW SWITCH, VERTICAL OR HORIZONTAL	\$ 38.41

Industrial Flow Switch

- Both are rated to 5,000



PART #	DESCRIPTION	PRICE
1369	FLOW SWITCH, TMT, 12 GPM	\$ 43.90
2272	PHOENIX, RATED TO 18 GPM	\$ 142.80

Vac Switch

- Installs on the inlet side of the pump
- 1/4" FPT connector
- Heavy duty 16 Amp contact
- 140°F maximum water temperature



PART #	DESCRIPTION	PRICE
1373	VACUUM SWITCH, FOR GAS ENGINES	\$ 18.63
1374	VACUUM SWITCH, FOR ELECTRIC MOTORS	\$ 18.63

Burner Motors

These motors fit both Beckett and Wayne Burners



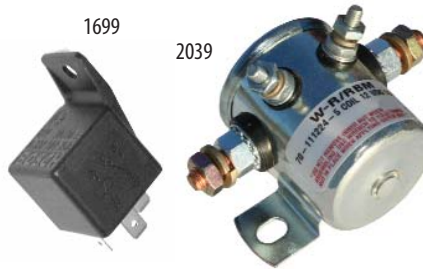
PART #	DESCRIPTION	PRICE
1410	3450 RPM, 1/7 HP, 115V (2456U)	\$ 71.37
1411	3450 RPM, 1/5 HP, 115V (2900U)	\$ 81.70
1412	3450 RPM, 1/6 HP, 13.5V (21699U)	\$ 87.86
1413	3450 RPM, 1/4 HP, 12V (21539)	\$ 153.79
1414	3450 RPM, 1/4 HP, 115/240V (21344)	\$ 119.86
1415	3450 RPM, 1/4 HP, 240V (2899)	\$ 93.35

12 Volt Burner Relays

Most 12 Volt Burner failures come as a result of the tremendous spiking that occurs when the burner cycles between on and off.

These burner relays come with easy to install instructions and act as a "shock absorber" as this erratic electricity passes from the battery to the burner. The installation of either of these relays virtually eliminates 12V burner problems.

Each relay comes with an Allison burner wiring diagram.



PART #	DESCRIPTION	PRICE
2039	Handles 80 Continuous AMPS	\$ 38.41
1699	Handles 40 Continuous AMPS (compact)	\$21.92



They all need a helping hand.

Beckett & Wayne Burner Parts

PART #	DESCRIPTION	PRICE
1350	Burner to Coil Gasket	\$ 2.53
1217	Blower Wheel, Beckett SF - SM 5-3/4D x 3-7/16W	\$ 14.23
1312	Blower Wheel, Beckett AFG 5-3/4D x 3-7/16W	\$ 15.97
1197	Blower Wheel, Beckett ADC 5-3/4D x 3-7/16W	\$ 12.81
1261	Blower Wheel, Beckett SR 6-1/4D x 3-7/16W	\$ 20.99
1199	Blower Wheel, Beckett SDC 5-3/4D x 3-7/16W	\$ 19.73
1170	Blower Wheel, Wayne 5-3/16 x 3-7/16	\$ 15.82
1201	Blower Wheel, Wayne 6-1/4 x 4-3/16	\$ 16.43
1171	Blower Wheel, Wayne 4-1/4 x 3-1/8	\$ 15.43
1277	Blower Wheel to Pump Coupling Beckett SM - SF	\$ 4.67
1278	Blower Wheel to Pump Coupling Beckett AFG	\$ 4.67
1198	Blower Wheel to Pump Coupling Beckett ADC	\$ 7.64
1200	Blower Wheel to Pump Coupling Beckett SDC	\$ 7.64

Burner Switches & Breakers

Set-up your own Burner Diagnostic Center with these **MOMENTARY SWITCHES**

It will tell you in 2 seconds what it would normally take 1-2 hours to figure out. A very simple wiring job using the enclosed instructions will have you up and running with a complete burner diagnostic center on your machine in 'no time flat.'



all switches are lettered

PART #	DESCRIPTION	PRICE
1985	On/Off (Lighted Switch)	\$ 17.53
1986	Flow/Pressure Switch	\$ 17.53
1987	Thermostat (mom)	\$ 17.53
1988	Hi-Limit (mom)	\$ 17.53
1989	Engine Terminator (on/off)	\$ 17.53
1813	3 Gang Box (3 switch holder)	\$ 10.93
1812	1 Gang Box (1 switch holder)	\$ 7.64
1741	10 AMP Circuit Breaker	\$ 5.44
1742	15 AMP Circuit Breaker	\$ 5.44
1743	30 AMP Circuit Breaker	\$ 5.44
4000	Build your own Diagnostic Center Control Box Includes Wiring Diagram (Shown as completed unit)	\$ 78.00

Master Card, VISA, AMEX, Discover ○ 1-800-346-4876 ○ Minimum Order \$50.00

Transformers & Igniters



CHEK-MATE Transformer/Igniter Tester



- No more guessing!
- Simply touch the two electrodes and if the light comes on the unit is working properly.

PART #	DESCRIPTION	PRICE
1947	CHECK MATE IGNITION TESTER	\$ 76.88

Volt Master 3,000 Watt Generator

- 3,000 watt, 120 volt, 3,600 RPM
- Industrial Double Weld Base
- Direct Replacement for Winco
- Same footprint as Winco
- Built-in Voltmeter
- Re-settable fuse
- Used on Allison Iron Horse Equipment

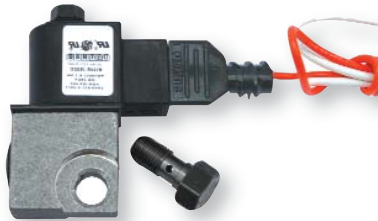


PART #	DESCRIPTION	PRICE
1438	3000 kW Generator	\$ 475.08

PART #	DESCRIPTION	PRICE
1404	12V IGNITOR ASSY SDC BECKETT	\$104.34
1405	12V IGNITOR ASSY ADC BECKETT	\$104.34
1406	TRANSFORMER FOR 120V 'A' BECKETT Old Style	\$76.87
1407	TRANSFORMER FOR 230V 'A' SERIES BECKETT	\$65.88
1408	TRANSFORMER FOR 230V 'S' SERIES BECKETT	\$71.37
1409	TRANSFORMER FOR 120V 'A' BECKETT SMALL VERSION - See 1406 for old style	\$49.40
1375	IGNITER, WAYNE, 12V, BACK HINGE FOR MSR	\$120.82
1376	TRANSFORMER, WAYNE, 120V SIDE HINGE	\$71.37
1377	TRANSFORMER, WAYNE, 120V, BACK HINGE	\$76.87
1378	TRANSFORMER, WAYNE, 230V, SIDE HINGE	\$98.85

Fuel Solenoid

- For Beckett and Suntec



PART #	DESCRIPTION	PRICE
1418	SUNTEC 120 VOLT	\$ 27.42
1392	SUNTEC 220 VOLT	\$ 29.62
1417	SUNTEC 12 VOLT	\$ 36.21

SUNTEC Fuel Pump

- Fits Beckett & Wayne
- Solenoid must be ordered separately



PART #	DESCRIPTION	PRICE
1399	FUEL PUMP, A2VA7116	\$ 43.90
1400	FUEL PUMP, A1VA7112	\$ 98.85
1402	FUEL PUMP, A1YA7912	\$ 98.85

WINCO 2,000 Watt Generator

- 2,000 watt, 120 volt, 3,600 RPM
- Rotates in either direction
- 3 carbon brushes
- Dual sealed permanent bearing



PART #	DESCRIPTION	PRICE
1434	GENERATOR, WINCO, 2000KW	\$ 525.77
1435	BRUSH (2 REQUIRED)	\$ 14.07
1436	RECEPTACLE (2 REQUIRED)	\$ 11.52
1437	RECTIFIER (1 REQUIRED)	\$ 43.90

BECKETT Fuel Pump

With "Built-In" Solenoid

- Replacement for Suntec A2VA-7116
- Includes "built-in" fuel solenoid
- Easy installation

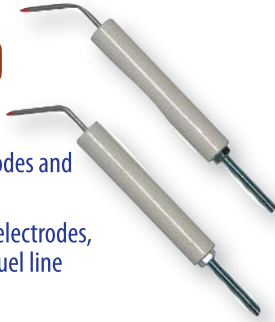


PART #	DESCRIPTION	PRICE
1397	BECKETT FUEL PUMP WITH 115 VOLT SOLENOID	\$ 82.11
1398	BECKETT FUEL PUMP WITH 12 VOLT SOLENOID	\$ 82.11
1396	REPAIR KIT FOR BECKETT SOLENOID, 12 VOLT	\$ 16.43
1395	REPAIR KIT FOR BECKETT 115V SOLENOID	\$ 16.43

SAVE 10% ON E-MAIL/FAX ORDERS UNLESS 'NET' PRICE APPEARS

Burner Tune-Up Kits

- Beckett kit is electrodes and set gauge only
- Wayne kit includes electrodes, coupling, gauge & fuel line



PART #	DESCRIPTION	PRICE
1416	TUNE UP KIT BECKETT	\$ 10.26
1389	WAYNE TUNE-UP KIT	\$ 32.91

RACOR Fuel/ Water Separator

- Water settles to the bottom of the bowl instead of passing to the burner
- When water is visible simply turn the drain valve on the bottom of the bowl to 'dump' the water.



PART #	DESCRIPTION	PRICE
1419	FUEL/WATER SEPARATOR	\$ 37.91
1420	FILTER ELEMENT FOR RACOR	\$ 21.92

Burner Fuel Pump Pressure Gauge

- Fuel pumps run between 100 & 150 PSI
- Comes ready to mount with a 2 1/2" x 1/8" pipe



PART #	DESCRIPTION	PRICE
1128	200 PSI GAUGE TESTER	\$ 8.74

Premium Fuel/ Water Separator

- Water settles to the bottom of the bowl instead of passing to the burner
- When water is visible simply "twist" open the bottom 'dump' valve
- Water is much more visible in this filter than it is with the RACOR & is less expensive!



PART #	DESCRIPTION	PRICE
1794	FUEL/WATER SEPARATOR, REPLACES RACOR	\$ 29.62
1793	FILTER ELEMENT FOR PART #1794	\$ 15.95

Fuel Filter Mounting Block

For All Fuel Filters

- 1/4" FPT inlet and outlet
- Bolts directly to the frame or remotely
- Takes the load off the burner fuel pump



PART #	DESCRIPTION	PRICE
1115	FUEL FILTER MOUNTING BLOCK	\$ 7.64

Electrical Tape

- UL Listed
- 3/4" x 60'
- Professional quality

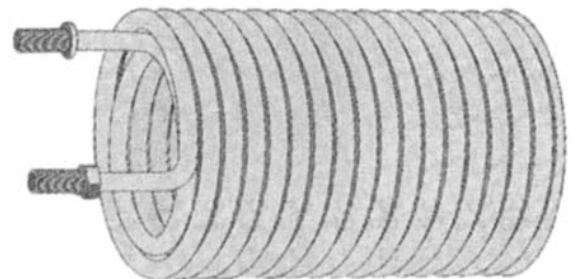


PART #	DESCRIPTION	PRICE
1601	TAPE, ELECTRICAL	\$ 1.64

NEED A COIL or Coil Replacement Parts

We can match-up any coil you are trying to replace.

- We build them better than original equipment
- Custom Coil Available for those exotic projects we can all come up with.



REPLACEMENT DISC FOR COIL END CAPS



PART #	DESCRIPTION	PRICE
1038	18" Donut with hole / Burner End	\$ 38.41
1039	18" Solid Disc / Exhaust End	\$ 27.42

COIL INSULATION BLANKET

- Coil wraps need special insulation
- This is enough to do one coil
- You should always keep a spare wrap on hand because it is doubtful that you will find it locally in case of an emergency

PART #	DESCRIPTION	PRICE
1037	Blanket 1" x 24" x 5'	\$ 28.85

Coil Blow Out Valve

- Install on inlet side of pump
- Use air pressure to blow water out of the system to prevent freezing.



PART #	DESCRIPTION	PRICE
1074	Blow Out Valve	\$ 3.56

SAVE 10% ON E-MAIL/FAX ORDERS UNLESS 'NET' PRICE APPEARS

GAS ENGINES



13 Honda



13 ZongShen Industrial

**NET
NET**

**MUFFLERS INCLUDED
ELECTRIC START**

WoW!
\$799.95
**18 HP VANGUARD
20 AMP**

WoW!
\$899.95
**18 HP KOHLER
20 AMP**



18 Briggs Vanguard



30 HP Kohler



28 HP Kohler Water Cooled

PART #	Description	PRICE
1770	Kohler, 4 HP, 3/4" Shaft, w/Muf.	\$ 378.27
1771	Kohler, 6 HP, 3/4" Shaft, w/Muf.	\$ 319.77
2067	ZongShen, 6.5 HP, 3/4" Shaft, Industrial, w/Muf.	\$ 228.68
1772	Kohler, 8.5 HP, 1" Shaft, w/Muf.	\$ 668.56
1769	Kohler, 12.75 HP, 1" Shaft, w/Muf.	\$ 695.00
2068	Honda, 13 HP, 1" Shaft, w/Muf.	\$ 574.00
1073	Zong Shen, 13 HP, Industrial, w/Muf.	\$ 291.66
1829	Kohler, 18 HP, 20 Amp Recharge, 1" Shaft - w/Muf.	\$ 899.95
1732	Vanguard, 18 HP, 20 Amp Recharge, 1" Shaft w/Muf.	\$ 799.95
1830	Kohler, 22 HP, 25 Amp Recharge, 1" Shaft	\$ 1554.46
2069	Honda, 20 HP, 18 Amp Recharge, 1" Shaft	\$ 1400.00
1816	Honda, 24 HP, 18 Amp Recharge, 1-1/8" Shaft	\$ 1583.40
1831	Kohler, 25 HP, 25 Amp Recharge, 1" Shaft	\$ 1700.31
1832	Kohler, 27 HP, 25 Amp Recharge, 1-1/8" Shaft	\$ 1972.56
2888	Kohler, 28 HP, Water Cooled, 25 Amp, 1-1/8" Shaft Includes Control Module, Use Muffler #2340	\$ 2101.64
1833	Kohler, 28 HP, EFI Fuel Miser, 25 Amp, 1-1/8" Shaft	\$ 2396.10
1834	Kohler, 30 HP, 25 Amp Recharge, 1-1/8" Shaft	\$ 2026.08
1835	Kohler, 38 HP, 25 Amp Recharge, 1-7/16" Shaft	\$ 2818.05
1836	Kohler, 40 HP, 25 Amp Recharge, 1-7/16" Shaft	\$ 2847.42
KUB35	Kubota, 35 HP Diesel w/Shaft and Controls	\$ 4495.00
KUB65	Kubota, 65 HP Diesel w/Shaft and Controls	\$ 6495.00
MUFFLERS		
1279	Kohler, 18-22 HP, Top Mount, Oil Filter Side	\$ 87.86
1280	Kohler, 18-22 HP, Top Mount, Starter Side	\$ 87.86
1282	Kohler, 18-22 HP, Low Mount, Oil Filter Side	\$ 120.82
1281	Kohler, 18-22 HP, Low Mount, Starter Side	\$ 109.84
1283	Kohler, 25-30 HP, Top Mount, Oil Filter Side	\$ 98.85
1284	Kohler, 25-30 HP, Top Mount, Starter Side	\$ 98.85
1286	Kohler, 25-27 HP, Low Mount Oil Filter Side	\$ 224.93
1285	Kohler, 25-27 HP, Low Mount Starter Side	\$ 224.93
2340	Kohler, 28 Water Cooled, Oil Filter Side	\$ 104.34
3410	HONDA MUFFLER, 20 HP, TOP, STARTER SIDE	\$ 168.13
3411	HONDA MUFFLER, 24 HP, TOP, OIL FILTER SIDE	\$ 168.13
3412	HONDA MUFFLER, 24 HP, TOP, STARTER SIDE	\$ 168.13
3413	HONDA MUFFLER, 20 HP, TOP, OIL FILTER SIDE	\$ 168.13

DIESEL ENGINES



We Carry the Complete Line of:
KUBOTA, LOMBARDINI & KOHLER
DIESEL ENGINES

Each engine is specifically matched to your individual requirements.
Please Contact an EnviroSpec Sales Technician for assistance.

Oil Drain Plug



- For engines, pumps & gear boxes
- No more "messy" oil changes
- Simple to install easy to use

• Will not fit Honda

PART #	PRICE
1428	\$ 8.74

Key-Way Stock Premium

- 1/4" key stock for engine shafts
- Super Hard



• Heat treated for longer life and higher horspowers

• A MUST for gear drive systems

PART #	PRICE
3777	\$ 7.95

Tiny-Tach Hour Meter



Super Easy Installation!

- Takes the "guess work" out of pressure washer problems
- #1429 works on all 1 & 2 cylinder Gas engines including Kohler.
- #3407 is for Diesel engines regardless of cylinders up to 10,000 RPM. It has a solid state, quartz crystal control.

PART #	PRICE	Price
1429	For Gas Engines	\$ 40.32
3407	For Diesel Engines	\$ 149.50

Kohler Engine Filters



PART #	Description	PRICE
1837	Long oil filter / Pro Series	\$ 8.74
1838	Short oil filter / Pro Series	\$ 8.74
1839	Fuel filter	\$ 5.44
1840	Air filter/Pre-Cleaner fits CH-25 & CH-27	\$ 9.54
1841	Pre-cleaner fits CH-25 & CH-27	\$ 4.95
1842	Air filter/Pre-Cleaner,CH-18, CH-20, CH-22	\$ 9.54
1843	Pre-cleaner fits CH-18, 20 & 22	\$ 4.95
3932	Donalson Air Filter for Our 28 WC, 30 & 38	\$ 16.46
3933	Donalson Safety Filter for 3932 above	\$ 19.88

Honda & Briggs Filters



PART #	Description	PRICE
1613	Honda Air Filter for GC160	\$ 6.54
1614	Honda Air Filter for GX160 & GX 200	\$ 4.71
1615	Honda Air Filter for GX240 & GX270	\$ 6.14
1616	Honda Air filter for GX340 & GX390	\$ 6.58
1733	Vanguard Pre-cleaner	\$ 3.62
1734	Vanguard Oil Filter	\$ 12.43
1735	Vanguard Air Filter	\$ 14.23

PART #	Description	PRICE
1617	Honda Oil Filter for GX620 or GX670	\$ 9.67
1618	Honda Spark Plug for GC&GX4HP to 13 HP	\$ 1.37
1619	Honda Dip Stick for GS260 & GX390	\$ 9.84
1620	Honda Dip Stick for GC135 & GX200	\$ 13.13

Throttle Cable Fits All Engines



- For precise engine speed control
- Auto Pre-sets
- Push Pull or 'Snap' Pull and lock
- Designed for harsh, moist environments

PART #	PRICE
1991	\$ 39.88

SAVE 10% ON E-MAIL/FAX ORDERS UNLESS 'NET' PRICE APPEARS

Universal Key Switch

- Fits all Engines
- ON/OFF/Start
- Springs back to "ON"
- Panel Mounts
- Two Keys included



PART #	PRICE
1430	\$ 27.42

ALLISON ENGINE TERMINATOR

FOR "DC" CURRENT ONLY
DO NOT INSTALL ON AC CURRENT



- Shuts engine down before the pump head overheats & destroys the packings.
- Hooks to the pump inlet and senses incoming "by-pass" water temperature. If the water reaches 145°F the Terminator "kills" the engine.
- Keep in mind if you leave the trigger gun in the "off" position for more than 3 minutes chances are the pump head has already reached 145°F

PART #	PRICE
1990	\$ 32.91

DUAL BATTERY SELECTOR



- 12 volt burners really "suck down" the juice so you will always need 2 batteries
- For 12VDC pressure systems
- Allows you to run from 1 or both batteries

MARINE DUTY CYCLE

PART #	PRICE
1168	\$ 32.91

Replacement Gas Cap



- Replacement metal gas cap
- Fits all Honda GX series engines

PART #	PRICE
1129	\$ 10.04

Premium Battery Terminal



- Works on all battery cables
- Heavy duty lead construction

PART #	PRICE
1825	\$ 1.64

- Keep lubed with lithium grease

ENGINE THROTTLE DOWN - SAVES PUMPS

- Idles the engine down when you release the trigger.
- Returns to full throttle when the trigger is pulled.
- Not recommended for hot water machines equipped with a generator.



PART #	PRICE
1665	\$ 60.63

Marine Battery Box



- High density plastic
- Tie-down hardware included
- Marine grade

PART #	Size	PRICE
1690	Large - Standard Size	\$ 14.23
4690	Small - U1 - Tractor	\$ 12.95

Industrial Fuel Line



- 1/4" Thick Wall
- Priced per foot
- For Gas or Diesel

PART #	PRICE
1196	\$ 1.09

Universal Starter Solenoid



- For gas engines
- 5/16: double terminal

PART #	PRICE
1427	\$ 17.56

- Same as used on Vanguards

ALLISON PREMIUM BELT DRIVE CART

REPLACEMENT CART FOR ANY 13 to 18 HP BELT DRIVE SYSTEM

- Aircraft Aluminum
- Pre-drilled for most engines
- This is, without question, the finest replacement cart in the industry.



**Got a good engine?
Got a good pump?
Need a great cart?
Look no further!**

Also Available - Nitro Frames, Dual Pumper Frames and many more options. Call for details.

PART #	NET PRICE
9900	\$ 199.95

BASE PLATE shown with 13 HP Honda Engine



- Handles engines up to 30 HP
- Pre-drilled for most engines
- Rubber feet provides shock absorption between unit and bed of truck/trailer.

PART #	PRICE
1899	\$ 38.41

Replacement Cart Parts



Axle Caps

Round Foot



Molded Foot

Replacement Direct Drive Cart

Is it time to replace that worn out cart?

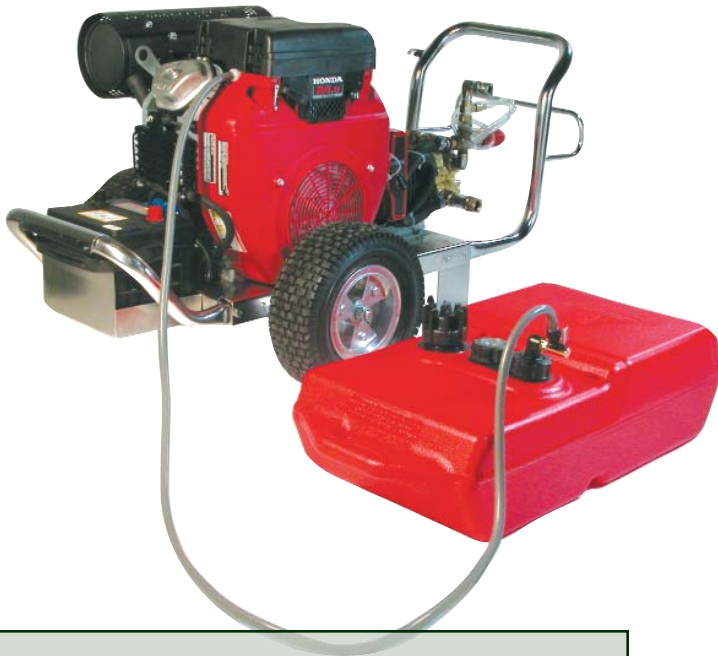
- Rugged Construction
- Powder Coated Frame
- Handles up to 13 HP
- Nozzle Holders/Grommets
- 10" pneumatic tires



PART #	NET PRICE
2049	\$ 89.95

PART #	NOTES:	PRICE
1778	10" Foam filled, never flat tire / wheel	\$ 14.23
1773	13" Pneumatic Tire / wheel for 3/4" Axle	\$ 14.23
1779	13" Foam filled, never flat tire / wheel	\$ 21.92
2330	13" Premium Mag never flat tire/wheel	\$ 38.41
1774	Axle Cap, nickel, fits 5/8" axle	\$ 2.69
1775	Axle Cap, nickel, fits 3/4" axle	\$ 2.62
1776	Rubber Foot, round	\$ 2.14
1777	Molded Rubber Foot	\$ 4.44

SAVE 10% ON E-MAIL/FAX ORDERS UNLESS 'NET' PRICE APPEARS



MOELLER[®]
marine products
FUEL TANK

Are you up to Code
or are you using a 5 gallon
'soap bucket' as your Gas Can?

BE SAFE - NOT SORRY

Part Number #4121 \$59.95

LIFETIME FRAME

Pre-drilled for the following:

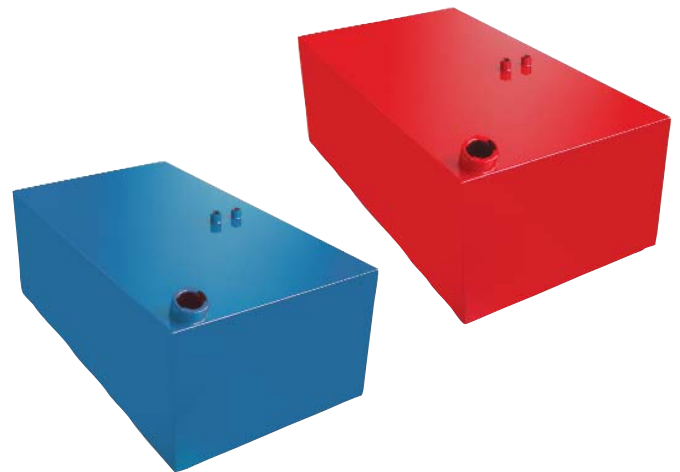
- 18-40 HP Kohler
- Briggs & Honda
- Dual or Single Pump Drive
- Dual or Single Pump Adjusters
- Generator with Single Pump



- Dual or Single Chem Induction Systems
- Oil Drain Holes
- Includes 24 Gallon Gas or Fuel Tank
- Includes Battery Box
- Belt Guard

#9997 \$899.00 Net

ALLISON
24 GALLON
FUEL TANKS



PART #	DESCRIPTION	NET PRICE
9400	RED 24 Gallon Tank for GAS ONLY	\$ 199.95
9401	BLUE 24 Gallon Tank for Diesel & Kerosene	\$ 199.95

Mounting Hardware, Cap
and Fuel Pick-up Tube included

Includes 1/4" Bottom Drain

31.5" Long 17" Wide 11" High

Oil Caps



Pumps 2SF, 4SF, 2DX

PART #	DESCRIPTION	PRICE
1881	OIL CAP, CAT, PUMPS 2SF, 4SF, 2DX	\$ 10.93



Pumps 5DX, 66DX, 5CP

PART #	DESCRIPTION	PRICE
1880	OIL CAP, CAT, PUMPS 5DX, 66DX, 5CP	\$ 10.93



Most General Pumps

PART #	DESCRIPTION	PRICE
1882	OIL DIP STICK, GENERAL PUMPS	\$ 10.93

Gauge Port Valve Cap

- Mount the gauge on the pump



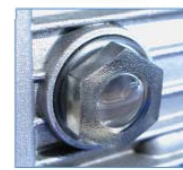
PART #	DESCRIPTION	PRICE
1060	For EZ General Pumps	\$19.73
1061	For TS2021, TS1511, all T & TS General Pumps	\$19.73

Pump Oil

Ideal for high pressure pumps. Non detergent and non foaming. Specially formulated and rated for superior rust protection and oxidation protection. Not for use in engine.



PART #	DESCRIPTION	PRICE
1064	GENERAL PUMP OIL, 6 PACK / 16 OZ. BOTTLES	\$ 28.54
1065	GENERAL PUMP OIL, 24 PACK / 16 OZ. BOTTLES	\$ 109.84
1066	PUMP OIL, BE PREMIUM, 1 LITER BOTTLE	\$ 6.54
4788	CAT CRANKCASE OIL - 21 OZ. BOTTLE	\$ 8.75



Note: Change oil after the first 50 hours of operation, then every 3 months or as needed. Fill oil half-way on the indicator site glass only. **Do not overfill.**

Replacement Site Glass



Do not over fill your pump.

Fill Oil Half Way
Use only recommended pump oil.



Please remember...

...your pump will arrive to you with a 'shipping plug' where the 'dip stick' is supposed to go. The reason is obvious - right? DO NOT run the pump with the shipping plug. Install the 'dip stick' first.

PART #	DESCRIPTION	PRICE
1689	OIL LEVEL INDICATOR, 3/4" - For the following General Pumps T & TS Series 47 (which includes TS2021), T991 Series, TT & TP Series	\$ 14.23
1421	TSF Series General Pumps	\$ 14.23

Tape - Teflon/Electrical

- Professional quality
- Sells for \$2.00 over elsewhere



PART #	DESCRIPTION	PRICE
1651	TAPE, TEFLON 520' 1/2"	\$.67
1601	TAPE, ELECTRICAL, 3/4" X 60', UL	\$ 1.64

Thread Locker



- Seal and Locks Fittings & Plumbing
- The Name Brand goes for \$139.99

PART #	DESCRIPTION	PRICE
1057	THREAD LOCKER, MEDIUM	\$ 49.40
1058	THREAD LOCKER, HIGH STRENGTH	\$ 49.40

Pump Anti-Freeze Solution

Protect your pump from freezing over the winter. Attaches to any pump inlet to fill pump chamber with anti-freeze solution.



Twist on and depress button.

PART #	DESCRIPTION	PRICE
1768	ANTI-FREEZE SOLUTION	\$ 10.93



SAVE 10% ON E-MAIL/FAX ORDERS UNLESS 'NET' PRICE APPEARS

Packing Extraction Kit



includes Slide Hammer that attaches to extractor socket and extractor sockets that fit: 5mm, 18mm, 20mm (ex. TS2021), 22mm & 24mm.

PART #	DESCRIPTION	PRICE
1007	PACKING EXTRACTION KIT	\$ 59.97

Packing Insertion Kit

For All General Pumps

Getting the packing out is one thing...
... getting them back in is another



PART #	DESCRIPTION	PRICE
1063	GENERAL PUMP INSERTION KIT	\$ 27.42

Sewer Jetting Valves for General Pumps

- Increase your service by turning your General Pump into a sewer jetting machine.
- Simply remove the center high pressure valve cap & check valve and install the jetter valve in it's place.
- Then when you want a jetter turn the knob and the jetter hose will start pulling itself along.

Call for other brands.



PART #	DESCRIPTION	PRICE
1004	For TT Series General Pumps	\$ 53.54
1005	For EZ Series General Pumps	\$ 54.69
1006	For T & TS General Pumps	\$ 55.90
3340	For TSF Series General Pumps	\$ 87.86

Gear Boxes

- Fits 1450 RPM Pumps with 24MM Pump Shaft & reduces pump speed to 1450 RPM when installed on a 3600 RPM Engine.



PART #	DESCRIPTION For Pumps that have a 24MM Shaft	PRICE
1028	Dual Bearing Heavy Duty Gear Box 1" Eng Shaft - Mfg. PA Use on Engines up to 30 HP	\$ 247.25
1029	Dual Bearing Heavy Duty Gear Box 1-1/8" Shaft - Mfg. PA Use on Engines up to 30 HP	\$ 247.25
1035	General Pump Gear Box - 1" Engine Shaft - Mfg. General/InterPump Use on Engines up to 20 HP	\$ 296.70
1036	General Pump Gear Box - 1-1/8" Engine Shaft - Mfg. General/InterPump Use on Engines up to 20 HP	\$ 296.70

Pump Pulleys and Bushings



To help you select the right pulley and bushing here are a few combinations that we recommend.

115 Volt with Generator

1450 RPM Pump Pulley	= 8.40
Pump Pulley Bushing*	= 24mm
Engine Pulley for 1450	= 3.40
Engine Pulley Bushing**	= 1"
Generator Pulley 1450	= 3.40 - 5/8"

12 Volt with a...

1450 RPM Pump Pulley	= 8.40
1750 RPM Pump Pulley	= 7.40
Pump Pulley Bushing*	= 24mm
Engine Pulley for 1450	= 3.40
Engine Pulley for 1750	= 3.60
Engine Pulley Bushing**	= 1"

*assuming the pump has a 24mm shaft
*assuming the engine has a 1" shaft

PART #	PULLEY SIZE	PRICE
1654	3.00 - 2-Groove "B" (bushing required)	\$38.41
1655	3.20 - 2-Groove "B" (bushing required)	\$38.41
1656	3.40 - 2-Groove "B" (bushing required)	\$38.41
1658	3.60 - 2-Groove "B" (bushing required)	\$38.41
1659	3.90 - 2-Groove "B" (bushing required)	\$38.41
1661	6.40 - 2-Groove "B" (bushing required)	\$47.20
1662	7.40 - 2-Groove "B" (bushing required)	\$48.30
1663	8.40 - 2-Groove "B" (bushing required)	\$54.89

Typical Generator Pulleys

1657	3.40 - 1-Groove "B" - no bushing required*	\$18.63
1660	3.90 - 1-Groove "B" - no bushing required*	\$27.42

* based on using a generator with a 5/8" shaft

Required Bushings

1025	5/8" For Engine	\$8.78
1026	1" For Engine	\$8.78
1027	1-1/8" For Engine	\$8.78
1032	20mm For Pump	\$8.78
1033	24mm For Pump	\$8.78
1034	32mm For Pump	\$8.78

Master Card, VISA, AMEX, Discover ○ 1-800-346-4876 ○ Minimum Order \$50.00

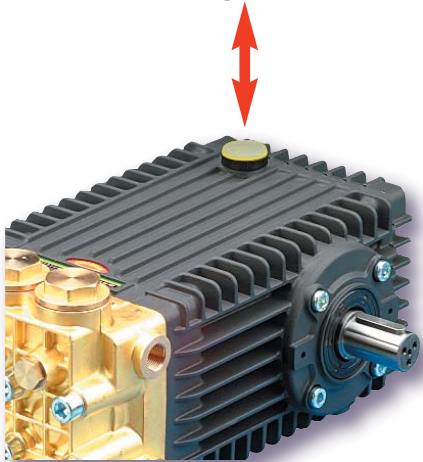
The Industry's Best Pumps

Please remember...

...your pump will arrive to you with a 'shipping plug' where the 'dip stick' goes.

The reason is obvious - right? DO NOT run the pump with the 'shipping plug'.

Install the 'dip stick' first.



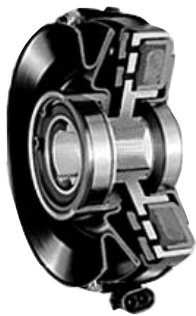
Remember - so long as it fits you can always use a Larger Pump on an Engine by simply adjusting the pressure. For example: The A-R XWM2128 is rated at 4100 PSI at 5.5 GPM and requires a 20 HP engine to achieve those specs. However, by adjusting the pressure to 3,500 PSI you can use that same pump on a 18 HP engine or to 2600 PSI and use it on a 13 HP engine.

READ THIS FIRST!!

Before you order the wrong pump...

...just remember that all pumps come standard with a RIGHT hand shaft as shown in both pictures above. When you order a pump it is your responsibility to tell us what side the shaft is on. For example: A TS2021 Pump is a right hand shaft as shown in the picture. If you need a left hand shaft you would order a **TS2021-L**.

If you do not put the "L" at the end of the part number we assume you want a Standard Shafted Pump.



2-GROOVE CLUTCH

12 Volt Clutch that shuts down the pump when you release the trigger.

Talk about extending pump life!
Easy to install

Fits all 24mm pump shafts
Includes mounting plate
Handles up to 18 Horsepower

#9333 **\$219.00** Net Price

Extra Heavy Duty Rail Kit

FOR PUMPS USED WITH GAS ENGINES

- Remember, tall rails for gas engine machines and short rails are for electric motor machines.
- These rails fit all pumps commonly found in the pressure washer industry.



PART #	DESCRIPTION	PRICE
1653	TALL RAIL KIT 2 5/8"	\$ 24.59

SAVE 10% ON E-MAIL/FAX ORDERS UNLESS 'NET' PRICE APPEARS

We carry the complete line of the industry's MOST POPULAR PUMPS

If you don't see what you need just call a Pump Professional at 1-800-346-4876.

NOTE: →

When ordering a 4 GPM Pump we recommend that instead of ordering 4 GPM at 3500 PSI that you order a 4.5 at 3000 PSI. Why? There is no advantage for having the extra 500 PSI. If it won't come off at 3000 there is little chance that it will come off at 3500. But since rinsing represents about 60% of the total wash time - that extra volume will increase you speed substantially.



The Most Popular Pumps typically found on 13 HP Pressure Washers

GENERAL PUMPS Direct Drive

- Bolts Directly to 1" Shafted Gas Engine
- Pump turns at 3400 RPM Engine Speed
- Easy On/Off Installation
- Simply Remove and Replace 4 Bolts

MODEL	SPECIFICATIONS	NET PRICE
EZ3040G	3,000 PSI @ 4.0 GPM	\$ 300.00
EZ4040G	4,000 PSI @ 4.0 GPM	\$ 279.00



A-R PUMPS Direct Drive

- **HD INDUSTRIAL PUMPS**
- Bolts Directly to 1" Shafted Gas Engine
- Pump turns at 3400 RPM Engine Speed
- Easy On/Off Installation
- Simply Remove and Replace 4 Bolts

MODEL	SPECIFICATIONS	NET PRICE
RKV45G40	4,000 PSI @ 4.5 GPM	\$ 316.66
RKV55G40	4,000 PSI @ 5.5 GPM	\$ 319.66

The Most Popular Pumps typically found on Pressure Washers over 13 HP

GENERAL PUMPS Belt or Gear Drive

- These Pumps are either Belt or Gear Box Driven
- Maximum Pump Speed is 1450 RPM
- Easily interchanges with any pump
- Aluminum Connecting Rods

MODEL	SPECIFICATIONS	NET PRICE
TS1511	3,500 PSI @ 4.0 GPM	\$ 368.00
TS2021B	Same as TS-2021 except brass manifold	\$ 365.00
TS2021	3,500 PSI @ 5.6 GPM plated manifold	\$ 448.00
TSF2019	3,600 PSI @ 6.3 GPM	\$ 695.00
TSF2021	3,600 PSI @ 7.0 GPM	\$ 695.00
TSF2219	3,000 PSI @ 7.7 GPM	\$ 780.00
TSF2221	3,000 PSI @ 8.5 GPM	\$ 667.00
TSF2421	2,500 PSI @ 12 GPM	\$ 716.00
TSP1821	5,100 PSI @ 5.5 GPM	\$ 695.00



A-R PUMPS Belt or Gear Drive

- **HD INDUSTRIAL PUMPS**
- These Pumps are either Belt or Gear Box Driven
- Maximum Pump Speed is 1450 RPM
- Easily interchanges with any pump

MODEL	SPECIFICATIONS	NET PRICE
XWM1530	4,350 PSI @ 4.0 GPM	\$ 434.50
XWM2128	4,100 PSI @ 5.5 GPM	\$ 434.50
SXW2135	5,100 PSI @ 5.5 GPM	\$ 447.66
XW3025	3,600 PSI @ 8.0 GPM	\$ 487.00
XWL4215	2,200 PSI @ 11.0 GPM	\$ 520.00

See our Technical Library at
<http://www.envirospec.com>

T Series 49, Duplex Plunger Pump, Solid Shaft – Duplex pulsing action for improved impacted cleaning, ideal for drain cleaning and jetting applications. Forged brass manifold with an exclusive lifetime warranty.

Max. Inlet Pressure: 125 PSI Max. Fluid Temperature: 165° F Inlet Port Thread: 1/2" - 14 BSP-F

Discharge Port Thread: 3/8" - 19 BSP-F Shaft Diameter: .625 in./16 mm I.D.

Pump Dimensions: 8.8" x 6.8" x 5.4" Max. Inlet Vacuum: 9 ft. water (7.9 in. Hg)

Crankcase Oil Capacity: 10.1 oz. Use GP Series 100 Oil, (see page 33) Product Group: U

	GPM	PSI	RPM	BORE	STROKE	HP	SHP WGHT
T9721B	2.1 GPM	1000 PSI	1750 RPM	.787 in./20 mm	.307 in./7.8 mm	1.4 EBHP	11.0 lbs.
T721B	2.2 GPM	1200 PSI	1450 RPM	.787 in./20 mm	.374 in./9.5 mm	1.8 EBHP	11.0 lbs.
T9731B	2.85 GPM	1000 PSI	1750 RPM	.787 in./20 mm	.414 in./10.5 mm	2.0 EBHP	11.0 lbs.
T731B	3.0 GPM	1200 PSI	1450 RPM	.787 in./20 mm	.472 in./12.0 mm	2.5 EBHP	11.0 lbs.
T731B	3.5 GPM	1000 PSI	1750 RPM	.787 in./20 mm	.472 in./12.0 mm	2.4 EBHP	11.0 lbs.



T721B

T Series 49, Duplex Plunger Pump, Hollow Shaft, NEMA 56 C Flange for Direct Couple to Electric Motors – Duplex pump specifically designed for the demands of the water jetting industry. Forged brass manifold with an exclusive lifetime warranty.

Max. Inlet Pressure: 125 PSI Max. Fluid Temperature: 165° F Inlet Port Thread: 1/2" - 14 BSP-F

Discharge Port Thread: 3/8" - 19 BSP-F Shaft Diameter: .625 in./16 mm I.D.

Pump Dimensions: 8.8" x 6.8" x 5.4" Max. Inlet Vacuum: 9 ft. water (7.9 in. Hg)

Crankcase Oil Capacity: 10.1 oz. Use GP Series 100 Oil, (see page 33) Product Group: U

	GPM	PSI	RPM	BORE	STROKE	HP	SHP WGHT
T9711EBF	1.70 GPM	1500 PSI	1750 RPM	.787 in./20 mm	.260 in./6.6 mm	1.7 EBHP	16.0 lbs.
T9721EBF	2.11 GPM	1500 PSI	1750 RPM	.787 in./20 mm	.307 in./7.8 mm	2.2 EBHP	16.0 lbs.
T9731EBF	2.85 GPM	1500 PSI	1750 RPM	.787 in./20 mm	.413 in./10.5 mm	2.9 EBHP	16.0 lbs.



T9721EBF

TT Series 51, Triplex Plunger Pump, Hollow Shaft, Flanged for Direct Couple to Electric Motors (NEMA-56C) – Ideal for all general cleaning and misting applications. Forged brass manifold with exclusive lifetime warranty.

Max. Inlet Pressure: 80 PSI Max. Fluid Temperature: 165° F Inlet Port Thread: 3/8" - 19 BSP-F

Discharge Port Thread: 1/4" - 19 BSP-F Shaft Diameter: .625 in./16 mm

Pump Dimensions: 7.0" x 7.2" x 5.5" Max. Inlet Vacuum: 3 ft. water (2.6 in. Hg)

Crankcase Oil Capacity: 11.2 oz. Use GP Series 100 Oil, (see page 33) Product Group: U

	GPM	PSI	RPM	BORE	STROKE	HP	SHP WGHT
TT15025EBF	0.25 GPM	1500 PSI	1750 RPM	.591 in./15 mm	.079 in./2.0 mm	0.25 EBHP	11.5 lbs.
TT1505EBF	0.5 GPM	1500 PSI	1750 RPM	.709 in./18 mm	.079 in./2.0 mm	0.5 EBHP	11.5 lbs.
TT2021EBF	2.1 GPM	2000 PSI	3400 RPM	.591 in./15 mm	.197 in./5.0 mm	2.9 EBHP	11.5 lbs.
T9051EBF	2.11 GPM	1500 PSI	1750 RPM	.591 in./15 mm	.370 in./9.4 mm	2.2 EBHP	11.5 lbs.
TT9061EBF	2.11 GPM	1500 PSI	3400 RPM	.591 in./15 mm	.197 in./5.0 mm	2.2 EBHP	11.5 lbs.
TT2028EBF	2.8 GPM	2000 PSI	3400 RPM	.591 in./15 mm	.260 in./6.6 mm	3.8 EBHP	11.5 lbs.
TT9071EBF	2.8 GPM	1500 PSI	3400 RPM	.591 in./15 mm	.260 in./6.6 mm	2.9 EBHP	11.5 lbs.
TT9111EBF	3.0 GPM	1500 PSI	1750 RPM	.709 in./18 mm	.370 in./9.4 mm	3.1 EBHP	11.5 lbs.



TT1505EBF

Shaft: 3/4 in./19 mm

TT2035EBF	3.5 GPM	2000 PSI	3400 RPM	.591 in./15 mm	.315 in./8.0 mm	4.8 EBHP	11.5 lbs.
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PRESSURE CLEANING PUMPS



TT9061EBFUI

TT Series 51, Triplex Plunger Pump with Built-in Unloader, Hollow Shaft, Flanged for Direct Couple to Electric Motors (NEMA-56C). Ideal for all general cleaning and misting applications. Forged brass manifold with exclusive lifetime warranty.

Max. Inlet Pressure: 80 PSI Max. Fluid Temperature: 165° F Inlet Port Thread: 1/2" - 14 BSP-M Discharge Port Thread: 3/8" - 19 BSP-M Shaft Diameter: .625 in./16 mm Pump Dimensions: 7.0" x 7.2" x 8.0" Max. Inlet Vacuum: 3 ft. water (2.6 in. Hg) Crankcase Oil Capacity: 11.2 oz. Use GP Series 100 Oil, (see page 33) Product Group: U

	GPM	PSI	RPM	BORE	STROKE	HP	SHP WGHT
TT9051EBFU	2.11 GPM	1500 PSI	1750 RPM	.591 in./15 mm	.370 in./9.4 mm	2.2 EBHP	12.0 lbs.
TT9061EBFU	2.11 GPM	1500 PSI	3400 RPM	.591 in./15 mm	.197 in./5.0 mm	2.2 EBHP	12.0 lbs.
TT9071EBFU	2.8 GPM	1500 PSI	3400 RPM	.591 in./15 mm	.260 in./6.6 mm	2.9 EBHP	12.0 lbs.

Pump with Built-in Unloader and Downstream Injector

TT9061EBFUI	2.11 GPM	1500 PSI	3400 RPM	.591 in./15 mm	.197 in./5.0 mm	2.2 EBHP	12.0 lbs.
T9051EBFUI	2.11 GPM	1500 PSI	1750 RPM	.591 in./15 mm	.370 in./9.4 mm	2.2 EBHP	12.0 lbs.
TT9071EBFUI	2.8 GPM	1500 PSI	3400 RPM	.591 in./15 mm	.260 in./6.6 mm	2.9 EBHP	12.0 lbs.
TT2035EBFUI	3.5 GPM	2000 PSI	3400 RPM	.591 in./15 mm	.315 in./8.0 mm	4.8 EBHP	12.0 lbs.



TT9061GBF

TT Series 51, Triplex Plunger Pump, Hollow Shaft, SAE J609A Flanged for Direct Couple to Gasoline Engines – Ideal for all general cleaning applications. Forged brass manifold with an exclusive lifetime warranty.

Max. Inlet Pressure: 80 PSI Max. Fluid Temperature: 165° F Inlet Port Thread: 3/8" - 19 BSP-F Discharge Port Thread: 1/4" - 19 BSP-F Shaft Diameter: .750 in./19 mm Pump Dimensions: 7.2" x 7.2" x 5.5" Max. Inlet Vacuum: 3 ft. water (2.6 in. Hg) Crankcase Oil Capacity: 11.2 oz. Use GP Series 100 Oil, (see page 33) Product Group: U

	GPM	PSI	RPM	BORE	STROKE	HP	SHP WGHT
TT9061GBF	2.11 GPM	1500 PSI	3400 RPM	.591 in./15 mm	.197 in./5.0 mm	3.3 GHP	11.4 lbs.
TT2028GBF	2.8 GPM	2000 PSI	3400 RPM	.591 in./15 mm	.260 in./6.6 mm	5.8 GHP	11.4 lbs.
TT9071GBF	2.8 GPM	1500 PSI	3400 RPM	.591 in./15 mm	.260 in./6.6 mm	4.3 GHP	11.4 lbs.
TT2035GBF	3.5 GPM	2000 PSI	3400 RPM	.591 in./15 mm	.315 in./8.0 mm	7.2 GHP	11.4 lbs.
TT1540GBF	4.0 GPM	1500 PSI	3400 RPM	.591 in./15 mm	.370 in./9.4 mm	6.2 GHP	11.4 lbs.



TT901

TT Series 51, Triplex Plunger Pump with Solid Shaft – Standard with 24 mm solid shaft for pulley mount or direct drive with flex coupler and bell housing. Ideal for all general cleaning applications. Forged brass manifold with an exclusive lifetime warranty.

Max. Inlet Pressure: 80 PSI Max. Fluid Temperature: 165° F Inlet Port Thread: 3/8" - 19 BSP-F Discharge Port Thread: 1/4" - 19 BSP-F Shaft Diameter: .945 in./24 mm Pump Dimensions: 7.0" x 6.9" x 5.1" Max. Inlet Vacuum: 3 ft. water (2.6 in. Hg) Crankcase Oil Capacity: 11.2 oz. Use GP Series 100 Oil, (see page 33) Product Group: U

	GPM	PSI	RPM	BORE	STROKE	HP	SHP WGHT
TT901	2.11 GPM	1500 PSI	2800 RPM	.591 in./15 mm	.236 in./6.0 mm	2.2 EBHP	11.2 lbs.
TT951	2.5 GPM	1500 PSI	2800 RPM	.591 in./15 mm	.283 in./7.2 mm	2.6 EBHP	11.2 lbs.
TT931	2.9 GPM	1500 PSI	2800 RPM	.591 in./15 mm	.315 in./8.0 mm	3.0 EBHP	11.2 lbs.
TT9111	3.0 GPM	1500 PSI	1750 RPM	.780 in./18 mm	.370 in./9.4 mm	3.1 EBHP	11.2 lbs.
TT941	3.43 GPM	1500 PSI	2800 RPM	.591 in./15 mm	.370 in./9.4 mm	3.5 EBHP	11.2 lbs.



PRESSURE CLEANING PUMPS

TP Series 51, Triplex Plunger Pump, Hollow Shaft, Flanged for Direct Couple to Gasoline Engines – New, oversized connecting rods for ultimate crankcase performance. Forged brass manifold with an exclusive lifetime warranty.

Max. Inlet Pressure: 80 PSI Max. Fluid Temperature: 165° F Inlet Port Thread: 3/8" - 19 BSP-F

Discharge Port Thread: 1/4" - 19 BSP-F Shaft Diameter: .750 in./19 mm

Pump Dimensions: 7.0" x 7.2" x 5.5" Max. Inlet Vacuum: 3 ft. water (2.6 in. Hg)

Crankcase Oil Capacity: 11.0 oz. Use GP Series 100 Oil, (see page 33) Product Group: U

	GPM	PSI	RPM	BORE	STROKE	HP	SHP WGHT
TP2520J34	1.9 GPM	2500 PSI	3400 RPM	.591 in./15 mm	.197 in./5.0 mm	4.9 GHP	11.4 lbs.
TP2526J34	2.6 GPM	2500 PSI	3400 RPM	.591 in./15 mm	.260 in./6.6 mm	6.7 GHP	11.4 lbs.
TP2530J34	2.88 GPM	2500 PSI	3400 RPM	.591 in./15 mm	.283 in./7.2 mm	7.4 GHP	11.4 lbs.
TP2533J34	3.3 GPM	2500 PSI	3400 RPM	.591 in./15 mm	.315 in./8.0 mm	8.5 GHP	11.4 lbs.



TP2520J34

TP Series 51, Triplex Plunger Pump with Built-in Unloader and Downstream Injector, Hollow Shaft, Flanged for Direct Couple to Gasoline Engines.

Inlet Port Thread: 1/2" - 14 BSP-F Discharge Port Thread: 3/8" - 19 BSP-M Use GP Series 100 Oil,

(see page 33)

	GPM	PSI	RPM	BORE	STROKE	HP	SHP WGHT
TP2520J34UIL	1.9 GPM	2500 PSI	3400 RPM	.591 in./15 mm	.197 in./5.0 mm	4.9 GHP	11.4 lbs.
TP2526J34UIL	2.6 GPM	2700 PSI	3400 RPM	.591 in./15 mm	.256 in./6.5 mm	7.2 GHP	11.4 lbs.
TP2530J34UIL	2.88 GPM	2700 PSI	3400 RPM	.591 in./15 mm	.283 in./7.2 mm	8.0 GHP	11.4 lbs.
TP2533J34UIL	3.3 GPM	2500 PSI	3400 RPM	.591 in./15 mm	.315 in./8.0 mm	8.5 GHP	11.4 lbs.



TP2530J34UIL

TC Series 60, Triplex Plunger Pump, Compact Design, Solid Shaft – New long life low-pressure seal, oversized bearings and sight glass. Forged brass manifold with an exclusive lifetime warranty.

Max. Inlet Pressure: 125 PSI Max. Fluid Temperature: 165° F Inlet Port Thread: 1/2" - 14 BSP-F

Discharge Port Thread: 3/8" - 19 BSP-F Shaft Diameter: .945 in./24 mm Gauge Port: 1/8"

Max. Inlet Vacuum: 3 ft. water (2.6 in. Hg) Pump Dimensions: 7.6" x 8.0" x 4.9"

Crankcase Oil Capacity: 11.8 oz. Use GP Series 100 Oil, (see page 33) Product Group: U

	GPM	PSI	RPM	BORE	STROKE	HP	SHP WGHT
TC1509S17	1.75 GPM	2500 PSI	1450 RPM	.591 in./15 mm	.370 in./9.4 mm	3.0 EBHP	15.2 lbs.
TC1509S17	2.10 GPM	2500 PSI	1750 RPM	.591 in./15 mm	.370 in./9.4 mm	3.6 EBHP	15.2 lbs.
TC1511S17	2.10 GPM	2500 PSI	1450 RPM	.591 in./15 mm	.453 in./11.5 mm	3.6 EBHP	15.2 lbs.
TC1809S17	2.50 GPM	2200 PSI	1450 RPM	.709 in./18 mm	.370 in./9.4 mm	3.77 EBHP	15.2 lbs.
TC1511S17	2.60 GPM	2500 PSI	1750 RPM	.591 in./15 mm	.453 in./11.5 mm	4.45 EBHP	15.2 lbs.
TC1809S17	3.10 GPM	2200 PSI	1750 RPM	.709 in./18 mm	.370 in./9.4 mm	4.67 EBHP	15.2 lbs.
TC1811S17	3.25 GPM	2200 PSI	1450 RPM	.709 in./18 mm	.453 in./11.5 mm	4.9 EBHP	15.2 lbs.
TC1811S17	3.90 GPM	2200 PSI	1750 RPM	.709 in./18 mm	.453 in./11.5 mm	5.88 EBHP	15.2 lbs.



TC1509S17

Max. Inlet Required: Flooded

TC1507S34	3.0 GPM	2700 PSI	3400 RPM	.591 in./15 mm	.283 in./7.2 mm	5.55 EBHP	15.2 lbs.
TC1508S34	3.3 GPM	2500 PSI	3400 RPM	.591 in./15 mm	.315 in./8.0 mm	5.65 EBHP	15.2 lbs.

PRESSURE CLEANING PUMPS



TC1508E175

TC Series 60, Triplex Plunger Pump, Compact Design, 5/8" Hollow Shaft, Flanged for Direct Couple to Electric Motors (NEMA 56C) – New long life low-pressure seal, oversized bearings and sight glass. Forged brass manifold with an exclusive lifetime warranty.

Max. Inlet Pressure: 125 PSI Max. Fluid Temperature: 165° F Inlet Port Thread: 1/2" - 14 BSP-F Discharge Port Thread: 3/8" - 19 BSP-F Shaft Diameter: .625 in./16 mm Gauge Port: 1/8" Max. Inlet Vacuum: 3 ft. water (2.6 in. Hg) Pump Dimensions: 7.8" x 7.3" x 5.5" Crankcase Oil Capacity: 11.8 oz. Use GP Series 100 Oil, (see page 33) Product Group: U

	GPM	PSI	RPM	BORE	STROKE	HP	SHP	WGHT
TC1508E175	1.75 GPM	2500 PSI	1750 RPM	.591 in./15 mm	.315 in./8.0 mm	3.0 EBHP	15.1 lbs.	
TC1509E175	2.10 GPM	2500 PSI	1750 RPM	.591 in./15 mm	.370 in./9.4 mm	3.6 EBHP	15.1 lbs.	
TC1809E175	3.10 GPM	2200 PSI	1750 RPM	.709 in./18 mm	.370 in./9.4 mm	4.7 EBHP	15.1 lbs.	

Max. Inlet Vacuum: Flooded

TC1504E345	1.75 GPM	2700 PSI	3400 RPM	.591 in./15 mm	.158 in./4.0 mm	3.2 EBHP	15.1 lbs.	
TC1505E345	2.1 GPM	2700 PSI	3400 RPM	.591 in./15 mm	.197 in./5.0 mm	3.88 EBHP	15.1 lbs.	
TC1506E345	2.6 GPM	2700 PSI	3400 RPM	.591 in./15 mm	.256 in./6.5 mm	4.81 EBHP	15.1 lbs.	
TC1507E345	3.0 GPM	2700 PSI	3400 RPM	.591 in./15 mm	.283 in./7.2 mm	5.55 EBHP	15.1 lbs.	

No Flange for Direct Couple to Motor

TC1509E17N	2.1 GPM	2500 PSI	1750 RPM	.591 in./15 mm	.370 in./9.4 mm	3.6 EBHP	15.1 lbs.	
TC1809E17N	3.1 GPM	2200 PSI	1750 RPM	.708 in./18 mm	.370 in./9.4 mm	4.7 EBHP	15.1 lbs.	

TC Series 60, Triplex Plunger Pump, Compact Design, 3/4" Hollow Shaft 56C Flange for Direct Coupling to Modified 56C Electric Motors.

	GPM	PSI	RPM	BORE	STROKE	HP	SHP	WGHT
TC1506E346	2.6 GPM	2700 PSI	3400 RPM	.591 in./15 mm	.256 in./6.5 mm	4.81 EBHP	15.1 lbs.	
TC1507E346	3.0 GPM	2700 PSI	3400 RPM	.591 in./15 mm	.283 in./7.2 mm	5.55 EBHP	15.1 lbs.	
TC1508E346	3.3 GPM	2500 PSI	3400 RPM	.591 in./15 mm	.315 in./8.0 mm	5.65 EBHP	15.1 lbs.	



TC1809E17N



TC1506G

TC Series 60, Triplex Plunger Pump, Compact Design, 3/4" Hollow Shaft, Flanged for Direct Couple to Gasoline Engines (SAE J609A) – New long life low-pressure seal, oversized bearings and sight glass. Forged brass manifold with an exclusive lifetime warranty.

Max. Inlet Pressure: 125 PSI Max. Fluid Temperature: 165° F Inlet Port Thread: 1/2" - 14 BSP-F Discharge Port Thread: 3/8" - 19 BSP-F Shaft Diameter: .750 in./19 mm Gauge Port: 1/8" Max. Inlet Required: Flooded Pump Dimensions: 7.6" x 7.6" x 5.1" Crankcase Oil Capacity: 11.8 oz. Use GP Series 100 Oil, (see page 33) Product Group: U

	GPM	PSI	RPM	BORE	STROKE	HP	SHP	WGHT
TC1506G	2.6 GPM	2700 PSI	3400 RPM	.591 in./15 mm	.256 in./6.5 mm	7.21 GHP	14.6 lbs.	
TC1507G	3.0 GPM	2700 PSI	3400 RPM	.591 in./15 mm	.283 in./7.2 mm	8.32 GHP	14.6 lbs.	
TC1508G	3.3 GPM	2500 PSI	3400 RPM	.591 in./15 mm	.315 in./8.0 mm	8.48 GHP	14.6 lbs.	
TC1509G	4.0 GPM	2500 PSI	3400 RPM	.591 in./15 mm	.370 in./9.4 mm	10.27 GHP	14.6 lbs.	

TC Series 60, Triplex Plunger Pump, Compact Design, 3/4" Hollow Shaft, Flanged for Direct Couple to Gasoline Engines (SAE J609A) – Exclusive premium built-in trapped pressure unloader on the left side of manifold, new long life low-pressure seal, oversized bearings and sight glass. Forged brass manifold with an exclusive lifetime warranty.

Max. Inlet Pressure: 125 PSI Max. Fluid Temperature: 165° F Inlet Port Thread: 1/2" - 14 BSP-F Discharge Port Thread: 3/8" - 19 BSP-F Shaft Diameter: .750 in./19 mm Gauge Port: 1/8" Max. Inlet Required: Flooded Pump Dimensions: 10.4" x 8.0" x 7.7" Crankcase Oil Capacity: 11.8 oz. Use GP Series 100 Oil, (see page 33) Product Group: U

	GPM	PSI	RPM	BORE	STROKE	HP	SHP	WGHT
TC1506GUI	2.6 GPM	2700 PSI	3400 RPM	.591 in./15 mm	.256 in./6.5 mm	7.21 GHP	16.0 lbs.	
TC1507GUI	3.0 GPM	2700 PSI	3400 RPM	.591 in./15 mm	.283 in./7.2 mm	8.32 GHP	16.0 lbs.	
TC1508GUI	3.3 GPM	2500 PSI	3400 RPM	.591 in./15 mm	.315 in./8.0 mm	8.48 GHP	16.0 lbs.	
TC1509GUI	4.0 GPM	2500 PSI	3400 RPM	.591 in./15 mm	.370 in./9.4 mm	10.27 GHP	16.0 lbs.	



TC1506GUI

TX Series 63, Triplex Plunger Pump, Solid Shaft – Large, lightweight connecting rods, new long life low and high pressure seals, oversized roller bearings and dual sight glasses. Forged brass manifold with an exclusive lifetime warranty.

Max. Inlet Pressure: 125 PSI Max. Fluid Temperature: 165° F Inlet Port Thread: 1/2" - 14 BSP-F Discharge Port Thread: 3/8" - 19 BSP-F Shaft Diameter: .945 in./24 mm

Pump Dimensions: 8.4" x 8.3" x 4.8" Max. Inlet Vacuum: 3 ft. water (2.6 in. Hg)

Crankcase Oil Capacity: 14 oz. Use GP Series 100 Oil, (see page 33) Product Group: W

	GPM	PSI	RPM	BORE	STROKE	HP	SHP WGHT
TX1512S17	2.1 GPM	3000 PSI	1450 RPM	.591 in./15 mm	.472 in./12 mm	4.3 EBHP	19.0 lbs.
TX1512S17	2.6 GPM	3000 PSI	1750 RPM	.591 in./15 mm	.472 in./12 mm	5.3 EBHP	19.0 lbs.
TX1810S17	2.7 GPM	2000 PSI	1450 RPM	.709 in./18 mm	.394 in./10 mm	3.7 EBHP	19.0 lbs.
TX1810S17	3.1 GPM	2000 PSI	1750 RPM	.709 in./18 mm	.394 in./10 mm	4.2 EBHP	19.0 lbs.
TX1812S17	3.2 GPM	2000 PSI	1450 RPM	.709 in./18 mm	.472 in./12 mm	4.4 EBHP	19.0 lbs.
TX1812S17	3.8 GPM	2000 PSI	1750 RPM	.709 in./18 mm	.472 in./12 mm	5.2 EBHP	19.0 lbs.

Max. Inlet Vacuum: Flooded

TX1506S34	2.6 GPM	3000 PSI	3400 RPM	.591 in./15 mm	.256 in./6.5 mm	5.3 EBHP	19.0 lbs.
TX1508S34	3.0 GPM	3000 PSI	3400 RPM	.591 in./15 mm	.315 in./8.0 mm	6.2 EBHP	19.0 lbs.
TX1510S34	4.0 GPM	3000 PSI	3400 RPM	.591 in./15 mm	.394 in./10 mm	8.2 EBHP	19.0 lbs.

TX Series 63, Triplex Plunger Pump with 1.125" Hollow Shaft, Flanged for Direct Couple to NEMA 184TC Electric Motor – Large, lightweight connecting rods, new long life low-and high-pressure seals, oversized roller bearings and dual sight glasses. Forged brass manifold with an exclusive lifetime warranty.

Max. Inlet Pressure: 125 PSI Max. Fluid Temperature: 165° F Inlet Port Thread: 1/2" - 14 BSP-F Discharge Port Thread: 3/8" - 19 BSP-F Shaft Diameter: 1.125 in./28.5 mm

Pump Dimensions: 8.6" x 7.9" x 5.7" Max. Inlet Vacuum: 3 ft. water (2.6 in. Hg)

Crankcase Oil Capacity: 14 oz. Use GP Series 100 Oil, (see page 33) Product Group: W

	GPM	PSI	RPM	BORE	STROKE	HP	SHP WGHT
TX1510E349	2.1 GPM	3000 PSI	1750 RPM	.591 in./15 mm	.394 in./10 mm	4.3 EBHP	18.0 lbs.
TX1512E179	2.6 GPM	3000 PSI	1750 RPM	.591 in./15 mm	.472 in./12 mm	5.3 EBHP	18.0 lbs.
TX1810E179	3.2 GPM	2000 PSI	1750 RPM	.708 in./18 mm	.394 in./10 mm	4.4 EBHP	18.0 lbs.
TX1812E179	3.8 GPM	2000 PSI	1750 RPM	.708 in./18 mm	.472 in./12 mm	5.2 EBHP	18.0 lbs.

Max. Inlet Required: Flooded

TX1510E349	4.0 GPM	3000 PSI	3400 RPM	.591 in./15 mm	.394 in./10 mm	8.2 EBHP	18.0 lbs.
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TX Series 63, Triplex Plunger Pump, 3/4" Hollow Shaft, Flanged for Direct Couple to Gasoline Engines (SAE J609B) – Large, lightweight connecting rods, new long life low-and high-pressure seals, oversized roller bearings and dual sight glasses. Forged brass manifold with an exclusive lifetime warranty.

Max. Inlet Pressure: 125 PSI Max. Fluid Temperature: 165° F Inlet Port Thread: 1/2" - 14 BSP-F Discharge Port Thread: 3/8" - 19 BSP-F Shaft Diameter: .750 in./19 mm

Pump Dimensions: 8.4" x 8.3" x 4.8" Max. Inlet Required: Flooded Crankcase Oil Capacity: 14 oz.

Use GP Series 100 Oil, (see page 33) Product Group: W

	GPM	PSI	RPM	BORE	STROKE	HP	SHP WGHT
TX1505G6	2.0 GPM	3000 PSI	3400 RPM	.591 in./15 mm	.197 in./5.0 mm	6.2 GHP	18.0 lbs.
TX1506G6	2.6 GPM	3000 PSI	3400 RPM	.591 in./15 mm	.256 in./6.5 mm	8.0 GHP	18.0 lbs.
TX1508G6	3.0 GPM	3000 PSI	3400 RPM	.591 in./15 mm	.315 in./8.0 mm	9.2 GHP	18.0 lbs.

TX Series 63, Triplex Plunger Pump, 1" Hollow Shaft, Flanged for Direct Couple to Gasoline Engines (SAE J609B) – Large, lightweight connecting rods, new long life low-and high-pressure seals, oversized roller bearings and dual sight glasses. Forged brass manifold with an exclusive lifetime warranty.

Max. Inlet Pressure: 125 PSI Max. Fluid Temperature: 165° F Inlet Port Thread: 1/2" - 14 BSP-F Discharge Port Thread: 3/8" - 19 BSP-F Shaft Diameter: 1.0 in./25.4 mm

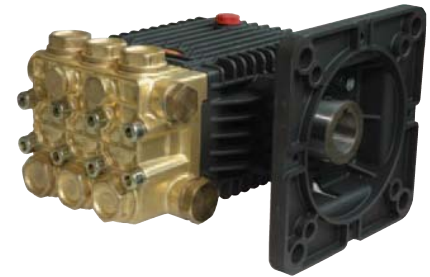
Pump Dimensions: 8.4" x 8.3" x 4.8" Max. Inlet Required: Flooded Crankcase Oil Capacity: 14 oz.

Use GP Series 100 Oil, (see page 33) Product Group: W

	GPM	PSI	RPM	BORE	STROKE	HP	SHP WGHT
TX1506G8	2.6 GPM	3000 PSI	3400 RPM	.591 in./15 mm	.256 in./6.5 mm	8.0 GHP	18.0 lbs.
TX1508G8	3.0 GPM	3000 PSI	3400 RPM	.591 in./15 mm	.315 in./8.0 mm	9.2 GHP	18.0 lbs.
TX1509G8	3.5 GPM	3000 PSI	3400 RPM	.591 in./15 mm	.355 in./9.0 mm	10.8 GHP	18.0 lbs.
TX1510G8	4.0 GPM	3000 PSI	3400 RPM	.591 in./15 mm	.394 in./10 mm	12.3 GHP	18.0 lbs.



TX1812S17



TX1512E179



TX1506G6



TX1506G8

PRESSURE CLEANING PUMPS



TX1508G8UI



TX1506G8UK



EZ2536E



EZ2542S

TX Series 63, Triplex Plunger Pump with Built-in Unloader and Downstream Injector on the left side of the manifold, 1" Hollow Shaft, Flanged for Direct Couple to Gasoline Engines (SAE J609B) – Large, lightweight connecting rods, new long life low-and high-pressure seals, oversized roller bearings and dual sight glasses. Forged brass manifold with an exclusive lifetime warranty.

Max. Inlet Pressure: 125 PSI Max. Fluid Temperature: 165° F Inlet Port Thread: 1/2" - 14 BSP-F Discharge Port Thread: 3/8" - 19 BSP-M Shaft Diameter: 1.0 in./25.4 mm

Pump Dimensions: 8.4" x 8.3" x 4.8" Max. Inlet Required: Flooded

Crankcase Oil Capacity: 14 oz. Use GP Series 100 Oil, (see page 33) Product Group: W

	GPM	PSI	RPM	BORE	STROKE	HP	SHP WGHT
TX1506G8UI	2.6 GPM	3000 PSI	3400 RPM	.591 in./15 mm	.256 in./6.5 mm	8.0 GHP	18.2 lbs.
TX1508G8UI	3.0 GPM	3000 PSI	3400 RPM	.591 in./15 mm	.315 in./8.0 mm	9.2 GHP	18.2 lbs.
TX1509G8UI	3.5 GPM	3000 PSI	3400 RPM	.591 in./15 mm	.355 in./9.0 mm	10.8 GHP	18.2 lbs.
TX1510G8UI	4.0 GPM	3000 PSI	3400 RPM	.591 in./15 mm	.394 in./10 mm	12.3 GHP	18.2 lbs.

Pump with Built-in Flow Sensitive Unloader and Fixed Downstream Injector

TX1506G8UK	2.6 GPM	3000 PSI	3400 RPM	.591 in./15 mm	.256 in./6.5 mm	8.0 GHP	18.2 lbs.
TX1508G8UK	3.0 GPM	3000 PSI	3400 RPM	.591 in./15 mm	.315 in./8.0 mm	9.2 GHP	18.2 lbs.
TX1509G8UK	3.5 GPM	3000 PSI	3400 RPM	.591 in./15 mm	.355 in./9.0 mm	10.8 GHP	18.2 lbs.
TX1510G8UK	4.0 GPM	3000 PSI	3400 RPM	.591 in./15 mm	.394 in./10 mm	12.3 GHP	18.2 lbs.

EZ Series 44, Triplex Plunger Pump with Hollow Shaft, Flanged for Direct Couple to Electric Motors (NEMA-184TC) – Forged brass manifold with an exclusive lifetime warranty.

Max. Inlet Pressure: 125 PSI Max. Fluid Temperature: 165° F Inlet Port Thread: 1/2" - 14 BSP-F Discharge Port Thread: 3/8" - 19 BSP-F Shaft Diameter: 1.125 in./28.5 mm

Pump Dimensions: 8.8" x 8.8" x 6.3" Max. Inlet Vacuum: 3 ft. water (2.6 in. Hg)

Crankcase Oil Capacity: 14.0 oz. Use GP Series 100 Oil, (see page 33) Product Group: W

	GPM	PSI	RPM	BORE	STROKE	HP	SHP WGHT
EZ2536E	3.6 GPM	2500 PSI	1750 RPM	.708 in./18 mm	.433 in./11 mm	6.2 EBHP	18.5 lbs.
EZ2542E	4.2 GPM	2500 PSI	1750 RPM	.708 in./18 mm	.512 in./13 mm	7.2 EBHP	18.5 lbs.
EZ2545E	4.6 GPM	2500 PSI	3400 RPM	.591 in./15 mm	.433 in./11 mm	7.9 EBHP	18.5 lbs.
EZ2555E	5.5 GPM	2500 PSI	3400 RPM	.591 in./15 mm	.512 in./13 mm	9.4 EBHP	18.5 lbs.
EZ4035E34	3.5 GPM	4000 PSI	3400 RPM	.512 in./13 mm	.433 in./11 mm	9.6 EBHP	18.5 lbs.
EZ4040E34	4.0 GPM	4000 PSI	3400 RPM	.512 in./13 mm	.512 in./13 mm	11.0 EBHP	18.5 lbs.

Pump Includes Unloader and Downstream Injector

EZ2536EUI	3.6 GPM	2500 PSI	1750 RPM	.708 in./18 mm	.433 in./11 mm	6.2 EBHP	18.5 lbs.
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EZ Series 44, Triplex Plunger Pump with Solid Shaft – Forged brass manifold with an exclusive lifetime warranty. Flex coupling and bell housing available for direct drive.

Max. Inlet Pressure: 125 PSI Max. Fluid Temperature: 165° F Inlet Port Thread: 1/2" - 14 BSP-F Discharge Port Thread: 3/8" - 19 BSP-F Shaft Diameter: .945 in./24 mm

Pump Dimensions: 8.6" x 8.7" x 5.5" Max. Inlet Vacuum: 3 ft. water (2.6 in. Hg)

Crankcase Oil Capacity: 14.0 oz. Use GP Series 100 Oil, (see page 33) Product Group: W

	GPM	PSI	RPM	BORE	STROKE	HP	SHP WGHT
EZ2536S	3.6 GPM	2500 PSI	1750 RPM	.708 in./18 mm	.433 in./11 mm	6.2 EBHP	18.0 lbs.
EZ3040S	4.0 GPM	3000 PSI	3400 RPM	.591 in./15 mm	.374 in./9.5 mm	8.2 EBHP	18.0 lbs.
EZ2542S	4.2 GPM	2500 PSI	1750 RPM	.708 in./18 mm	.512 in./13 mm	7.2 EBHP	18.0 lbs.
EZ2545S	4.6 GPM	2500 PSI	3400 RPM	.591 in./15 mm	.433 in./11 mm	7.9 EBHP	18.0 lbs.
EZ2555S	5.5 GPM	2500 PSI	3400 RPM	.591 in./15 mm	.512 in./13 mm	9.4 EBHP	18.0 lbs.

Premium Roller Bearings

EZ3042S	4.2 GPM	3000 PSI	1750 RPM	.708 in./18 mm	.512 in./13 mm	8.6 EBHP	18.0 lbs.
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Pump Includes Built-in Unloader and Downstream Injector

EZ2530SUI	3.0 GPM	2500 PSI	1750 RPM	.591 in./15 mm	.512 in./13 mm	5.1 EBHP	19.0 lbs.
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EZ Series 44, Triplex Plunger Pump with Hollow Shaft, Flanged for Direct Couple to Gasoline Engines (SAE J609B) – Forged brass manifold with an exclusive lifetime warranty. Flanged for mounting on up to 13 horsepower engines.

Max. Inlet Pressure: 125 PSI Max. Fluid Temperature: 165° F Inlet Port Thread: 1/2" - 14 BSP-F

Discharge Port Thread: 3/8" - 19 BSP-F Shaft Diameter: 1.0 in./25.4 mm

Pump Dimensions: 8.8" x 9.7" x 6.5" Max. Inlet Vacuum: 3 ft. water (2.6 in. Hg)

Crankcase Oil Capacity: 14.0 oz. Use GP Series 100 Oil, (see page 33) Product Group: W

	GPM	PSI	RPM	BORE	STROKE	HP	SHP WGHT
EZ3030G34	3.0 GPM	3200 PSI	3400 RPM	.591 in./15 mm	.299 in./7.6 mm	9.9 GHP	19.1 lbs.
EZ3035G	3.5 GPM	3000 PSI	3400 RPM	.591 in./15 mm	.335 in./8.5 mm	10.8 GHP	19.1 lbs.
EZ3040G	4.0 GPM	3000 PSI	3400 RPM	.591 in./15 mm	.374 in./9.5 mm	12.3 GHP	19.1 lbs.
EZ3045G	4.6 GPM	3000 PSI	3400 RPM	.591 in./15 mm	.433 in./11 mm	14.2 GHP	19.1 lbs.

Max. Inlet Required: Flooded

EZ4030G34	3.0 GPM	4000 PSI	3400 RPM	.512 in./13 mm	.374 in./9.5 mm	12.3 GHP	20.0 lbs.
EZ4035G34	3.5 GPM	4000 PSI	3400 RPM	.512 in./13 mm	.433 in./11 mm	14.4 GHP	20.0 lbs.
Shaft set screw for gasoline engines							
EZ4040G	4.0 GPM	4000 PSI	3400 RPM	.512 in./13 mm	.512 in./13 mm	16.4 GHP	20.0 lbs.

Pump with Built-in Unloader and Fixed Downstream Injector

EZ3030G34UI	3.0 GPM	3500 PSI	3400 RPM	.591 in./15 mm	.299 in./7.6 mm	10.8 GHP	19.3 lbs.
EZ3035GUI	3.5 GPM	3500 PSI	3400 RPM	.591 in./15 mm	.335 in./8.5 mm	12.6 GHP	19.3 lbs.
EZ3040GUI	4.0 GPM	3500 PSI	3400 RPM	.591 in./15 mm	.374 in./9.5 mm	14.4 GHP	19.3 lbs.
EZ2545GUI	4.6 GPM	2500 PSI	3400 RPM	.591 in./15 mm	.433 in./11 mm	11.8 GHP	19.3 lbs.

Pump with Built-in Flow Sensitive Unloader and Fixed Downstream Injector

EZ3035GUK	3.5 GPM	3000 PSI	3400 RPM	.591 in./15 mm	.335 in./8.5 mm	10.8 GHP	19.3 lbs.
EZ3040GUK	4.0 GPM	3000 PSI	3400 RPM	.591 in./15 mm	.374 in./9.5 mm	12.3 GHP	19.3 lbs.

T Series 50, Triplex Plunger Pump with Solid Shaft – Forged brass manifold with an exclusive lifetime warranty. Flex coupling and bell housing available for direct drive. Solid ceramic plungers with continuously lubricated packings.

Max. Inlet Pressure: 125 PSI Max. Fluid Temperature: 165° F Inlet Port Thread: 1/2" - 14 BSP-F

Discharge Port Thread: 3/8" - 19 BSP-F Shaft Diameter: .945 in./24 mm

Pump Dimensions: 9.3" x 8.3" x 5.4" Max. Inlet Vacuum: 9 ft. water (7.9 in. Hg)

Crankcase Oil Capacity: 15.2 oz. Use GP Series 100 Oil, (see page 33) Product Group: W

	GPM	PSI	RPM	BORE	STROKE	HP	SHP WGHT
T991	3.5 GPM	1500 PSI	1450 RPM	.787 in./20 mm	.394 in./10 mm	3.6 EBHP	19.0 lbs.
T9951	3.5 GPM	1500 PSI	1750 RPM	.787 in./20 mm	.335 in./8.5 mm	3.6 EBHP	19.0 lbs.
TT9351	3.5 GPM	2500 PSI	3400 RPM	.591 in./15 mm	.335 in./8.5 mm	6.0 EBHP	18.7 lbs.
T991	4.0 GPM	1100 PSI	1750 RPM	.787 in./20 mm	.394 in./10 mm	3.0 EBHP	19.0 lbs.
T9971	4.0 GPM	2000 PSI	1750 RPM	.787 in./20 mm	.394 in./10 mm	5.5 EBHP	19.0 lbs.
TT9441	4.4 GPM	2500 PSI	3400 RPM	.591 in./15 mm	.394 in./10 mm	7.5 EBHP	18.7 lbs.

T991 (100648) and T9951 (100656) with Teflon Packings

100648	3.5 GPM	1500 PSI	1450 RPM	.787 in./20 mm	.394 in./10 mm	3.6 EBHP	19.0 lbs.
100656	3.5 GPM	1500 PSI	1750 RPM	.787 in./20 mm	.335 in./8.5 mm	3.6 EBHP	19.0 lbs.

Pump with Gearbox

T991GR	3.5 GPM	1500 PSI	3400 RPM	.787 in./20 mm	.394 in./10 mm	5.4 GHP	24.0 lbs.
T9971GR	3.5 GPM	2000 PSI	3400 RPM	.787 in./20 mm	.394 in./10 mm	7.2 GHP	24.0 lbs.



EZ3040G



EZ3040GUI



EZ3035GUK



T991

PRESSURE CLEANING PUMPS



TS1331



TS1811



T9281



T9281GR



TS2219

T Series 47, Triplex Plunger Pump, Solid Shaft – Forged brass manifold with an exclusive lifetime warranty. Heavy-duty tapered roller bearings and oversized connecting rods for maximum life.
Max. Inlet Pressure: 125 PSI Max. Fluid Temperature: 165° F Inlet Port Thread: 1/2" - 14 BSP-F
Discharge Port Thread: 3/8" - 19 BSP-F Shaft Diameter: .945 in./24 mm
Pump Dimensions: 12.2" x 9.2" x 6.9" Max. Inlet Vacuum: 9 ft. water (7.9 in. Hg)
Crankcase Oil Capacity: 33.8 oz. Use GP Series 100 Oil, (see page 33) Product Group: X

	GPM	PSI	RPM	BORE	STROKE	HP	SHP WGHT
TS1331	3.5 GPM	2100 PSI	1450 RPM	.787 in./20 mm	.394 in./10 mm	5.0 EBHP	32.0 lbs.
TS1011	4.0 GPM	2000 PSI	1450 RPM	.787 in./20 mm	.472 in./12 mm	5.5 EBHP	32.0 lbs.
TS1331	4.0 GPM	2000 PSI	1750 RPM	.787 in./20 mm	.394 in./10 mm	5.5 EBHP	32.0 lbs.
T1011	4.5 GPM	2000 PSI	1125 RPM	.787 in./20 mm	.630 in./16 mm	6.2 EBHP	32.0 lbs.
TS1011*	4.75 GPM	1500 PSI	1750 RPM	.787 in./20 mm	.472 in./12 mm	4.9 EBHP	32.0 lbs.
TS921	4.75 GPM	1800 PSI	1450 RPM	.866 in./22 mm	.472 in./12 mm	5.9 EBHP	32.0 lbs.
T921	5.0 GPM	1700 PSI	1050 RPM	.866 in./22 mm	.630 in./16 mm	5.8 EBHP	32.0 lbs.
T1011	5.6 GPM	1500 PSI	1450 RPM	.787 in./20 mm	.630 in./16 mm	5.8 EBHP	32.0 lbs.

Max. Inlet Pressure: 125 PSI Max. Fluid Temperature: 165° F Inlet Port Thread: 1/2" - 14 BSP-F
Discharge Port Thread: 3/8" - 19 BSP-F Shaft Diameter: .945 in./24 mm
Pump Dimensions: 12.6" x 9.2" x 6.9" Max. Inlet Vacuum: 9 ft. water (7.9 in. Hg)
Crankcase Oil Capacity: 40.6 oz. Use GP Series 100 Oil, (see page 33) Product Group: X

	GPM	PSI	RPM	BORE	STROKE	HP	SHP WGHT
TS1711*	3.5 GPM	2700 PSI	1450 RPM	.787 in./20 mm	.394 in./10 mm	6.5 EBHP	32.0 lbs.
TS1511*	4.0 GPM	3500 PSI	1450 RPM	.787 in./20 mm	.472 in./12 mm	9.6 EBHP	32.0 lbs.
TS1021	4.5 GPM	3000 PSI	1125 RPM	.787 in./20 mm	.630 in./16 mm	9.2 EBHP	32.0 lbs.
TS1321*	4.75 GPM	2100 PSI	1450 RPM	.866 in./22 mm	.472 in./12 mm	6.8 EBHP	32.0 lbs.
T1621	5.0 GPM	2500 PSI	1050 RPM	.866 in./22 mm	.630 in./16 mm	8.6 EBHP	32.0 lbs.
T1321	5.5 GPM	2100 PSI	1150 RPM	.866 in./22 mm	.630 in./16 mm	7.9 EBHP	32.0 lbs.
TS1021	5.6 GPM	1700 PSI	1450 RPM	.787 in./20 mm	.630 in./16 mm	6.5 EBHP	32.0 lbs.
TS1811	4.5 GPM	3500 PSI	1450 RPM	.787 in./20 mm	.551 in./14 mm	10.8 EBHP	32.0 lbs.
TS1811	4.0 GPM	3500 PSI	1290 RPM	.787 in./20 mm	.551 in./14 mm	10.0 EBHP	32.0 lbs.

T Series 47, Triplex Plunger Pump, Solid Shaft – Nickel-plated forged brass manifold with an exclusive lifetime warranty. Heavy-duty tapered roller bearings and oversized connecting rods for maximum life.

Max. Inlet Pressure: 125 PSI Max. Fluid Temperature: 165° F Inlet Port Thread: 1/2" - 14 BSP-F
Discharge Port Thread: 3/8" - 19 BSP-F Shaft Diameter: .945 in./24 mm
Pump Dimensions: 12.6" x 9.2" x 6.9" Max. Inlet Vacuum: 9 ft. water (7.9 in. Hg)
Crankcase Oil Capacity: 40.6 oz. Use GP Series 100 Oil, (see page 33) Product Group: X

	GPM	PSI	RPM	BORE	STROKE	HP	SHP WGHT
T9211	4.0 GPM	3000 PSI	1750 RPM	.787 in./20 mm	.394 in./10 mm	8.2 EBHP	32.0 lbs.
TS2011	4.0 GPM	3500 PSI	1450 RPM	.787 in./20 mm	.472 in./12 mm	9.6 EBHP	32.0 lbs.
TS2021	4.5 GPM	3500 PSI	1125 RPM	.787 in./20 mm	.630 in./16 mm	10.8 EBHP	32.0 lbs.
TS1621*	4.75 GPM	2500 PSI	1450 RPM	.866 in./22 mm	.472 in./12 mm	8.1 EBHP	32.0 lbs.
TS2011*	4.75 GPM	2300 PSI	1750 RPM	.787 in./20 mm	.394 in./12 mm	7.5 EBHP	32.0 lbs.
TS2021*	5.6 GPM	3500 PSI	1450 RPM	.787 in./20 mm	.630 in./16 mm	13.4 EBHP	32.0 lbs.
T9281	4.0 GPM	4000 PSI	1750 RPM	.630 in./16 mm	.630 in./16 mm	11.0 EBHP	33.0 lbs.

New High Flow 47 Series, Triplex Plunger Pump, Solid Shaft - Forged brass manifold with larger valves to accommodate increased flow. Heavy duty tapered roller bearings and oversized connecting rods for maximum life.

Max. Inlet Pressure: 125 PSI Max. Fluid Temperature: 165° F Inlet Port Thread: 3/4" - 14 BSP-F
Discharge Port Thread: 3/8" - 19 BSP-F Shaft Diameter: .945 in./24 mm
Pump Dimensions: 13.1" x 10.2" x 7.1" Max. Inlet Vacuum: 9 ft. water (7.9 in. Hg)
Crankcase Oil Capacity: 40.6 oz. Use GP Series 100 Oil, (see page 33) Product Group: X

	GPM	PSI	RPM	BORE	STROKE	HP	SHP WGHT
TS2219	7.7 GPM	2320 PSI	1450 RPM	.866 in./22 mm	.748 in./19 mm	12.5 EBHP	360 lbs.

*Pumps are available with 1" Gearbox for mounting to J609B gas engines.

66 Series, Triplex Plunger Pump – Forged brass manifold with an exclusive lifetime warranty. Innovative seal design to extend seal life. Plunger design improves thermal shock resistance. New valve cap design improves hydrostatic performance.

Max. Inlet Pressure: 125 PSI Max. Fluid Temperature: 165° F Inlet Port Thread: 3/4" - 14 BSP-F
Discharge Port Thread: 3/8" - 19 BSP-F Shaft Diameter: .945 in./24 mm
Pump Dimensions: 13.27" x 9.6" x 6.23" Max. Inlet Vacuum: 9 ft. water (7.9 in. Hg)
Crankcase Oil Capacity: 31.0 oz. Use GP Series 100 Oil, (see page 33) Product Group: X

	GPM	PSI	RPM	BORE	STROKE	HP	SHP WGHT
TSF2019	6.3 GPM	3600 PSI	1450 RPM	.787 in./20 mm	.748 in./19 mm	15.5 EBHP	40.7 lbs.
TSF2021	7.0 GPM	3600 PSI	1450 RPM	.787 in./20 mm	.826 in./21 mm	17.3 EBHP	40.7 lbs.
TSF2019	7.6 GPM	3600 PSI	1750 RPM	.787 in./20 mm	.748 in./19 mm	18.7 EBHP	40.7 lbs.
TSF2219	7.7 GPM	3000 PSI	1450 RPM	.866 in./22 mm	.748 in./19 mm	15.8 EBHP	40.7 lbs.
TSF2021	8.5 GPM	3600 PSI	1750 RPM	.787 in./20 mm	.826 in./21 mm	21.0 EBHP	40.7 lbs.
TSF2221	8.5 GPM	3000 PSI	1450 RPM	.866 in./22 mm	.826 in./21 mm	17.5 EBHP	40.7 lbs.
TSF2219	9.3 GPM	3000 PSI	1750 RPM	.866 in./22 mm	.748 in./19 mm	19.1 EBHP	40.7 lbs.
TSF2421	10.0 GPM	2500 PSI	1450 RPM	.945 in./24 mm	.826 in./21 mm	17.1 EBHP	40.7 lbs.
TSF2221	10.2 GPM	3000 PSI	1750 RPM	.866 in./22 mm	.826 in./21 mm	21.0 EBHP	40.7 lbs.
TSF2421	12.0 GPM	2500 PSI	1750 RPM	.945 in./24 mm	.826 in./21 mm	20.5 EBHP	40.7 lbs.



TSF2019

66 Series, Triplex Plunger Pump, High Pressure – Forged brass manifold with an exclusive lifetime warranty. Innovative seal design to extend seal life. Plunger design improves thermal shock resistance. New valve cap design improves hydrostatic performance.

Max. Inlet Pressure: 125 PSI Max. Fluid Temperature: 165° F Inlet Port Thread: 1/2" - 14 BSP-F
Discharge Port Thread: 3/8" - 19 BSP-F Shaft Diameter: .945 in./24 mm
Pump Dimensions: 13.84" x 9.8" x 7.7" Min. Inlet Pressure: 30 PSI
Crankcase Oil Capacity: 31.0 oz. Use GP Series 100 Oil, (see page 33) Product Group: X

	GPM	PSI	RPM	BORE	STROKE	HP	SHP WGHT
TSP1619	3.6 GPM	7250 PSI	1450 RPM	.629 in./16 mm	.748 in./19 mm	17.8 EBHP	51.8 lbs.
TSP1619	4.3 GPM	5800 PSI	1750 RPM	.629 in./16 mm	.748 in./19 mm	17.8 EBHP	51.8 lbs.
TSP1621	4.3 GPM	6525 PSI	1450 RPM	.630 in./16 mm	.826 in./21 mm	17.1 EBHP	51.8 lbs.
TSP1819	5.0 GPM	5100 PSI	1450 RPM	.709 in./18 mm	.748 in./19 mm	17.1 EBHP	51.8 lbs.
TSP1821	5.5 GPM	5100 PSI	1450 RPM	.709 in./18 mm	.826 in./21 mm	18.8 EBHP	51.8 lbs.



TSP1619

T Series 69, Triplex Plunger Pump, Solid Shaft – The industry's choice for high-flow applications. Ball bearings and oversized connecting rods for maximum life.

Max. Inlet Pressure: 125 PSI Max. Fluid Temperature: 165° F Inlet Port Thread: 3/4" - 14 BSP-F
Discharge Port Thread: 3/8" - 19 BSP-F Shaft Diameter: 1.378 in./35 mm
Pump Dimensions: 12.9" x 11.9" x 7.3" Max. Inlet Vacuum: 9 ft. water (7.9 in. Hg)
Crankcase Oil Capacity: 50.7 oz. Use GP Series 8090 Oil, (see page 33) Product Group: Y

	GPM	PSI	RPM	BORE	STROKE	HP	SHP WGHT
TS1531	7.92 GPM	2175 PSI	1450 RPM	.787 in./20 mm	.866 in./22 mm	11.8 EBHP	46.0 lbs.
TS1041	8.0 GPM	1600 PSI	1450 RPM	.787 in./20 mm	.866 in./22 mm	8.8 EBHP	46.0 lbs.
T41	12.0 GPM	900 PSI	650 RPM	1.417 in./36 mm	.945 in./24 mm	7.4 EBHP	37.0 lbs.



T41

T Series 76, Triplex Plunger Pump, Solid Shaft – Forged brass manifold with an exclusive lifetime warranty. The industry's choice for high-flow applications, oversized connecting rods for maximum life.

Max. Inlet Pressure: 125 PSI Max. Fluid Temperature: 165° F Inlet Port Thread: 1" NPT-F
Discharge Port Thread: 1/2" NPT-F Shaft Diameter: 1.378 in./35 mm
Pump Dimensions: 15.6" x 14.0" x 9.5" Max. Inlet Vacuum: 7 ft. water (6.2 in. Hg)
Crankcase Oil Capacity: 91.0 oz. Use GP Series 8090 Oil, (see page 33) Product Group: Y

	GPM	PSI	RPM	BORE	STROKE	HP	SHP WGHT
T4251	6.6 GPM	5800 PSI	1000 RPM	.787 in./20 mm	1.102 in./28 mm	26.2 EBHP	160 lbs.
T1551	14.0 GPM	2175 PSI	1000 RPM	1.181 in./30 mm	1.102 in./28 mm	20.9 EBHP	93.0 lbs.



T4251

PRESSURE CLEANING PUMPS



T61

T Series 76, Triplex Plunger Pump, Solid Shaft – Forged brass manifold with an exclusive lifetime warranty. The industry's choice for high-flow applications, oversized connecting rods for maximum life.

Max. Inlet Pressure: 125 PSI Max. Fluid Temperature: 165° F Inlet Port Thread: 1" - 11 BSP-F
Discharge Port Thread: 3/4" - 14 BSP-F Shaft Diameter: 1.378 in./35 mm
Pump Dimensions: 15.6" x 14.0" x 9.5" Max. Inlet Vacuum: 9 ft. water (7.9 in. Hg)
Crankcase Oil Capacity: 91.0 oz. Use GP Series 8090 Oil, (see page 33) Product Group: Y

	GPM	PSI	RPM	BORE	STROKE	HP	SHP WGHT
T61	17.0 GPM	1000 PSI	650 RPM	1.772 in./45 mm	.945 in./24 mm	11.6 EBHP	92.0 lbs.
T81	21.0 GPM	1000 PSI	650 RPM	1.772 in./45 mm	1.102 in./28 mm	14.4 EBHP	92.0 lbs.



T1631

T Series 48, Sixplex Plunger Pump – Forged brass manifold with an exclusive lifetime warranty. Dual manifolds utilizing a common crankcase for efficient performance in high-flow applications.

Max. Inlet Pressure: 125 PSI Max. Fluid Temperature: 165° F Inlet Port Thread: Dual 3/4" - 14 BSP-F
Discharge Port Thread: Dual 3/8" - 19 BSP-F Shaft Diameter: 1.26 in./32 mm
Pump Dimensions: 16.1" x 11.2" x 7.9" Max. Inlet Vacuum: 9 ft. water (7.9 in. Hg)
Crankcase Oil Capacity: 54.0 oz. Use GP Series 100 Oil, (see page 33) Product Group: Y

	GPM	PSI	RPM	BORE	STROKE	HP	SHP WGHT
T2031	9.0 GPM	3000 PSI	1140 RPM	.787 in./20 mm	.630 in./16 mm	18.5 EBHP	61.0 lbs.
T1631	10.0 GPM	2500 PSI	1080 RPM	.866 in./22 mm	.630 in./16 mm	17.1 EBHP	61.0 lbs.
T2031	11.0 GPM	2000 PSI	1450 RPM	.787 in./20 mm	.630 in./16 mm	15.1 EBHP	61.0 lbs.



T121

T Series 77, Sixplex Plunger Pump – Forged brass manifold with an exclusive lifetime warranty. Dual manifolds utilizing a common crankcase for efficient performance in high flow applications.

Max. Inlet Pressure: 125 PSI Max. Fluid Temperature: 165° F Inlet Port Thread: Dual 1" - 11 BSP-F
Discharge Port Thread: Dual 3/4" - 14 BSP-F Shaft Diameter: 1.378 in./35 mm
Pump Dimensions: 22.1" x 14.0" x 9.7" Max. Inlet Vacuum: 9 ft. water (7.9 in. Hg)
Crankcase Oil Capacity: 71.0 oz. Use GP Series 8090 Oil, (see page 33) Product Group: Y

	GPM	PSI	RPM	BORE	STROKE	HP	SHP WGHT
T1591	28.0 GPM	2175 PSI	1000 RPM	1.181 in./30 mm	1.102 in./28 mm	41.7 EBHP	156 lbs.
T121	35.0 GPM	1000 PSI	650 RPM	1.772 in./45 mm	.945 in./24 mm	24.0 EBHP	156 lbs.
T151	43.0 GPM	1000 PSI	650 RPM	1.772 in./45 mm	1.102 in./28 mm	29.5 EBHP	156 lbs.

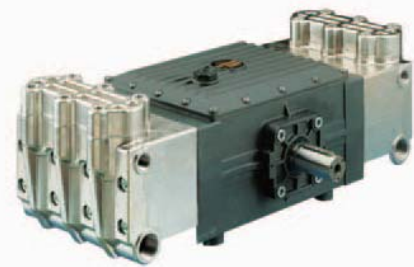


PRESSURE CLEANING PUMPS

T Series 77, Sixplex Plunger Pump – Nickel-plated forged brass manifold with an exclusive lifetime warranty. Dual manifold utilizing a common crankcase for efficient performance. Unique “in-line” valve system for easy access and durability.

Max. Inlet Pressure: 125 PSI Max. Fluid Temperature: 165° F Inlet Port Thread: Dual 1" - 11 BSP-F Discharge Port Thread: Dual 1/2" - 14 BSP-F Shaft Diameter: 1.378 in./35 mm Pump Dimensions: 25.2" x 14.0" x 10.0" Max. Inlet Vacuum: 7 ft. water (6.2 in. Hg) Crankcase Oil Capacity: 71.0 oz. Use GP Series 8090 Oil, (see page 33) Product Group: Y

	GPM	PSI	RPM	BORE	STROKE	HP	SHP WGHT
T3551	13.0 GPM	4350 PSI	1000 RPM	.787 in./20 mm	1.102 in./20 mm	38.7 EBHP	174 lbs.



T3551

AT Series 75 Duplex Plunger Pump, Splined Shaft – Ideal for drain cleaning and jetting applications. Aluminum manifold and solid ceramic plungers with continuously lubricated packings. (All splined shaft pumps require additional components to attach to PTO Systems).

Max. Inlet Pressure: 125 PSI Max. Fluid Temperature: 165° F Inlet Port Thread: 3/4" - 14 BSP-F Discharge Port Thread: 3/8" - 19 BSP-F Shaft Diameter: 1.375 in./34.9 mm ASAE Pump Dimensions: 12" x 9" x 7.3" Use GP Series 100 Oil, (see page 33) Product Group: Y

	GPM	PSI	RPM	BORE	STROKE	OIL CAPACITY	HP	SHP WGHT
AT0033	7.93 GPM	435 PSI	650 RPM	1.417 in./36 mm	.945 in./24 mm	22 oz.	2.4 EBHP	28.0 lbs.



AT0055

Shaft Diameter: 1.375 in./34.9 mm ASAE splined Pump Dimensions: 13" x 14" x 7.5"

	GPM	PSI	RPM	BORE	STROKE	OIL CAPACITY	HP	SHP WGHT
AT0055	13.22 GPM	725 PSI	650 RPM	1.417 in./36 mm	.945 in./24 mm	51 oz.	6.6 EBHP	36.0 lbs.

Aluminum or a forged brass manifold. Heavy-duty tapered roller bearings and oversized connecting rods for maximum life.

Shaft Diameter: 1.375 in./34.9 mm ASAE splined Pump Dimensions: 15.6" x 14" x 9.5"

	GPM	PSI	RPM	BORE	STROKE	OIL CAPACITY	HP	SHP WGHT
AT0088	22.48 GPM	870 PSI	650 RPM	1.771 in./45 mm	1.102 in./28 mm	61 oz.	13.4 EBHP	85.0 lbs.
AT0088B	22.48 GPM	870 PSI	650 RPM	1.771 in./45 mm	1.102 in./28 mm	61 oz.	13.4 EBHP	92.0 lbs.

AT Series 77 Sixplex Plunger Pump, Splined Shaft – Aluminum or a forged brass manifold. Dual manifolds utilizing a common crankcase for efficient performance and bronze connecting rods for maximum life.

Inlet Port Thread: 1" - 11 BSP-F Discharge Port Thread: 3/4" - 14 BSP-F Shaft Diameter: 1.375 in./34.9 mm ASAE splined Pump Dimensions: 21" x 17" x 9.5" Use GP Series 100 Oil, (see page 33)

	GPM	PSI	RPM	BORE	STROKE	OIL CAPACITY	HP	SHP WGHT
AT0111	29.1 GPM	725 PSI	550 RPM	1.771 in./45 mm	.945 in./24 mm	71 oz.	14.5 EBHP	88.0 lbs.
AT0177	45.0 GPM	870 PSI	650 RPM	1.771 in./45 mm	1.102 in./28 mm	71 oz.	26.8 EBHP	88.0 lbs.
AT0177B	45.0 GPM	870 PSI	650 RPM	1.771 in./45 mm	1.102 in./28 mm	71 oz.	26.8 EBHP	156 lbs.



EMPEROR PUMPS WITH HT TECHNOLOGY


Pumps That Rule Any Environment

Automotive

- Municipal vehicle maintenance
- Bug and tar removal
- General exterior cleaning

Self-service wash

- Single or multi-bay applications
- Spot-free rinse application
- Chemical application
- Pre-soak/Tire-motor cleaner
- Foam brush
- Reclaim water
- Weep-systems

Automatic wash

- Roll-over automatic
- Spot-free rinse application
- Pre-soak systems

Weep systems

- Foam application

Tunnel wash

- Prep station
- Brush wetting
- Detergent application
- Spot-free rinse application
- Bay wash-down

Mobile vehicle wash

- Truck mounted wash units
- Spot-free rinse application

Household cleaning

- Carpet cleaning

Household exterior cleaning

- Mildew removal
- Storm cleanup
- Pool decks
- Gutter cleaning

Contract cleaning

- Building exterior cleaning
- Sidewalk cleaning
- Driveway cleaning
- Deck cleaning
- Restaurant kitchen cleaning
- Hood and duct cleaning
- Mobile vehicle wash
- Ice abatement
- Wet sandblasting
- General cleaning

Emperor Pumps

Emperor HTC, 60 Series, Triplex plunger pump. Ideal for use in carpet cleaning and other high pressure cleaning applications. This pump offers a compact, economical design.

Max. Inlet Pressure: 125 PSI Max. Fluid Temperature: 185° F Inlet Port Thread: 1/2" - 14 BSP-F
Discharge Port Thread: 3/8" - 19 BSP-F Shaft Diameter: .626 in./16 mm
Pump Dimensions: 7.8" x 7.3" x 5.5" Max. Inlet Vacuum: 3 ft. water (2.6 in. Hg)
Crankcase Oil Capacity: 11.8 oz. Use GP Series 100 Oil, (see page 33) Product Group: X

	GPM	PSI	RPM	BORE	STROKE	HP	SHP WGHT
HTC1505E345	2.1	2200	3400	.591 in/15 mm	.197 in/5 mm	3.5	16 lbs.
HTC1509E175	2.1	2200	1750	.591 in/15 mm	.370 in/9.4 mm	3.5	16 lbs.



HTC1509E175

Emperor HTS, 47HT Series, Triplex plunger pump features exclusive HT technology. Specifically designed to handle the rigorous duty cycles, high temperatures and chemicals associated with self-service car wash applications. Also ideal for use in carpet cleaning and other high pressure cleaning applications.

Max. Inlet Pressure: 125 PSI Max. Fluid Temperature: 185° F Inlet Port Thread: 1/2" - 14 BSP-F
Discharge Port Thread: 3/8" - 19 BSP-F Shaft Diameter: .945 in./24 mm
Pump Dimensions: 12.2" x 9.2" x 6.9" 12.4" x 10" x 6.9" (with rails) Max. Inlet Vacuum: 9 ft. water (7.9 in. Hg)
Crankcase Oil Capacity: 40.6 oz. Use GP Series 100 Oil, (see page 33) Product Group: X

	GPM	PSI	RPM	BORE	STROKE	HP	SHP WGHT
HTS2210S	2.6/4.0	2300	950/1450	.866 in/22 mm	.394 in/10 mm	4.1/6.3	32 lbs.
HTS2212S	3.2/4.75	2300	950/1450	.866 in/22 mm	.472 in/12 mm	5/7.5	32 lbs.
HTS2215S	4.0/5.0	2300	950/1200	.866 in/22 mm	.591 in/15 mm	4.1/7.8	32 lbs.



HTS2210S

Emperor HTX, 63HT Series, Triplex plunger pump features exclusive HT technology. Specifically designed to handle the rigorous duty cycles, high temperatures and chemicals associated with self-service car wash applications. Also ideal for use in carpet cleaning and other high pressure cleaning applications. This pump offers a compact and economical design.

Max. Inlet Pressure: 125 PSI Max. Fluid Temperature: 185° F Inlet Port Thread: 1/2" - 14 BSP-F
Discharge Port Thread: 3/8" - 19 BSP-F Shaft Diameter: .945 in./24 mm
Pump Dimensions: 8.4" x 8.3" x 4.8" 8.4" x 8.3" x 5.6" (with rails) Max. Inlet Vacuum: 3 ft. water (2.6 in. Hg)
Crankcase Oil Capacity: 14 oz. Use GP Series 100 Oil, (see page 33) Product Group: X

	GPM	PSI	RPM	BORE	STROKE	HP	SHP WGHT
HTX1810S	2.7/3.1	2000	1450/1750	.709 in./18 mm	.394 in./10 mm	3.5/4.2	18 lbs.
HTX1812S	3.2/3.8	2000	1450/1750	.709 in./18 mm	.472 in/12 mm	4.3/5.2	18 lbs.
HTX1813S	3.5	2000	1450	.709 in./18 mm	.512 in/13 mm	6	18 lbs.



HTX1810S

Emperor Pumps

Emperor HTF, 66HT Series, Triplex plunger pump features exclusive HT technology. Designed for use in prep units, conveyor and multiple gun applications. Excellent for carpet cleaning and for use in industrial plant systems where hot water is required.

Max. Inlet Pressure: 125 PSI Max. Fluid Temperature: 185° F Inlet Port Thread: 3/4" - 14 BSP-F Discharge Port Thread: 3/8" - 19 BSP-F Shaft Diameter: .945 in./24 mm

Pump Dimensions: 13.27" x 9.6" x 6.23" 13.4" x 9.8" x 7.5" (with rails) Max. Inlet Vacuum: 9 ft. water (7.9 in. Hg) Crankcase Oil Capacity: 31 oz. Use GP Series 100 Oil, (see page 33) Product Group: X



HTF2018S

	GPM	PSI	RPM	BORE	STROKE	HP	SHP WGHT
HTF2018S	4.0/5.0/7.5	3600	950/1200/1750	.787 in/20 mm	.748 in/18 mm	10/12/18.5	41 lbs.
HTF2221S	8.5/10.2	3000	1450/1750	.866 in/22 mm	.826 in/21 mm	17.5/21	41 lbs.
HTF2421S	10.0/12.0	3000/2500	1450/1750	.945 in/24 mm	.826 in/21 mm	20.5	41 lbs.



HTW3624S

Emperor HTW, 69HT Series, Triplex plunger pump features exclusive HT technology. Designed for touchless carwash systems, multiple gun systems and industrial plant systems where hot water is required.

Max. Inlet Pressure: 125 PSI Max. Fluid Temperature: 185° F Inlet Port Thread: 1" - 11 BSP-F Discharge Port Thread: 3/4" - 14 BSP-F Shaft Diameter: 1.378 in./35 mm

Pump Dimensions: 13" x 11.9" x 7.3" Max. Inlet Vacuum: 9 ft. water (7.9 in. Hg)

Crankcase Oil Capacity: 50.7 oz. Use GP Series 100 Oil, (see page 33) Product Group: X

	GPM	PSI	RPM	BORE	STROKE	HP	SHP WGHT
HTW3624S*	18.0	1200	1000	1.417 in/36 mm	.946 in/24 mm	19.5	57 lbs.



HTCK3623S

Emperor HTCK3623S, 70 Series, Triplex plunger pump features exclusive HT technology. Designed specifically for use in rollover car wash systems and other industrial plant systems where hot water is required.

Max. Inlet Pressure: 125 PSI Max. Fluid Temperature: 185° F Inlet Port Thread: 1" NPT-F Discharge Port Thread: 1/2" NPT-F Shaft Diameter: 1.181 in./30 mm

Pump Dimensions: 15.3" x 13.4" x 7.7" Max. Inlet Vacuum: 3 ft. water (2.6 in. Hg)

Crankcase Oil Capacity: 64.2 oz. Use GP Series 100 Oil, (see page 33) Product Group: X

	GPM	PSI	RPM	BORE	STROKE	HP	SHP WGHT
HTCK3623S*	21.0/25.0	1500/1300	1150/1350	1.4 in/36 mm	.9/23 mm	22.0	79.6 lbs.



HTCK4050S

Emperor HTCK4050S, 71 Series, Triplex plunger pump features exclusive HT technology. Designed as a direct replacement for Cat's 3535 with the distinct advantage of featuring General Pump's patented HT technology. Ideal for use in rollover car washes and other industrial plant systems where hot water is required.

Max. Inlet Pressure: 125 PSI Max. Fluid Temperature: 185° F Inlet Port Thread: 1-1/2" NPT-F Discharge Port Thread: 1" NPT-F Shaft Diameter: 1.575 in./40 mm

Pump Dimensions: 20.7" x 14.5" x 9.9" Max. Inlet Vacuum: 3 ft. water (2.6 in. Hg)

Crankcase Oil Capacity: 124.4 oz. Use GP Series 100 Oil, (see page 33) Product Group: X

	GPM	PSI	RPM	BORE	STROKE	HP	SHP WGHT
HTCK4050S*	36.0	1500	800	1.6 in/40 mm	1.9/50 mm	38.0	157 lbs.

**Also available in "L" left-hand version.*



GENERAL INDUSTRIAL PUMPS

MS Series, Triplex Plunger Pump, A heavy-duty industrial pump with a nickel-treated, spheroidal cast iron manifold

Max. Inlet Pressure: 45 PSI Max. Fluid Temperature: *140° F Inlet Port Thread: 2 1/2" NPT-F
Discharge Port Thread: 1 1/4" NPT-F Shaft Diameter: 2.758 in./70 mm Pump Dimensions: 27.7" x 23.8" x 11.9"
Crankcase Oil Capacity: 333 oz. Use GP Series 220 Oil, (see page 33) Stroke: 2.362 in./60 mm
Product Group: V

	GPM	PSI	RPM	BORE	HP	MIN INLET	SHP WGHT
MS36	35.9 GPM	4350 PSI	750 RPM	1.417 in./36 mm	107.0 EBHP	6.5 PSI	570 lbs.
MS40	44.4 GPM	3500 PSI	750 RPM	1.575 in./40 mm	106.4 EBHP	6.8 PSI	570 lbs.
MS45	56.3 GPM	2750 PSI	750 RPM	1.772 in./45 mm	106.0 EBHP	7.1 PSI	570 lbs.
MS50	69.5 GPM	2250 PSI	750 RPM	1.969 in./50 mm	107.1 EBHP	7.6 PSI	570 lbs.
MS55	84.0 GPM	1800 PSI	750 RPM	2.165 in./55 mm	103.6 EBHP	7.8 PSI	570 lbs.

MS Series, Triplex Plunger Pump with gear reducer option available for 1500 or 1800 RPM. A heavy-duty industrial pump with a nickel-treated, spheroidal cast iron manifold

Max. Inlet Pressure: 45 PSI Max. Fluid Temperature: *140° F Inlet Port Thread: 2 1/2" NPT-F
Discharge Port Thread: 1 1/4" NPT-F Shaft Diameter: 1.969 in./50 mm Pump Dimensions: 27.7" x 23.8" x 11.7"
Crankcase Oil Capacity: 333 oz. Use GP Series 220 Oil, (see page 33) Stroke: 2.362 in./60 mm
Product Group: V

	GPM	PSI	BORE	HP	MIN INLET	SHP WGHT
MS36	35.4 GPM	4350 PSI	1.417 in./36 mm	105.5 EBHP	6.5 PSI	620 lbs.
MS40	43.9 GPM	3500 PSI	1.575 in./40 mm	105.2 EBHP	6.8 PSI	620 lbs.
MS45	55.5 GPM	2750 PSI	1.772 in./45 mm	104.5 EBHP	7.1 PSI	620 lbs.
MS50	68.7 GPM	2250 PSI	1.969 in./50 mm	105.9 EBHP	7.6 PSI	620 lbs.
MS55	83.0 GPM	1800 PSI	2.165 in./55 mm	102.3 EBHP	7.8 PSI	620 lbs.

MK Series, Triplex Plunger Pump with gear reducer options available for 1500 or 1800 RPM. Energized packing design and patent pending power end design all add to the strength and durability of this innovative pump series.

Max. Inlet Pressure: 45 PSI Max. Fluid Temperature: *140° F Inlet Port Thread: 2" NPT-F Flange
Discharge Port Thread: 1" NPT-F Shaft Diameter: 1.969 in./55 mm Pump Dimensions: 33.3" x 28.2" x 13.5"
Crankcase Oil Capacity: 466.5 oz. Use GP Series 100 Oil, (see page 33) Stroke: 2.835 in./72 mm
Product Group: V

	GPM	PSI	BORE	HP	SHP WGHT
MK40	40.0 GPM	5800 PSI	1.575 in./40 mm	161.6 EBHP	931 lbs.
MK45	50.0 GPM	4350 PSI	1.772 in./45 mm	149.6 EBHP	931 lbs.
MK50	62.0 GPM	3625 PSI	1.969 in./50 mm	154.2 EBHP	931 lbs.

Inlet Port Thread: 3" NPT-F Flange Discharge Port Thread: 1 1/4" NPT-F

MK55	75.0 GPM	2900 PSI	2.165 in./55 mm	153.0 EBHP	931 lbs.
MK60	90.0 GPM	2465 PSI	2.362 in./60 mm	154.8 EBHP	931 lbs.
MK65	107.0 GPM	2175 PSI	2.559 in./65 mm	160.3 EBHP	931 lbs.

LH Series, Triplex Plunger Pump with Internal Gear Reduction.

Max. Inlet Pressure: 45 PSI Max. Fluid Temperature: *140° F Inlet Port Thread: 80 mm BSP-F Flange
Discharge Port Thread: 36 mm BSP-F Flange Shaft Diameter: 1.969 in./50 mm Pump Dimensions:
36.3" x 25.8" x 13.5" Crankcase Oil Capacity: 467 oz. Use GP Series 220 Oil, (see page 33)
Stroke: 3.546 in./90 mm Product Group: V

	GPM	PSI	RPM	BORE	HP	MIN INLET	SHP WGHT
LH4015	45.4 GPM	4350 PSI	1500 RPM	1.575 in./40 mm	135.3 EBHP	5.1 PSI	800 lbs.
LH4017	49.7 GPM	4350 PSI	1750 RPM	1.575 in./40 mm	148.1 EBHP	5.1 PSI	800 lbs.
LH4515	57.6 GPM	3500 PSI	1500 RPM	1.772 in./45 mm	138.1 EBHP	5.4 PSI	800 lbs.
LH4517	62.9 GPM	3500 PSI	1750 RPM	1.772 in./45 mm	150.8 EBHP	5.4 PSI	800 lbs.
LH5015	71.1 GPM	2900 PSI	1500 RPM	1.969 in./50 mm	141.2 EBHP	5.5 PSI	800 lbs.
LH5017	77.4 GPM	2900 PSI	1750 RPM	1.969 in./50 mm	153.7 EBHP	5.5 PSI	800 lbs.
LH5515	86.1 GPM	2300 PSI	1500 RPM	2.165 in./55 mm	135.6 EBHP	5.8 PSI	800 lbs.
LH5517	93.8 GPM	2300 PSI	1750 RPM	2.165 in./55 mm	147.8 EBHP	5.8 PSI	800 lbs.
LH6015	102.0 GPM	2050 PSI	1500 RPM	2.362 in./60 mm	143.2 EBHP	6.1 PSI	800 lbs.
LH6017	112.0 GPM	2050 PSI	1750 RPM	2.362 in./60 mm	157.3 EBHP	6.1 PSI	800 lbs.

**Please consult technical guide or GP Sales Representative for temperature/Inlet Pressure information.*

Please refer to pages 48-51 for fittings, safety devices and other accessories. Performances refer to theoretical delivery with 100% volumetric efficiency. Under normal operating conditions, pump volumetric efficiency is over 95%. Please contact our technical staff in case of continuous, heavy-duty, or special applications.



Gearbox may be positioned as shown or at 45°, 90°, 135° or 180° from position shown.

NEW!



MK45

Gearbox may be positioned as shown or at 45°, 90°, 135° or 180° from position shown.

NEW!



Gearbox may be positioned as shown or at 45°, 90°, 135° or 180° from position shown.



Gearbox may be positioned as shown or at 45°, 90°, 135° or 180° from position shown.

NEW!



KE Series, Triplex Plunger Pump, Part of the new generation of pumps, the KE features a leak-free lubrication design, high performance connecting rods and a patent-pending crankcase.
Max Inlet Pressure: 45 PSI Max. Fluid Temperature: *140° F Inlet Port Thread: 1" NPT-F
Discharge Port Thread: 1/2" NPT-F Shaft Diameter: 1.19/30 mm Pump Dimensions: 15.3" x 13.4" x 7.7"
Crankcase Oil Capacity: 64.2 oz Use GP Series 100 Oil, (see page 33) Stroke: .9 in./23 mm
Product Group: V

	GPM	PSI	RPM	BORE	HP	MIN INLET	SHW WT
KE20A	8.3 GPM	4350 PSI	1450 RPM	.787 in./20 mm	24.5	5 PSI	88 lbs.
KE22A	10.0 GPM	3625 PSI	1450 RPM	.866 in./22 mm	24.7	5 PSI	88 lbs.
KE24A	11.9 GPM	3045 PSI	1450 RPM	.944 in./24 mm	24.7	5 PSI	88 lbs.
KE28A	16.3 GPM	2175 PSI	1450 RPM	1.102 in./28 mm	24.0	5 PSI	88 lbs.
KE30A	18.5 GPM	1885 PSI	1450 RPM	1.181 in./30 mm	23.9	5 PSI	88 lbs.

NEW!



HF Series, Triplex Plunger Pump, Part of the new generation of pumps, the HF features High Efficiency Suction and Delivery valves, Low-High Pressure Packing with Integrated Cooling system and Patent Pending Power End design all add to the strength and durability of this innovative pump series.
Max Inlet Pressure: 45 PSI Max. Fluid Temperature: *140° F Inlet Port Thread: 1" NPT
Discharge Port Thread: 3/4" NPT Shaft Diameter: 1.574 in./40 mm Pump Dimensions: 20" x 14.5" x 9.4"
Crankcase Oil Capacity: 124.4 oz Use GP Series 100 Oil, (see page 33) Stroke: 1.9 in./50 mm
Product Group: V

	GPM	PSI	RPM	BORE	HP	MIN INLET	SHW WT
HF18A	8.06 GPM	8700 PSI	800 RPM	.708 in./18 mm	48.0	5 PSI	132 lbs.
HF18A	10.08 GPM	7250 PSI	1000 RPM	.708 in./18 mm	50.0	5 PSI	132 lbs.
HF22A	12.05 GPM	5800 PSI	800 RPM	.866 in./22 mm	48.0	5 PSI	132 lbs.
HF25A	19.44 GPM	4060 PSI	1000 RPM	.984 in./25 mm	53.0	5 PSI	132 lbs.

NEW!



KF Series, Triplex Plunger Pump, Part of the new generation of pumps, the KF features High Efficiency Suction and Delivery valves, Low-High Pressure Packing with Integrated Cooling system and Patent Pending Power End design all add to the strength and durability of this innovative pump series.
Max Inlet Pressure: 45 PSI Max. Fluid Temperature: *140° F Inlet Port Thread: 1-1/2" NPT
Discharge Port Thread: 1" NPT Shaft Diameter: 1.6 in./40 mm Pump Dimensions: 20.7" x 14.4" x 9.9"
Crankcase Oil Capacity: 124.4 oz Use GP Series 100 Oil, (see page 33) Stroke: 1.9 in./50 mm
Product Group: V

	GPM	PSI	RPM	BORE	HP	MIN INLET	SHW WT
KF28A	24.5 GPM	3045 PSI	1000 RPM	1.102 in./28 mm	50.0	5 PSI	132 lbs.
KF30A	28 GPM	2890 PSI	1000 RPM	1.181 in./30 mm	55.0	5 PSI	132 lbs.
KF36A	32.2 GPM	2300 PSI	800 RPM	1.417 in./36 mm	50.0	5 PSI	132 lbs.
KF36A	36.2 GPM	2050 PSI	900 RPM	1.417 in./36 mm	50.0	5 PSI	132 lbs.
KF36A	40 GPM	1900 PSI	1000 RPM	1.417 in./36 mm	52.0	5 PSI	132 lbs.
KF40A	45 GPM	1600 PSI	900 RPM	1.571 in./40 mm	49.0	5 PSI	132 lbs.

NEW!



KS Series, Triplex Plunger Pump, High Efficiency Suction and Delivery valves, Low-High Pressure Packing with Integrated Cooling system and Patent Pending Power End design all add to the strength and durability of this innovative pump series. Gear Reducer options available for 1500 or 1800 RPM.
Max. Inlet Pressure: 80 PSI Max. Fluid Temperature: *140° F Inlet Port Thread: 2" NPT-F
Discharge Port Thread: 1 1/2" NPT-F Shaft Diameter: 1.574 in./40 mm Pump Dimensions: 23" x 19" x 11"
Crankcase Oil Capacity: 162.3 oz Use GP Series 100 Oil, (see page 33) Stroke: 1.9 in./50 mm
Product Group: V

	GPM	PSI	BORE	HP	MIN INLET	SHW WT
KS28A	24.0 GPM	3625 PSI	1.10 in./28 mm	73.0 EBHP	3.0 PSI	212 lbs.
KS32A	38.0 GPM	3000 PSI	1.26 in./32 mm	76.3 EBHP	3.7 PSI	212 lbs.
KS36A	48.0 GPM	2320 PSI	1.42 in./36 mm	77.2 EBHP	4.4 PSI	212 lbs.
KS40A	60.0 GPM	2000 PSI	1.57 in./40 mm	77.4 EBHP	5.9 PSI	212 lbs.

Solid shaft only for belt-driven applications.

**Please consult technical guide or GP Sales Representative for temperature/Inlet Pressure information.*

Please refer to pages 48-51 for fittings, safety devices and other accessories. Performances refer to theoretical delivery with 100% volumetric efficiency. Under normal operating conditions, pump volumetric efficiency is over 95%. Please contact our technical staff in case of continuous, heavy-duty, or special applications.

KS40A



AGGRESSIVE ENVIRONMENT PUMPS

TX Series 63, Triplex Plunger Pump, Forged 316 Stainless Steel Manifold with 24 mm Solid Shaft – Stainless steel inlet and outlet valves, ball bearings on both sides, ceramic plungers, low-and high-pressure HT Seals.

Max. Inlet Pressure: 125 PSI Max. Fluid Temperature: *165° F Inlet Port Thread: 1/2" - 14 BSP-F Discharge Port Thread: 3/8" - 19 BSP-F Shaft Diameter: .945 in./24 mm Pump Dimensions: 8.4" x 8.3" x 4.8" Max. Inlet Vacuum: 3 ft. water (2.6 in. Hg) Crankcase Oil Capacity: 14.0 oz. Use GP Series 100 Oil, (see page 33) Product Group: Y

	GPM	PSI	RPM	BORE	STROKE	HP	SHP WGHT
TX1510S17SS	2.1 GPM	2200 PSI	1750 RPM	.591 in./15 mm	.394 in./10 mm	4.3 EBHP	22.3 lbs.
TX1512S17SS	2.6 GPM	2200 PSI	1750 RPM	.591 in./15 mm	.472 in./12 mm	5.3 EBHP	22.3 lbs.
TX1810S17SS	3.1 GPM	2000 PSI	1750 RPM	.709 in./18 mm	.394 in./10 mm	4.2 EBHP	22.3 lbs.
TX1812S17SS	3.8 GPM	2000 PSI	1750 RPM	.709 in./18 mm	.472 in./12 mm	5.2 EBHP	22.3 lbs.



TX1510S17SS

T Series 47, Triplex Plunger Pump, 316 Stainless Steel, Solid Shaft – Heavy-duty tapered roller bearings and over sized connecting rods for maximum life. Also includes HT Seals.

Max. Inlet Pressure: 125 PSI Max. Fluid Temperature: *165° F Inlet Port Thread: 1/2" - 14 BSP-F Discharge Port Thread: 3/8" - 19 BSP-F Shaft Diameter: .945 in./24 mm Pump Dimensions: 12.25" x 9.2" x 6.9" Max. Inlet Vacuum: 9 ft. water (7.9 in. Hg) Crankcase Oil Capacity: 40.6 oz. Use GP Series 100 Oil, (see page 33) Product Group: X

	GPM	PSI	RPM	BORE	STROKE	HP	SHP WGHT
TS2012SS	4.0 GPM	2200 PSI	1450 RPM	.787 in./20 mm	.472 in./12 mm	6.0 EBHP	31.0 lbs.
TS2012SS	4.75 GPM	2200 PSI	1750 RPM	.787 in./20 mm	.472 in./12 mm	7.2 EBHP	31.0 lbs.
TS2212SS	4.75 GPM	2200 PSI	1450 RPM	.866 in./22 mm	.472 in./12 mm	7.2 EBHP	31.0 lbs.
TS2016SS	5.55 GPM	2200 PSI	1450 RPM	.787 in./20 mm	.630 in./16 mm	8.4 EBHP	31.0 lbs.
TS2212SS	5.55 GPM	2200 PSI	1750 RPM	.866 in./22 mm	.472 in./12 mm	8.4 EBHP	31.0 lbs.



TS2012SS

66 Series Triplex Plunger Pumps, 316 Stainless Steel, Solid Shaft – Innovative seal design to extend seal life. Plunger design improves thermal shock resistance. New valve cap design improves hydrostatic performance. Also includes HT Seals.

Max. Inlet Pressure: 125 PSI Max. Fluid Temperature: *165° F Inlet Port Thread: 3/4" - 14 BSP-F Discharge Port Thread: 3/8" - 19 BSP-F Shaft Diameter: .945 in./24 mm Pump Dimensions: 13.27" x 9.6" x 6.23" Max. Inlet Vacuum: 9 ft. water (7.9 in. Hg) Crankcase Oil Capacity: 31.0 oz. Use GP Series 100 Oil, (see page 33) Product Group: Y

	GPM	PSI	RPM	BORE	STROKE	HP	SHP WGHT
TSF2021SS	8.5 GPM	2200 PSI	1750 RPM	.787 in./20 mm	.826 in./21 mm	21.0 EBHP	42.0 lbs.
TSF2221SS	10.2 GPM	2200 PSI	1750 RPM	.866 in./22 mm	.826 in./21 mm	21.0 EBHP	42.0 lbs.
TSF2421SS	12.0 GPM	2200 PSI	1750 RPM	.945 in./24 mm	.826 in./21 mm	20.5 EBHP	42.0 lbs.



TSF2021SS

KEZ Series, Triplex Plunger Pump, 316 SS manifold and valves, Energized packing design and Patent Pending Power End design all add to the strength and durability of this innovative pump series.

Max. Inlet Pressure: 45 PSI Max. Fluid Temperature: *140° F Inlet Port Thread: 1" - NPT-F Discharge Port Thread: 1/2" - NPT-F Shaft Diameter: 1.81 in./30 mm Pump Dimensions: 15.3" x 13.4" x 7.7" Crankcase Oil Capacity: 64.2 oz. Use GP Series 100 Oil, (see page 33) Stroke: 0.9 in./23 mm Product Group: V

	GPM	PSI	RPM	BORE	HP	MIN INLET	SHP WGHT
KEZ36A	9.3 GPM	1450 PSI	500 RPM	1.417 in./36 mm	9.0 EBHP	5 PSI	88 lbs.
KEZ36A	13.0 GPM	1450 PSI	700 RPM	1.417 in./36 mm	13.0 EBHP	5 PSI	88 lbs.
KEZ36A	16.8 GPM	1450 PSI	900 RPM	1.417 in./36 mm	17.0 EBHP	5 PSI	88 lbs.
KEZ36A	21.2 GPM	1450 PSI	1140 RPM	1.417 in./36 mm	21.0 EBHP	5 PSI	88 lbs.
KEZ36A	25.1 GPM	1450 PSI	1350 RPM	1.417 in./36 mm	25.0 EBHP	5 PSI	88 lbs.

NEW!



KEZ

*Please consult technical guide or GP Sales Representative for temperature/Inlet Pressure information.

AGGRESSIVE ENVIRONMENT PUMPS



NEW!



KFZ

KFZ Series, Triplex Plunger Pump, 316 SS manifold and valves, Energized packing design and Patent Pending Power End design all add to the strength and durability of this innovative pump series.
Max. Inlet Pressure: 45 PSI Max. Fluid Temperature: *140° F Inlet Port Thread: 1" NPT-F
Discharge Port Thread: 1" NPT-F Shaft Diameter: 1.574 in./40 mm Pump Dimensions: 20.7" x 14.4" x 9.9"
Crankcase Oil Capacity: 124.4 oz. Use GP Series 100 Oil, (see page 33) Stroke: 1.9 in./50 mm
Product Group: V

	GPM	PSI	RPM	BORE	HP	MIN INLET	SHP WGHT
KFZ40A	24.9 GPM	1450 PSI	500 RPM	1.574 in./40 mm	25.0 EBHP	5 PSI	150 lbs.
KFZ40A	29.9 GPM	1450 PSI	600 RPM	1.574 in./40 mm	30.0 EBHP	5 PSI	150 lbs.
KFZ40A	34.9 GPM	1450 PSI	700 RPM	1.574 in./40 mm	35.0 EBHP	5 PSI	150 lbs.
KFZ40A	39.6 GPM	1450 PSI	800 RPM	1.574 in./40 mm	40.0 EBHP	5 PSI	150 lbs.
KFZ40A	44.9 GPM	1450 PSI	900 RPM	1.574 in./40 mm	46.0 EBHP	5 PSI	150 lbs.

MSN Series, Triplex Plunger Pump with Gearbox with 316 SS or Duplex SS (ASTM A890) Manifold; 316 SS Wetted Parts; 431 SS Valve Plate and Seat. Gear reducer options available for 1500 or 1800 RPM.
Max. Inlet Pressure: 45 PSI Max. Fluid Temperature: *140° F Inlet Port Thread: 2 1/2" BSP-F
Discharge Port Thread: 1 1/4" BSP-F Shaft Diameter: 1.969 in./50 mm Pump Dimensions: 27.7" x 23.8" x 11.7"
Crankcase Oil Capacity: 333 oz. Use GP Series 220 Oil, (see page 33) Stroke: 2.362 in./60 mm
Product Group: V

	GPM	PSI	BORE	HP	MIN INLET	SHP WGHT
MSN36	35.4 GPM	4350 PSI	1.417 in./36 mm	105.5 EBHP	6.5 PSI	650 lbs.
MSN40	43.9 GPM	3500 PSI	1.575 in./40 mm	105.2 EBHP	6.8 PSI	650 lbs.
MSN45	55.5 GPM	2750 PSI	1.772 in./45 mm	104.5 EBHP	7.1 PSI	650 lbs.
MSN50	68.7 GPM	2250 PSI	1.969 in./50 mm	105.9 EBHP	7.6 PSI	650 lbs.
MSN55	83.0 GPM	1800 PSI	2.165 in./55 mm	102.3 EBHP	7.8 PSI	650 lbs.



MSZ36

MSZ Series, Triplex Plunger Pump with Gearbox, 316 SS or Duplex SS (ASTM A890) Manifold; 316 SS Wetted Parts including Valve Plate and Seat. Gear reducer options available in 1500 or 1800 RPM.

	GPM	PSI	BORE	HP	MIN INLET	SHP WGHT
MSZ36	29.8 GPM	1160 PSI	1.417 in./36 mm	23.7 EBHP	6.5 PSI	650 lbs.
MSZ40	36.7 GPM	1160 PSI	1.575 in./40 mm	29.2 EBHP	6.8 PSI	650 lbs.
MSZ45	46.7 GPM	1160 PSI	1.772 in./45 mm	37.1 EBHP	7.1 PSI	650 lbs.
MSZ50	57.8 GPM	1160 PSI	1.969 in./50 mm	45.9 EBHP	7.6 PSI	650 lbs.
MSZ55	69.7 GPM	1160 PSI	2.165 in./55 mm	55.4 EBHP	7.8 PSI	650 lbs.

LHN Series, Triplex Plunger Pump with Internal Gear Reduction; 316 SS or Duplex SS (ASTM A890) Manifold; 316 SS Wetted Parts; 431 SS Valve Plate and Seat.
Max. Inlet Pressure: 45 PSI Max. Fluid Temperature: *140° F Inlet Port Thread: 80 mm BSP-F Flange
Discharge Port Thread: 36 mm BSP-F Flange Shaft Diameter: 1.969 in./50 mm
Pump Dimensions: 36.3" x 25.8" x 13.5" Crankcase Oil Capacity: 467 oz. Use GP Series 220 Oil, (see page 33)
Stroke: 3.546 in./90 mm Product Group: V

	GPM	PSI	RPM	BORE	HP	MIN INLET	SHP WGHT
LHN4015	45.4 GPM	4350 PSI	1500 RPM	1.575 in./40 mm	135.5 EBHP	90 PSI	850 lbs.
LHN4017	49.7 GPM	4350 PSI	1750 RPM	1.575 in./40 mm	148.4 EBHP	90 PSI	850 lbs.
LHN4515	57.6 GPM	3500 PSI	1500 RPM	1.772 in./45 mm	138.4 EBHP	90 PSI	850 lbs.
LHN4517	52.9 GPM	3500 PSI	1750 RPM	1.772 in./45 mm	151.1 EBHP	90 PSI	850 lbs.
LHN5015	71.1 GPM	2900 PSI	1500 RPM	1.969 in./50 mm	141.5 EBHP	90 PSI	850 lbs.
LHN5017	77.4 GPM	2900 PSI	1750 RPM	1.969 in./50 mm	154.1 EBHP	90 PSI	850 lbs.
LHN5515	86.1 GPM	2300 PSI	1500 RPM	2.165 in./55 mm	135.9 EBHP	90 PSI	850 lbs.
LHN5517	93.8 GPM	2300 PSI	1750 RPM	2.165 in./55 mm	148.1 EBHP	90 PSI	850 lbs.
LHN6015	102.0 GPM	2050 PSI	1500 RPM	2.362 in./60 mm	143.5 EBHP	90 PSI	850 lbs.
LHN6017	112.0 GPM	2050 PSI	1750 RPM	2.362 in./60 mm	157.6 EBHP	90 PSI	850 lbs.

LHZ Series, Triplex Plunger Pump with Internal Gear Reduction; 316 SS or Duplex SS (ASTM A890) Manifold; 316 SS Wetted Parts including Valve Plate and Seat.

	GPM	PSI	RPM	BORE	HP	MIN INLET	SHP WGHT
LHZ4015	39.6 GPM	1160 PSI	1500 RPM	1.575 in./40 mm	31.5 EBHP	5.1 PSI	850 lbs.
LHZ4017	46.2 GPM	1160 PSI	1750 RPM	1.575 in./40 mm	36.7 EBHP	5.1 PSI	850 lbs.
LHZ4515	49.9 GPM	1160 PSI	1500 RPM	1.772 in./45 mm	39.6 EBHP	5.4 PSI	850 lbs.
LHZ4517	58.1 GPM	1160 PSI	1750 RPM	1.772 in./45 mm	46.2 EBHP	5.4 PSI	850 lbs.
LHZ5015	61.5 GPM	1160 PSI	1500 RPM	1.969 in./50 mm	48.9 EBHP	5.5 PSI	850 lbs.
LHZ5017	71.3 GPM	1160 PSI	1750 RPM	1.969 in./50 mm	56.6 EBHP	5.5 PSI	850 lbs.
LHZ5515	74.5 GPM	1160 PSI	1500 RPM	2.165 in./55 mm	59.2 EBHP	5.8 PSI	850 lbs.
LHZ5517	86.9 GPM	1160 PSI	1750 RPM	2.165 in./55 mm	69.0 EBHP	5.8 PSI	850 lbs.
LHZ6015	89.0 GPM	1160 PSI	1500 RPM	2.362 in./60 mm	70.7 EBHP	6.1 PSI	850 lbs.
LHZ6017	104.3 GPM	1160 PSI	1750 RPM	2.362 in./60 mm	82.9 EBHP	6.1 PSI	850 lbs.



LHZ4015

**Please consult technical guide or GP Sales Representative for temperature/Inlet Pressure information.*

Please refer to pages 48-51 for fittings, safety devices and other accessories. Performances refer to theoretical delivery with 100% volumetric efficiency. Under normal operating conditions, pump volumetric efficiency is over 95%. Please contact our technical staff in case of continuous, heavy-duty, or special applications.

Gearbox may be positioned as shown or at 45°, 90°, 135° or 180° from position shown.



EXTREME HIGH-PRESSURE PUMPS

VF Series, Triplex Plunger Pump, Horizontally Fitted In-Line valves, Pressure Packing design with Integrated Cooling system and Patent Pending Power End design all add to the strength and durability of this innovative pump series.

Max. Inlet Pressure: 100 PSI Max. Fluid Temperature: *86° F Inlet Port Thread: 3/4" BSP-F Discharge Port Thread: 1/2" BSP-F Flange Shaft Diameter: 1.574 in./40 mm Pump Dimensions: 24" x 15" x 9.3" Crankcase Oil Capacity: 128.5 oz. Use GP Series 100 Oil, (see page 33) Stroke: 1.9 in./50 mm Product Group: V

	GPM	PSI	RPM	BORE	HP	MIN INLET	SHP WGHT
VF12	3.4 GPM	21750 PSI	750 RPM	.472 in./12 mm	50.3 EBHP	45 PSI	150 lbs.
VF12	4.4 GPM	17400 PSI	1000 RPM	.472 in./12 mm	53.6 EBHP	45 PSI	150 lbs.
VF14	4.6 GPM	15950 PSI	750 RPM	.551 in./14 mm	50.2 EBHP	45 PSI	150 lbs.
VF14	6.1 GPM	11600 PSI	1000 RPM	.551 in./14 mm	48.7 EBHP	45 PSI	150 lbs.

VS Series, High Flow, High Pressure Triplex Plunger Pump (must be pressure fed). Horizontally fitted in-line valves, pressure packing design with integrated cooling system and patent pending power end design all add to the strength and durability of this innovative pump series.

Max. Inlet Pressure: 75 PSI Max. Fluid Temperature: 85° F Inlet Port Thread: 1 1/2" G Discharge Port Thread: 1/2" G Flange Shaft Diameter: 1.378 in./35 mm Crankcase Oil Capacity: 10.5 quarts Stroke: 2.36 in./60 mm Use GP Series 220 Oil, (see page 33) Pump Dimensions: 33.6" x 14.7" x 12.45" Product Group: V

	GPM	PSI	RPM	BORE	HP	MIN INLET	SHP WGHT
VS1622	6.9 GPM	21750 PSI	2200 RPM	.630 in./16 mm	102.8 EBHP	45 PSI	618 lbs.
VS1822	8.7 GPM	17400 PSI	2200 RPM	.709 in./18 mm	103.7 EBHP	45 PSI	618 lbs.
VS2022	10.8 GPM	13050 PSI	2200 RPM	.787 in./20 mm	96.5 EBHP	45 PSI	618 lbs.
VS2222	12.9 GPM	10800 PSI	2200 RPM	.868 in./22 mm	95.4 EBHP	45 PSI	618 lbs.
VS2422	15.6 GPM	8700 PSI	2200 RPM	.945 in./24 mm	93.0 EBHP	45 PSI	618 lbs.
VS1618	7.1 GPM	21750 PSI	1800 RPM	.630 in./16 mm	105.8 EBHP	45 PSI	618 lbs.
VS1818	9.0 GPM	17400 PSI	1800 RPM	.709 in./18 mm	107.3 EBHP	45 PSI	618 lbs.
VS2018	11.1 GPM	13050 PSI	1800 RPM	.787 in./20 mm	99.2 EBHP	45 PSI	618 lbs.
VS2218	13.5 GPM	10800 PSI	1800 RPM	.868 in./22 mm	99.9 EBHP	45 PSI	618 lbs.
VS2418	16.1 GPM	8700 PSI	1800 RPM	.945 in./24 mm	95.9 EBHP	45 PSI	618 lbs.
VS1615	7.1 GPM	21750 PSI	1500 RPM	.945 in./16 mm	105.8 EBHP	45 PSI	618 lbs.
VS1815	9.0 GPM	17400 PSI	1500 RPM	.709 in./18 mm	107.3 EBHP	45 PSI	618 lbs.
VS2015	11.1 GPM	13050 PSI	1500 RPM	.787 in./20 mm	99.2 EBHP	45 PSI	618 lbs.
VS2215	13.2 GPM	10800 PSI	1500 RPM	.868 in./22 mm	99.6 EBHP	45 PSI	618 lbs.
VS2415	15.8 GPM	8700 PSI	1500 RPM	.945 in./24 mm	94.2 EBHP	45 PSI	618 lbs.

SH Series, Triplex Pump with Gearbox (must be pressure fed). Horizontally fitted in-line valves, pressure packing design with integrated cooling system and patent pending power end design all add to the strength and durability of this innovative pump series.

Max. Inlet Pressure: 100 PSI Max. Fluid Temperature: 86° F Inlet Port Thread: 1 1/2" BSP-F Discharge Port Thread: 3/4" BSP-F Flange Shaft Diameter: 1.969 in./50 mm Pump Dimensions: 42.4" x 25.8" x 13.7" Crankcase Oil Capacity: 467 oz. Use GP Series 220 Oil, (see page 33) Stroke: 3.543 in./90 mm Product Group: V

	GPM	PSI	RPM	BORE	HP	DYNAMIC MIN INLET	SHP WGHT
SH2001	11.3 GPM	20300 PSI	1500 RPM	.787 in./20 mm	157.1 EBHP	90 PSI	840 lbs.
SH2017	11.6 GPM	17400 PSI	1750 RPM	.787 in./20 mm	138.2 EBHP	90 PSI	840 lbs.
SH2201	13.7 GPM	15950 PSI	1500 RPM	.866 in./22 mm	159.7 EBHP	90 PSI	840 lbs.
SH2217	14.0 GPM	15950 PSI	1750 RPM	.866 in./22 mm	152.9 EBHP	90 PSI	840 lbs.
SH2401	16.3 GPM	13800 PSI	1500 RPM	.945 in./24 mm	154.1 EBHP	90 PSI	840 lbs.
SH2417	16.6 GPM	13800 PSI	1750 RPM	.945 in./24 mm	156.9 EBHP	90 PSI	840 lbs.
SH2601	19.2 GPM	11600 PSI	1500 RPM	1.024 in./26 mm	152.5 EBHP	90 PSI	840 lbs.
SH2617	19.5 GPM	11600 PSI	1750 RPM	1.024 in./26 mm	154.9 EBHP	90 PSI	840 lbs.
SH2801	22.3 GPM	10150 PSI	1500 RPM	1.102 in./28 mm	155.0 EBHP	90 PSI	840 lbs.
SH2817	22.7 GPM	10150 PSI	1750 RPM	1.102 in./28 mm	157.8 EBHP	90 PSI	840 lbs.
SH3001	25.6 GPM	8700 PSI	1500 RPM	1.181 in./30 mm	152.5 EBHP	90 PSI	840 lbs.
SH3017	25.9 GPM	8700 PSI	1750 RPM	1.181 in./30 mm	154.3 EBHP	90 PSI	840 lbs.

Please refer to pages 48-51 for fittings, safety devices and other accessories. Performances refer to theoretical delivery with 100% volumetric efficiency. Under normal operating conditions, pump volumetric efficiency is over 95%. Please contact our technical staff in case of continuous, heavy-duty, or special applications.

NEW!



VF



VS1622

Gearbox may be positioned as shown or at 45°, 90°, 135° or 180° from position shown.



SH2601

JETTING/INTERMITTENT PUMPS



HF18A

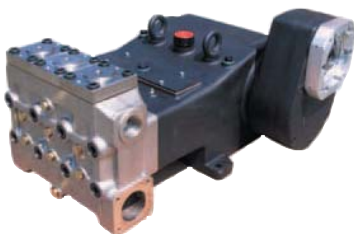


KF28A

NEW!



KS40A



MSS36HD

As shown with hydraulic drive

HF Series, Triplex Plunger Pump, Part of the new generation of pumps, the HF features High Efficiency Suction and Delivery valves, Low-High Pressure Packing with Integrated Cooling system and Patent Pending Power End design all add to the strength and durability of this innovative pump series.

Max Inlet Pressure: 45 PSI Max. Fluid Temperature: *140° F Inlet Port Thread: 1" NPT
Discharge Port Thread: 3/4" NPT Shaft Diameter: 1.574 in./40 mm Pump Dimensions: 20" x 14.5" x 9.4"
Crankcase Oil Capacity: 124.4 oz. Use GP Series 100 Oil, (see page 33) Stroke: 1.9 in./50 mm
Product Group: V

	GPM	PSI	RPM	BORE	HP	MIN INLET	SHP WGHT
HF18A	8.06 GPM	8700 PSI	800 RPM	.708 in./18 mm	48	5 PSI	132 lbs.
HF18A	10.08 GPM	7250 PSI	1000 RPM	.708 in./18 mm	50	5 PSI	132 lbs.
HF22A	12.05 GPM	5800 PSI	800 RPM	.866 in./22 mm	48	5 PSI	132 lbs.
HF25A	19.44 GPM	4060 PSI	1000 RPM	.984 in./25 mm	53	5 PSI	132 lbs.

KF Series, Triplex Plunger Pump, Part of the new generation of pumps, the KF features High Efficiency Suction and Delivery valves, Low-High Pressure Packing with Integrated Cooling system and Patent Pending Power End design all add to the strength and durability of this innovative pump series.

Max Inlet Pressure: 45 PSI Max. Fluid Temperature: *140° F Inlet Port Thread: 1-1/2" NPT
Discharge Port Thread: 1" NPT Shaft Diameter: 1.6 in./40 mm Pump Dimensions: 20.7" x 14.4" x 9.9"
Crankcase Oil Capacity: 124.4 oz. Use GP Series 100 Oil, (see page 33) Stroke: 1.9 in./50 mm
Product Group: V

	GPM	PSI	RPM	BORE	HP	MIN INLET	SHP WGHT
KF28A	24.5 GPM	3045 PSI	1000 RPM	1.102 in./28 mm	50	5 PSI	132 lbs.
KF30A	28 GPM	2890 PSI	1000 RPM	1.181 in./30 mm	55	5 PSI	132 lbs.
KF36A	32.2 GPM	2300 PSI	800 RPM	1.417 in./36 mm	50	5 PSI	132 lbs.
KF36A	36.2 GPM	2050 PSI	900 RPM	1.417 in./36 mm	50	5 PSI	132 lbs.
KF36A	40 GPM	1900 PSI	1000 RPM	1.417 in./36 mm	52	5 PSI	132 lbs.
KF40A	45 GPM	1600 PSI	900 RPM	1.571 in./40 mm	49	5 PSI	132 lbs.

KS Series, Triplex Plunger Pump, High Efficiency Suction and Delivery valves, Low-High Pressure Packing with Integrated Cooling system and Patent Pending Power End design all add to the strength and durability of this innovative pump series. Gear Reducer options available for 1500 or 1800 RPM.

Max. Inlet Pressure: 80 PSI Max. Fluid Temperature: *140° F Inlet Port Thread: 2" NPT-F
Discharge Port Thread: 1 1/2" NPT-F Shaft Diameter: 1.574 in./40 mm Pump Dimensions: 23" x 19" x 11"
Crankcase Oil Capacity: 162.3 oz. Use GP Series 100 Oil, (see page 33) Stroke: 1.9 in./50 mm
Product Group: V

	GPM	PSI	BORE	HP	MIN INLET	SHP WGHT
KS28A	24.0 GPM	3625 PSI	1.10 in./28 mm	73.0 EBHP	3.0 PSI	212 lbs.
KS32A	38.0 GPM	3000 PSI	1.26 in./32 mm	76.3 EBHP	3.7 PSI	212 lbs.
KS36A	48.0 GPM	2320 PSI	1.42 in./36 mm	77.2 EBHP	4.4 PSI	212 lbs.
KS40A	60.0 GPM	2000 PSI	1.57 in./40 mm	77.4 EBHP	5.9 PSI	212 lbs.

Solid shaft only for belt-driven applications.

MSS Series, Triplex Plunger Pump with Gear Box for Jetting (intermittent use). Gear reducer options available for 1500 or 1800 RPM. Also available with hydraulic drive.

Max. Inlet Pressure: 45 PSI Max. Fluid Temperature: *140° F Inlet Port Thread: 2 1/2" NPT-F
Discharge Port Thread: 1 1/4" NPT-F Shaft Diameter: 1.969 in./50 mm Pump Dimensions: 27.7" x 23.8" x 11.9"
Crankcase Oil Capacity: 333 oz. Use GP Series 220 Oil, (see page 33) Stroke: 2.362 in./60 mm
Product Group: V

	GPM	PSI	BORE	HP	MIN INLET	SHP WGHT
MSS36	35.4 GPM	4350 PSI	1.417 in./36 mm	121.2 EBHP	6.5 PSI	620 lbs.
MSS40	43.9 GPM	3900 PSI	1.575 in./40 mm	117.3 EBHP	6.8 PSI	620 lbs.
MSS45	55.5 GPM	3050 PSI	1.772 in./45 mm	115.9 EBHP	7.1 PSI	620 lbs.
MSS50	68.7 GPM	2470 PSI	1.969 in./50 mm	116.2 EBHP	7.6 PSI	620 lbs.
MSS55	83.0 GPM	2000 PSI	2.165 in./55 mm	113.7 EBHP	7.8 PSI	620 lbs.

**Please consult technical guide or GP Sales Representative for temperature/Inlet Pressure information.*

Please refer to pages 48-51 for fittings, safety devices and other accessories. Performances refer to theoretical delivery with 100% volumetric efficiency. Under normal operating conditions, pump volumetric efficiency is over 95%. Please contact our technical staff in case of continuous, heavy-duty, or special applications.



JETTING/INTERMITTENT PUMPS

MK Series, Triplex Plunger Pump with gear reducer options available for 1500 or 1800 RPM. Energized packing design and patent pending power end design all add to the strength and durability of this innovative pump series.

Max. Inlet Pressure: 45 PSI Max. Fluid Temperature: *140° F Inlet Port Thread: 2" NPT-F Flange Discharge Port Thread: 1" NPT-F Shaft Diameter: 1.969 in./55 mm Pump Dimensions: 33.3" x 28.2" x 13.5" Crankcase Oil Capacity: 466.5 oz. Use GP Series 100 Oil, (see page 33) Stroke: 2.835 in./72 mm Product Group: V

	GPM	PSI	BORE	HP	SHP WGHT
MK40	40.0 GPM	5800 PSI	1.575 in./40 mm	161.6 EBHP	931 lbs.
MK45	50.0 GPM	4350 PSI	1.772 in./45 mm	149.6 EBHP	931 lbs.
MK50	62.0 GPM	3625 PSI	1.969 in./50 mm	154.2 EBHP	931 lbs.

Inlet Port Thread: 3" NPT-F Flange Discharge Port Thread: 1 1/4" NPT-F

MK55	75.0 GPM	2900 PSI	2.165 in./55 mm	153.0 EBHP	931 lbs.
MK60	90.0 GPM	2465 PSI	2.362 in./60 mm	154.8 EBHP	931 lbs.
MK65	107.0 GPM	2175 PSI	2.559 in./65 mm	160.3 EBHP	931 lbs.

LHS Series

	GPM	PSI	RPM	BORE	HP	MIN INLET	SHP WGHT
LHS50	77.4 GPM	3300 PSI	1750 RPM	1.969 in./50 mm	175 HP	5.5 PSI	800 lbs.
LHS55	93.8 GPM	2750 PSI	1750 RPM	2.165 in./55 mm	175 HP	5.8 PSI	800 lbs.
LHS60	112.0 GPM	2320 PSI	1750 RPM	2.362 in./60 mm	175 HP	6.1 PSI	800 lbs.

NEW!



MK45

Gearbox may be positioned as shown or at 45°, 90°, 135° or 180° from position shown.

NEW!



MK60

Gearbox may be positioned as shown or at 45°, 90°, 135° or 180° from position shown.



LHS50

Gearbox may be positioned as shown or at 45°, 90°, 135° or 180° from position shown.

Emperor Pumps

Emperor HTCK3623S, 70 Series, Triplex plunger pump features exclusive HT technology. Designed specifically for use in rollover car wash systems and other industrial plant systems where hot water is required.

Max. Inlet Pressure: 125 PSI Max. Fluid Temperature: 185° F Inlet Port Thread: 1" NPT-F
Discharge Port Thread: 1/2" NPT-F Shaft Diameter: 1.181 in./30 mm
Pump Dimensions: 15.3" x 13.4" x 7.7" Max. Inlet Vacuum: 3 ft. water (2.6 in. Hg)
Crankcase Oil Capacity: 64.2 oz. Use GP Series 100 Oil, (see page 33) Product Group: X

	GPM	PSI	RPM	BORE	STROKE	HP	SHP WGHT
HTCK3623S	21.0/25.0	1500/1300	1150/1350	1.4 in/36 mm	.9/23 mm	22.0	79.6 lbs.

HT125RCK Pump Rails

Emperor HTCK4050S, 71 Series, Triplex plunger pump features exclusive HT technology. Designed as a direct replacement for Cat's 3535 with the distinct advantage of featuring General Pump's patented HT technology. Ideal for use in rollover car washes and other industrial plant systems where hot water is required.

Max. Inlet Pressure: 125 PSI Max. Fluid Temperature: 185° F Inlet Port Thread: 1-1/2" NPT-F
Discharge Port Thread: 1" NPT-F Shaft Diameter: 1.575 in./40 mm
Pump Dimensions: 20.7" x 14.5" x 9.9" Max. Inlet Vacuum: 3 ft. water (2.6 in. Hg)
Crankcase Oil Capacity: 124.4 oz. Use GP Series 100 Oil, (see page 33) Product Group: X

	GPM	PSI	RPM	BORE	STROKE	HP	SHP WGHT
HTCK4050S	36.0	1500	800	1.6 in/40 mm	1.9/50 mm	38.0	157 lbs.

HT150RCK Pump Rails

ZUH40 Universal Hub, 40 mm

Vehicle Cleaning Pumps

Car Wash Series 47 Triplex Plunger Pump – Forged brass manifold with an exclusive lifetime warranty. The preferred pump frame in the car wash self-service industry. Solid ceramic plungers with continuously lubricated packings.

Max. Inlet Pressure: 125 PSI Max. Fluid Temperature: 165° F Inlet Port Thread: 1/2" - 14 BSP-F
Discharge Port Thread: 3/8" - 19 BSP-F Shaft Diameter: .945 in./24 mm (dual shaft)
Pump Dimensions: 11.4" x 10.8" x 6.9" Max. Inlet Vacuum: 9 ft. water (7.9 in. Hg)
Crankcase Oil Capacity: 33.8 oz. Use GP Series 100 Oil, (see page 33) Product Group: X

	GPM	PSI	RPM	BORE	STROKE	HP	SHP WGHT
CW2004	4.0 GPM	2000 PSI	1750 RPM	.787 in./20 mm	.394 in./10 mm	5.5 EBHP	30.0 lbs.
CW2040	5.0 GPM	2500 PSI	1250 RPM	.787 in./20 mm	.630 in./16 mm	8.6 EBHP	30.0 lbs.
CW24	5.0 GPM	2500 PSI	1250 RPM	.787 in./20 mm	.630 in./16 mm	8.6 EBHP	30.0 lbs.
CW3040	5.0 GPM	3000 PSI	1250 RPM	.787 in./20 mm	.630 in./16 mm	10.3 EBHP	32.0 lbs.

190237 CW2040 Pump and Retrofit Rail and 24 MM H Bushing for Cat 310 Replacement

190238 CW2040 Pump and Retrofit Rail and 8" OD Pulley for Cat 310 Replacement

190239 CW3040 Pump and Retrofit Rail for Cat 530 Replacement

190245 CW3040L Pump and Retrofit Rail and H Bushing for Cat 530 Replacement



HTCK3623S



HTCK4050S



CW2040

Emperor Pumps

Emperor HTS, 47HT Series, Triplex plunger pump features exclusive HT technology. Specifically designed to handle the rigorous duty cycles, high temperatures and chemicals associated with self-service car wash applications. Also ideal for use in carpet cleaning and other high pressure cleaning applications.

Max. Inlet Pressure: 125 PSI Max. Fluid Temperature: 185° F Inlet Port Thread: 1/2" - 14 BSP-F Discharge Port Thread: 3/8" - 19 BSP-F Shaft Diameter: .945 in./24 mm Pump Dimensions: 12.2" x 9.2" x 6.9" 12.4" x 10" x 6.9" (with rails) Max. Inlet Vacuum: 9 ft. water (7.9 in. Hg) Crankcase Oil Capacity: 40.6 oz. Use GP Series 100 Oil, (see page 33) Product Group: X

	GPM	PSI	RPM	BORE	STROKE	HP	SHP WGHT
HTS2210S	2.6/4.0	2300	950/1450	.866 in./22 mm	.394 in./10 mm	4.1/6.3	32 lbs.
HTS2212S	3.2/4.75	2300	950/1450	.866 in./22 mm	.472 in./12 mm	5/7.5	32 lbs.
HTS2215S	4.0/5.0	2300	950/1200	.866 in./22 mm	.591 in./15 mm	4.1/7.8	32 lbs.



HTS2210S

Emperor HTX, 63HT Series, Triplex plunger pump features exclusive HT technology. Specifically designed to handle the rigorous duty cycles, high temperatures and chemicals associated with self-service car wash applications. Also ideal for use in carpet cleaning and other high pressure cleaning applications. This pump offers a compact and economical design.

Max. Inlet Pressure: 125 PSI Max. Fluid Temperature: 185° F Inlet Port Thread: 1/2" - 14 BSP-F Discharge Port Thread: 3/8" - 19 BSP-F Shaft Diameter: .945 in./24 mm Pump Dimensions: 8.4" x 8.3" x 4.8" 8.4" x 8.3" x 5.6" (with rails) Max. Inlet Vacuum: 3 ft. water (2.9 in. Hg) Crankcase Oil Capacity: 14 oz. Use GP Series 100 Oil, (see page 33) Product Group: X

	GPM	PSI	RPM	BORE	STROKE	HP	SHP WGHT
HTX1810S	2.7/3.1	2000	1450/1750	.709 in./18 mm	.394 in./10 mm	3.5/4.2	18 lbs.
HTX1812S	3.2/3.8	2000	1450/1750	.709 in./18 mm	.472 in./12 mm	4.3/5.2	18 lbs.
HTX1813S	3.5	2500	1450	.709 in./18 mm	.512 in./13 mm	6	18 lbs.



HTX1810S

Emperor HTF, 66HT Series, Triplex plunger pump features exclusive HT technology. Designed for use in prep units, conveyor and multiple gun applications. Excellent for carpet cleaning and for use in industrial plant systems where hot water is required.

Max. Inlet Pressure: 125 PSI Max. Fluid Temperature: 185° F Inlet Port Thread: 3/4" - 14 BSP-F Discharge Port Thread: 3/8" - 19 BSP-F Shaft Diameter: .945 in./24 mm Pump Dimensions: 13.27" x 9.6" x 6.23" 13.4" x 9.8" x 7.5" (with rails) Max. Inlet Vacuum: 9 ft. water (7.9 in. Hg) Crankcase Oil Capacity: 31 oz. Use GP Series 100 Oil, (see page 33) Product Group: X

	GPM	PSI	RPM	BORE	STROKE	HP	SHP WGHT
HTF2018S	4.0/5.0/7.5	3600	950/1200/1750	.787 in./20 mm	.748 in./18 mm	10/12/18.5	41 lbs.
HTF2221S	8.5/10.2	3000	1450/1750	.866 in./22 mm	.826 in./21 mm	17.5/21	41 lbs.
HTF2421S	10.0/12.0	3000/2500	1450/1750	.945 in./24 mm	.826 in./21 mm	20.5	41 lbs.



HTF2018S

Emperor HTW, 69HT Series, Triplex plunger pump features exclusive HT technology. Designed for touchless car wash systems, multiple gun systems and industrial plant systems where hot water is required.

Max. Inlet Pressure: 125 PSI Max. Fluid Temperature: 185° F Inlet Port Thread: 1" - 11 BSP-F Discharge Port Thread: 3/4" - 14 BSP-F Shaft Diameter: 1.378 in./35 mm Pump Dimensions: 13" x 11.9" x 7.3" Max. Inlet Vacuum: 9 ft. water (7.9 in. Hg) Crankcase Oil Capacity: 50.7 oz. Use GP Series 100 Oil, (see page 33) Product Group: X

	GPM	PSI	RPM	BORE	STROKE	HP	SHP WGHT
HTW3624S	18.0	1200	1000	1.417 in./36 mm	.945 in./24 mm	19.5	57 lbs.



HTW3624S

Car Wash Series 69 Triplex Plunger Pump – Forged brass manifold with an exclusive lifetime warranty. The preferred pump frame in the two-gun prep conveyor and tunnel car wash industry. Solid ceramic plungers with continuously lubricated packings.

Max. Inlet Pressure: 125 PSI Max. Fluid Temperature: 165° F Inlet Port Thread: 3/4" - 14 BSP-F
Discharge Port Thread: 3/8" - 19 BSP-F Shaft Diameter: 1.378 in./35 mm
Pump Dimensions: 13.0" x 11.9" x 7.3" Crankcase Oil Capacity: 50.7 oz. Use GP Series 8090 Oil, (see page 33) Max. Inlet Vacuum: 2 ft. water (1.8 in. Hg) Product Group: Y

	GPM	PSI	RPM	BORE	STROKE	HP	SHP WGHT
CW1012	10.0 GPM	1200 PSI	750 RPM	1.18 in./30 mm	.946 in./24 mm	8.2 EBHP	45.0 lbs.
CW1012	12.0 GPM	1000 PSI	900 RPM	1.18 in./30 mm	.946 in./24 mm	8.2 EBHP	45.0 lbs.



CW1012

Car Wash Series 76 Triplex Plunger Pump – Forged brass manifold with an exclusive lifetime warranty. Oversized bronze connecting rods for maximum life. Solid ceramic plungers with continuously lubricated packings.

Max. Inlet Pressure: 125 PSI Max. Fluid Temperature: 165° F Inlet Port Thread: 1" - 11 BSP-F
Discharge Port Thread: 3/4" - 14 BSP-F Shaft Diameter: 1.378 in./35 mm
Pump Dimensions: 15.6" x 14.0" x 9.5" Max. Inlet Vacuum: 9 ft. water (7.9 in. Hg)
Crankcase Oil Capacity: 91.0 oz. Use GP Series 8090 Oil, (see page 33) Product Group: Y

	GPM	PSI	RPM	BORE	STROKE	HP	SHP WGHT
CW61	17.0 GPM	1200 PSI	1000 RPM	1.417 in./36 mm	.945 in./24 mm	14.0 EBHP	92.0 lbs.
CW81	21.0 GPM	1200 PSI	1000 RPM	1.417 in./36 mm	1.102 in./28 mm	17.3 EBHP	92.0 lbs.



CW61

Car Wash Series 77 Sixplex Plunger Pump – Forged brass manifold with an exclusive lifetime warranty. Most widely used pump frame in the touchless car wash industry. Dual manifolds utilizing a common crankcase for efficient performance. (Recommend Series 80/90 Oil, part number 100734.)

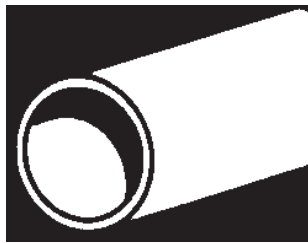
Max. Inlet Pressure: 125 PSI Max. Fluid Temperature: 165° F Inlet Port Thread: Dual 1" - 11 NPT-F
Discharge Port Thread: Dual 3/4" - 14 NPT-F Shaft Diameter: 1.378 in./35 mm
Crankcase Oil Capacity: 2 quarts Use GP Series 8090 Oil, (see page 33)
Pump Dimensions: 22.1" x 14.0" x 9.7" Max. Inlet Required: Flooded Product Group: Y

	GPM	PSI	RPM	BORE	STROKE	HP	SHP WGHT
CW1541	41.0 GPM	1200 PSI	1000 RPM	1.417 in./36 mm	1.102 in./28 mm	33.7 EBHP	156 lbs.



CW1541

Ceramic Coated Pistons



PART #	DESCRIPTION	PRICE
1068	20mm Piston fits: TS-2021, T1011, T1311, T1511, T2011, T2031, T9121, T9131, T9161, T9211, TS821, TS1011, TS1021, TS1041, TS1311, TS1331, TS1351, TS1511, TS1521, TS1531, TS1711, TS2011	\$ 54.89
1069	20mm Piston fits: TS21, TS31, T701, T711, T721, T731, T911, T981, T9721, T9731, T9791, T991, T9951, T9961, T9971	\$ 54.89
1070	15mm Piston fits: EZ3040G, EZ2545G, EZ3035G, EZ2545E, EZ3040S, TT9441, TX1505G6, TX1506G6, TX1508G6, TX1508G8, TX1509G8, TX1510G8	\$ 54.89
1071	22mm Piston fits: T921, T1321, T1621, T1631, T921, TS1321, TS1621	\$ 54.89

High Temp Check Valves

For General Pumps

- The same as a Kit 1 General except it is rated for 185°
- Great for those of you who need to leave the water in by-pass longer than 3 minute intervals



Fits These Pumps

TS2021, TS1011, TS1321, TS1331, TS1511, TS1021, TS1621, TS1711, TS2011, TS821, TT9111, TT941, TT9351, TT9441, TT2028E, TT2028E, TT2035, TT9061, TT9071, T9051, T9721, T9731, T9791, T721, T731, T991, T9951, T9971, T921, T9131, T1011, T1321, 59161, T1511, T1621, T1631, T9211, T2011, T2031, T9281, T9051EBF,

PART #	DESCRIPTION	PRICE
2034	HIGH TEMP KIT GPK101	\$ 98.85

GENERAL PUMP VALUE KITS

High Temp Kit #1

Complete Head Rebuild For
GENERAL PUMPS

- 6 Hi-Temp Check Valves
- 3 Complete Sets of Hi-Temp Packings
- 3 Sets of Packing Brass
- 3 Ceramic Coated Pistons (packings and brass are pre-assembled)



Fits These Pumps

TS-2021, TS2011, T9131, T1011, T9161, T1511, T9211, T2031, TS1021, TS1011, TS1331, TS1511, TS1711, TS821

PART #	DESCRIPTION	PRICE
2035	**E** - HI-TEMP VALUE KIT	\$ 296.65

Standard Kit #2

Complete Head Rebuild - Standard Kits For
GENERAL PUMPS

- 6 Check Valves
- 3 Complete Sets of Standard Packings
- 3 Sets of Packing Brass
- 3 Ceramic Coated Pistons (packings and brass are pre-assembled)



Fits These Pumps

TS-2021, TS2011, T9131, T1011, T9161, T1511, T9211, T2031, TS1021, TS1011, TS1331, TS1511, TS1711, TS821

PART #	DESCRIPTION	PRICE
2036	1 GPK01, 3 GPK28'S, 3 1310-850'S	\$ 263.68

High Temp Kit #3

Check Valves & Packings For
GENERAL PUMPS

- 6 Hi-Temp Check Valves
- 3 Complete Sets of Hi-Temp Packings
- 3 Sets of Packing Brass (packings and brass are pre-assembled)



Fits These Pumps

TS-2021, TS2011, T9131, T1011, T9161, T1511, T9211, T2031, TS1021, TS1011, TS1331, TS1511, TS1711, TS821

PART #	DESCRIPTION	PRICE
2037	1 GPK101, 3 GPK28'S	\$ 186.76

Standard Kit #4

Standard Check Valves & Packings For
GENERAL PUMPS

- 6 Standard Check Valves
- 3 Complete Sets of Standard Packings
- 3 Sets of Packing Brass (packings and brass are pre-assembled)



Fits These Pumps

TS-2021, TS2011, T9131, T1011, T9161, T1511, T9211, T2031, TS1021, TS1011, TS1331, TS1511, TS1711, TS821

Large Frame pumps (over 30 lbs) can handle 145-160° head temperature while smaller pumps handle 130°.

A pump will see temps around 175° if you allow the machine to run for more than 3 minutes without pulling the trigger.

PART #	DESCRIPTION	PRICE
2038	1 GPK01, 3 GPK28'S	\$ 139.95

Master Card, VISA, AMEX, Discover ○ 1-800-346-4876 ○ Minimum Order \$50.00

GENERAL PUMP PRICING - NET PRICING

EZ2530SUI	342.69
EZ2536E	327.72
EZ2536EL	327.72
EZ2536EUI	362.26
EZ2536S	316.38
EZ2536SL	316.38
EZ2542E	327.72
EZ2542EL	327.72
EZ2542S	316.38
EZ2542SL	316.38
EZ2545E	327.72
EZ2545EL	327.72
EZ2545GUI	371.51
EZ2545S	316.38
EZ2545SL	316.38
EZ2555E	327.72
EZ2555EL	327.72
EZ2555S	327.72
EZ3030G34	316.38
EZ3030G34UI	350.26
EZ3030G34UIL	350.26
EZ3035G	341.15
EZ3035GL	341.15
EZ3035GUI	371.51
EZ3035GUIL	371.51
EZ3035GUKL	386.45
EZ3040GFUIL	371.51
EZ3040GL	341.15
EZ3040GUI	371.51
EZ3040GUIL	371.51
EZ3040GUKL	386.45
EZ3040GY	341.15
EZ3040S	327.72
EZ3040SL	327.72
EZ3042S	317.25
EZ3042SL	337.53
EZ3045G	341.15
EZ3045GL	341.15
EZ3045GUI	371.51
EZ4030G34	371.51
EZ4030S34	357.10
EZ4035E34	371.51
EZ4035G34	371.51
EZ4035S34	357.10
EZ4040E34	371.51
EZ4040G	279.00
EZ4040GL	371.51
EZ4040S34	371.51
HTC1505E345	378.13
HTC1509E175	378.13

HTCK3623S	2,119.08
HTCK3623SL	2,119.08
HTCK4050S	3,205.10
HTCK4050SL	3,205.10
HTF2018S	1,030.74
HTF2221S	1,067.34
HTF2421S	1,101.99
HTF2421SL	1,101.99
HTS2016S	586.69
HTS2016SL	586.69
HTS2210S	586.69
HTS2210SL	586.69
HTS2212S	586.69
HTS2212SL	586.69
HTS2215S	582.25
HTS2215SL	602.21
HTW3624S	1,332.57
HTW3624SL	1,332.57
HTX1810S	464.02
HTX1810SYGR	692.25
HTX1812S	464.02
HTX1813S	464.02
T1011	391.55
T1011L	391.55
T121	2,868.38
T1321	400.86
T1321D	413.77
T1321L	400.86
T151	2,868.38
T1551	2,325.42
T1591	3,580.83
T1621	457.56
T1621L	457.56
T1631	1,157.62
T2031	1,157.62
T3551	4,309.77
T41	679.58
T41L	679.58
T4251	2,817.43
T4251L	2,817.43
T5050	822.49
T5050L	822.49
T61	1,809.30
T61L	1,846.95
T711	315.92
T721B	268.48
T721BL	276.22
T721GR	414.84
T731B	268.48
T731BL	276.22

T81	1,809.30
T81L	1,809.30
T8271	1,032.95
T9051EB	256.59
T9051EBF	264.39
T9051EBFL	264.39
T9051EBFU	282.89
T9051EBFUI	286.46
T9051EBFUIL	286.46
T911	311.80
T911GR	435.37
T9161L	476.09
T921	391.55
T9211	476.09
T9211L	476.09
T921L	391.55
T9281	589.94
T9281GR	767.13
T9281L	592.49
T9711EBF	291.07
T9721B	268.48
T9721BL	276.22
T9721EBF	291.07
T9721EBFL	289.59
T9731B	268.48
T9731BL	276.22
T9731EBF	291.07
T9731EBFL	289.59
T9791B	276.22
T981GR	432.33
T991	321.58
T991GR	432.33
T991L	321.58
T991YGR	450.89
T9951	321.58
T9951L	321.58
T9971	390.60
T9971GR	450.89
T9971L	390.60
T9971YGR	574.02
TC1502E175	270.54
TC1502E175L	270.54
TC1504E345UI	295.65
TC1505E345	270.54
TC1505E345L	270.54
TC1506E345	270.54
TC1506E346	274.48
TC1506G	270.54
TC1506GUI	295.65
TC1506GUIL	295.65

GENERAL PUMP PRICING - NET PRICING

TC1507E345	270.54
TC1507E345L	270.54
TC1507E346	274.48
TC1507G	270.54
TC1507GUI	295.65
TC1507GUIL	295.65
TC1507S34	260.65
TC1508E175	270.54
TC1508E346	274.48
TC1508G	270.54
TC1508GUI	295.65
TC1508GUIL	295.65
TC1508S34	260.65
TC1509E175	270.54
TC1509E175L	270.54
TC1509E175UI	295.65
TC1509E17N	262.56
TC1509G	270.54
TC1509GUI	295.65
TC1509GUIL	295.65
TC1509S17	260.65
TC1511S17	260.65
TC1802E175	270.54
TC1802E175L	270.54
TC1809E175	270.54
TC1809E175L	270.54
TC1809E17N	270.54
TC1809S17	260.65
TC1811S17	260.65
TP2021C17	270.54
TP2021S17	258.67
TP2024C17	270.54
TP2032C17	270.54
TP2032S17	258.67
TP2520J34	262.36
TP2520J34UI	289.41
TP2520J34UIL	289.41
TP2526J34	262.36
TP2526J34UI	289.41
TP2526J34UIL	289.41
TP2530J34	253.57
TP2530J34L	253.57
TP2530J34UI	279.29
TP2530J34UIL	279.29
TP2530X34	258.67
TP2530X34L	258.67
TP2530X34UIL	279.29
TP2533J34	262.36
TP2533J34UIL	289.41
TS1011	391.55

TS1011L	391.55
TS1021	400.86
TS1021L	400.86
TS1041	753.76
TS1041L	753.76
TS1321	400.86
TS1321L	400.86
TS1331	391.55
TS1331L	391.55
TS1511	368.00
TS1511L	400.86
TS1521	476.09
TS1531	950.56
TS1531L	950.56
TS1621	457.56
TS1621L	457.56
TS1711	400.86
TS1811	405.94
TS2011	457.56
TS2011L	457.56
TS2021GR	650.20
TS2021	429.00
TS2021B	365.00
TS2021L	457.56
TS921	391.55
TSF2019	580.00
TSF2019L	615.24
TSF2021	567.00
TSF2021L	615.24
TSF2219	680.00
TSF2219L	718.28
TSF2221	567.00
TSF2221L	680.00
TSF2421	621.00
TSF2421L	775.00
TSP1619	757.36
TSP1621	757.36
TSP1621L	757.36
TSP1819	700.75
TSP1819L	700.75
TSP1821	725.49
TSP1821L	725.49
TT15025EBF	260.79
TT1505EBF	255.11
TT1505EBFL	255.11
TT1540GBF	260.79
TT2021EBF	266.48
TT2021EBFL	260.79
TT2028EBF	260.79
TT2028EBFL	260.79

TT2028GBF	260.79
TT2028GBFL	260.79
TT2028GBFUI	291.15
TT2028GBFUIL	291.15
TT2028X34	263.31
TT2035EBF	260.79
TT2035EBFL	260.79
TT2035EBFUI	291.15
TT2035GBF	260.79
TT2035GBFL	260.79
TT2035GBFU	286.02
TT2035GBFUI	291.15
TT2035GBFUIL	291.15
TT901	243.77
TT9061EBF	255.11
TT9061EBFL	255.11
TT9061EBFU	282.89
TT9061EBFUI	286.46
TT9061EBFUIL	286.46
TT9061EBFXI	243.77
TT9061EFL	252.50
TT9061EFUI	283.41
TT9061GBF	255.11
TT9061GBFL	255.11
TT9061GBFU	282.89
TT9061GBFUI	286.46
TT9061GBFUIL	286.46
TT9061GFUL	279.82
TT9071CSOV	286.46
TT9071EBF	255.11
TT9071EBFL	255.11
TT9071EBFU	282.89
TT9071EBFUI	286.46
TT9071EBFUIL	286.46
TT9071GB	255.11
TT9071GBF	255.11
TT9071GBFL	255.11
TT9071GBFU	282.89
TT9071GBFUI	286.46
TT9071GBFUIL	286.46
TT9071GFL	252.50
TT9071GFUIL	283.41
TT9111	262.30
TT9111EBF	274.65
TT9111EBFL	274.65
TT9111L	262.30
TT931	243.77
TT9351	347.30
TT941	243.77
TT9441	347.30

TT9441L	347.30
TT951	243.77
TX1505G6	283.41
TX1506G6	283.41
TX1506G6UIL	308.00
TX1506G6UKL	317.78
TX1506G8	288.57
TX1506G8UI	308.00
TX1506G8UK	317.78
TX1506S34	273.12
TX1508G6	283.41
TX1508G8	288.57
TX1508G8UI	308.00
TX1508G8UIL	308.00
TX1508G8UK	317.78
TX1508G8UKL	317.78
TX1508S34	273.12
TX1509G8	288.57
TX1509G8UI	308.00
TX1509G8UIL	308.00
TX1509G8UK	317.78
TX1509G8UKL	317.78
TX1510E349	283.41
TX1510G8	288.57
TX1510G8L	288.57
TX1510G8UI	308.00
TX1510G8UIA	252.25
TX1510G8UIL	308.00
TX1510G8UK	317.78
TX1510G8UKL	317.78
TX1510S34	273.12
TX1512E179	283.41
TX1512S17	273.12
TX1512S17L	273.12
TX1810E179	283.41
TX1810E179L	283.41
TX1810S17	273.12
TX18125ESS	861.85
TX1812E179	283.41
TX1812E179L	283.41
TX1812E179UI	308.00
TX1812S17	273.12
TX1812S17L	273.12

GENERAL PUMPS and their KITS

PUMP	Valves	Valve Caps	Packings	Packing w/Brass	Head Rings	Intermediate Ring Kit	Pistons	Piston Bolts	Crankshaft Seal	Oil Seal
CW1012	GPK62	98231200	GPK113	GPK67 (2)	GPK65	69216770	69040109	GPK74	GPK32	GPK37
CW1541	GPK943	98242000	GPK940	GPK939 (3)	GPK41	GPK942	69040009	GPK74	GPK32	GPK32
CW1635	GPK1094	N/A	F1287	GPK1095 (3)	N/A	N/A	F124200310	N/A	N/A	N/A
CW2004	GPK01	GPK04	GPK969	GPK9101A (3)	GPK07	GPK71	1310-850	GPK06	GPK03	GPK02
CW24	GPK01	GPK04	GPK969	GPK9101A (3)	GPK07	GPK71	1310-850	GPK06	GPK03	GPK02
CW3040	GPK01	GPK04	GPK969	GPK9101A (3)	GPK07	GPK71--	1310-850	GPK06	GPK03	GPK02
CW61	GPK943	98242000	GPK940	GPK939 (3)	GPK41	GPK942	69040009	GPK74	76021135	GPK32
CW81	GPK943	98242000	GPK940	GPK939 (3)	GPK41	GPK942	69040009	GPK74	76021035	GPK32
EZ2536E	GPK123	GPK124	GPK127	GPK131 (3)	GPK129	GPK128	44040109	92221600	N/A	GPK23
EZ2542E	GPK123	GPK124	GPK127	GPK131 (3)	GPK129	GPK128	44040109	92221600	N/A	GPK23
EZ2542S	GPK123	GPK124	GPK127	GPK131 (3)	GPK129	GPK128	44040109	92221600	N/A	GPK23
EZ2545E	GPK123	GPK124	GPK88	GPK130 (3)	GPK129	GPK89	1310-852	92221600	N/A	GPK23
EZ2545G	GPK123	GPK124	GPK88	GPK130 (3)	GPK129	GPK89	1310-852	92221600	N/A	GPK23
EZ3035G	GPK123	GPK124	GPK88	GPK130 (3)	GPK129	GPK89	1310-852	92221600	N/A	GPK23
EZ3040G	GPK123	GPK124	GPK88	GPK130 (3)	GPK129	GPK89	1310-852	92221600	N/A	GPK23
EZ3040S	GPK123	GPK124	GPK88	GPK130 (3)	GPK129	GPK89	1310-852	92221600	N/A	GPK23
EZ4040G	GPK123	GPK124	GPK153	GPK156 (3)	N/A	GPK154	44040266	92221600	N/A	GPK23
T1011	GPK01	GPK04	GPK08	GPK28 (3)	GPK7	GPK71	1310-850	GPK06	GPK03	GPK2
T1321	GPK01	GPK04	GPK148	GPK29 (3)	GPK11	GPK149	1310-854	GPK06	GPK03	GPK02
T1511	GPK01	GPK04	GPK08	GPK28 (3)	GPK7	GPK71	1310-850	GPK06	GPK03	GPK02
T1551	GPK43	96242000	GPK113	GPK115 (3)	GPK65	GPK66	76040056	GPK74	GPK32	GPK44
T1621	GPK01	GPK05	GPK148	GPK29 (3)	GPK11	GPK149	1310-854	GPK06	GPK03	GPK02
T1631	GPK01 (2)	GPK04 (2)	GPK148 (2)	GPK29 (6)	GPK11 (2)	GPK149 (2)	1310-854	GPK06 (2)	GPK24	GPK02
T2011	GPK01	GPK05	GPK08	GPK28 (3)	GPK07	GPK71	1310-850	GPK06	GPK03	GPK02
T2031	GPK01 (2)	GPK04 (2)	GPK08 (2)	GPK28 (6)	GPK07 (2)	GPK71 (2)	1310-850	GPK06 (2)	GPK24	GPK02 (2)
T41	GPK62	99366900	GPK38	GPK39 (3)	GPK41	GPK42	69040009	GPK74	GPK32	GPK37
T4251	GPK122	99486000	GPK77	GPK78 (3)	GPK07	GPK75	61040056	61219566	GPK32	GPK44
T5050	GPK150	99428200	GPK109	GPK151 (3)	GPK108	GPK110	47040856	47219666	GPK03	GPK02
T61	GPK43	98242000	GPK79	GPK80 (3)	GPK48	GPK81	76040209	GPK74	GPK32	GPK44
T721	GPK01	GPK04	GPK19	GPK27 (2)	GPK21	GPK20	1310-851	GPK06	N/A	GPK23
T731	GPK01	GPK04	GPK19	GPK27 (2)	GPK21	GPK20	1310-851	GPK06	N/A	GPK23
T81	GPK43	98242000	GPK79	GPK80 (3)	GPK48	GPK81	76040209	GPK74	GPK32	GPK44
T9051	GPK01	GPK84	GPK97	GPK96 (3)	--	--	51040009	--	90164400	GPK83
T9131	GPK01	GPK04	GPK08	GPK28 (3)	GPK7	GPK71	1310-850	GPK06	GPK03	GPK02
T9161	GPK01	GPK05	GPK08	GPK28 (3)	GPK7	GPK71	1310-850	GPK06	GPK03	GPK02
T921	GPK01	GPK04	GPK148	GPK29 (3)	GPK11	GPK149	1310-854	GPK06	GPK03	GPK02
T9211	GPK01	GPK05	GPK08	GPK28 (3)	GPK7	GPK71	1310-850	GPK06	GPK03	GPK02
T9281	GPK01	GPK106	GPK109	GPK112 (3)	GPK108	GPK110	47040856	GPK107	GPK03	GPK02
T9721	GPK01	GPK04	GPK19	GPK27 (3)	GPK21	GPK20	1310-851	GPK06	N/A	GPK23
T9731	GPK01	GPK04	GPK19	GPK27 (3)	GPK21	GPK20	1310-851	GPK06	N/A	GPK23
T9791	GPK01	GPK04	GPK19	GPK27 (3)	GPK21	GPK20	1310-851	GPK06	N/A	GPK23
T991	GPK01	GPK04	GPK19	GPK27 (3)	GPK21	GPK20	1310-851	GPK06	N/A	GPK23
T9951	GPK01	GPK04	GPK19	GPK27 (3)	GPK21	GPK20	1310-851	GPK06	N/A	GPK23

GENERAL PUMPS *and their KITS*

PUMP	Valves	Valve Caps	Packings	Packing w/Brass	Head Rings	Intermediate Ring Kit	Pistons	Piston Bolts	Crankshaft Seal	Oil Seal
T9971	GPK01	GPK04	GPK19	GPK27 (3)	GPK21	GPK20	1310-851	GPK06	90164400	GPK23
TS1011	GPK01	GPK04	GPK08	GPK28 (3)	GPK07	GPK71	1310-850	GPK06	GPK03	GPK02
TS1021	GPK01	GPK04	GPK08	GPK28 (3)	GPK07	GPK71	1310-850	GPK06	GPK03	GPK02
TS1041	GPK62	--	GPK08	GPK82 (3)	GPK07	GPK71	1310-850	GPK54	GPK03	GPK37
TS1321	GPK01	GPK04	GPK12	GPK29 (3)	GPK11	GPK149	1310-854	GPK06	GPK03	GPK02
TS1331	GPK01	GPK04	GPK08	GPK28 (3)	GPK07	GPK71	1310-850	GPK06	GPK03	GPK02
TS1511	GPK01	GPK04	GPK08	GPK28 (3)	GPK07	GPK71	1310-850	GPK06	GPK03	GPK02
TS1531	GPK62	98231200	GPK08	GPK82 (3)	GPK07	GPK71	1310-850	GPK54	GPK32	GPK37
TS1621	GPK01	GPK05	GPK12	GPK29 (3)	GPK29	GPK1497	1310-854	GPK06	GPK03	GPK02
TS1711	GPK01	GPK04	GPK08	GPK28 (3)	GPK07	GPK71	1310-850	GPK06	GPK03	GPK02
TS2011	GPK01	GPK05	GPK08	GPK28 (3)	GPK07	GPK71	1310-850	GPK06	GPK03	GPK02
TS2021	GPK01	GPK05	GPK08	GPK28 (3)	GPK07	GPK71	1310-850	GPK06	GPK03	GPK02
TS821	GPK01	GPK04	GPK08	GPK28 (3)	GPK07	GPK71	1310-850	GPK06	GPK03	GPK02
TS921	GPK01	GPK04	GPK148	GPK29 (3)	GPK11	GPK149	1310-854	GPK06	GPK03	GPK02
TSF2019	GPK169	66130041	GPK170	GPK171 (3)	--	66216070	66040009	99380100	GPK03	GPK02
TSF2021	GPK169	66130041	GPK170	GPK171 (3)	--	66216070	66040009	99380100	GPK03	GPK02
TSF2219	GPK169	66130041	GPK172	GPK173 (3)	--	66216070	66040109	99380100	GPK03	GPK02
TSF2221	GPK169	66130041	GPK172	GPK173 (3)	--	66216070	66040109	99380100	GPK03	GPK02
TSF2421	GPK169	66130041	GPK181	GPK182 (3)	--	66216070	66040409	99380100	GPK03	GPK02
TSP1621	GPK150	66130041	GPK174	GPK175 (3)	--	66216070	66040209	99380100	GPK03	GPK02
TSP1819	GPK150	66130041	GPK180	GPK176 (3)	--	66216070	66040309	99380100	GPK03	GPK02
TSP1821	GPK150	66130041	GPK180	GPK176 (3)		66216070	66040309	99380100	GPK03	GPK02
TT2028E	GPK01	GPK84	GPK97	GPK96 (3)	51100051	--	51040009	--	--	GPK83
TT2028G	GPK01	GPK84	GPK97	GPK96 (3)	--	--	51040009	--	--	GPK83
TT2035	GPK01	GPK84	GPK97	GPK96 (3)	--	--	51040009	--	--	GPK83
TT9061	GPK01	GPK84	GPK97	GPK96 (3)	--	--	51040009	--	--	GPK83
TT9071	GPK01	GPK84	GPK97	GPK96 (3)	--	--	51040009	--	--	GPK83
TT9111	GPK01	GPK84	GPK141	GPK140 (3)	--	--	51040109	--	--	GPK83
TT9351	GPK01	GPK04	GPK88	GPK92 (3)	GPK90	GPK89	1310-852	--	--	GPK23
TT941	GPK01	GPK84	GPK97	GPK96 (3)	--	--	51040009	--	--	GPK83
TT9441	GPK01	GPK04	GPK88	GPK92 (3)	GPK90	GPK89	1310-852	--	--	GPK23
TX1505G6	GPK123	GPK124	GPK160	GPK166 (3)	--	GPK164	1310-852	--	--	GPK159
TX1506G6	GPK123	GPK124	GPK160	GPK166 (3)	--	GPK164	1310-852	--	--	GPK159
TX1508G6	GPK123	GPK124	GPK160	GPK166 (3)	--	GPK164	1310-852	--	--	GPK159
TX1508G8	GPK123	GPK124	GPK160	GPK166 (3)	--	GPK164	1310-852	--	--	GPK159
TX1509G8	GPK123	GPK124	GPK160	GPK166 (3)	--	GPK164	1310-852	--	--	GPK159
TX1510G8	GPK123	GPK124	GPK160	GPK166 (3)	--	GPK164	1310-852	--	--	GPK159

GENERAL PUMP / INTERPUMP REPAIR KITS - NET PRICING

GPK01	K01	CHECK VALVE KIT	33.25
GPK01A	GP KIT #01A	KIT 1A,O-RING VA,190-016	2.26
GPK02	GP KIT #02	KIT 2 - PISTON GUIDE OIL	4.92
GPK03	GP KIT #03	KIT 3 - CRANKSHAFT OIL SE	11.66
GPK04	GP KIT #04	KIT 4 - VALVE CAP	53.79
GPK05	GP KIT #05	KIT 5 - VALVE CAP	87.08
GPK06	GP KIT #06	KIT 6, PISTON BOLT ASSEMB	17.41
GPK06A	GP KIT #06A	KIT 6A,WASHERS/RI,190-015	5.22
GPK07	GP KIT #07	KIT 7 - HEAD RING	8.44
GPK08	GP KIT #08	KIT 8 - PACKING 20MM	33.21
GPK08HP	GP KIT #08HP	KIT 8HP, V-PACKING, 20 x	23.20
GPK10	GP KIT #10	KIT 10-PACKING RETAINER	14.23
GPK101T	GP KIT #101T	PACKING KIT,TEFLON,	135.04
GPK102	GP KIT #102	KIT-102 TT UNLOADER MAINT	78.68
GPK103	GP KIT #103	*KIT 103	15.49
GPK105	GP KIT #105	KIT 105 P10 MAINTENANCE	27.55
GPK106	GP KIT #106	KIT-106 - VALVE CAP	99.18
GPK107	GP KIT #107	KIT 107 PISTON BOLT	35.60
GPK108	GP KIT #108	KIT 108 - HEAD RING (6)	5.83
GPK109	GP KIT #109	KIT 109 - PACKING 16MM	70.94
GPK109RD	GP KIT #109RD	KIT 109RD PACKING 16MM,	131.08
GPK10PRE90	GP KIT #10PRE90	KIT,20MM PACKING RETAINER	27.07
GPK11	GP KIT #11	KIT 11-HEAD RINGS	7.40
GPK110	GP KIT #110	KIT-110 INTERMEDIATE RING	49.00
GPK111	GP KIT #111	KIT 111 PACKING RETAINER	46.22
GPK112	GP KIT #112	KIT 112 - PACKING ASSEMBL	66.54
GPK113	GP KIT #113	KIT 113-PACKING ASSEMBLY	99.88
GPK114	GP KIT #114	*KIT 114-PACKING RETAINER	154.15
GPK115	GP KIT #115	KIT 115 PACKING ASSEMBLY	109.28
GPK116	GP KIT #116	*KIT 116-P3 MAINTENANCE	25.20
GPK118	GP KIT #118	KIT 118 PACKING	10.05
GPK119	GP KIT #119	KIT 119 PACKING	10.97
GPK12	GP KIT #12	KIT 12 - PACKING 22MM	38.78
GPK120	GP KIT #120	KIT 120 - UNLOADER MAINTE	21.32
GPK121	GP KIT #121	KIT 121 K9 MAINTENANCE	186.96
GPK122	GP KIT #122	KIT, VALVE ASSY - T4251	288.06
GPK123	GP KIT #123	KIT, VALVE	40.34
GPK124	GP KIT #124	KIT, VALVE CAP, EZ	52.88
GPK125	GP KIT #125	KIT 125 PACKING RETAINER	25.20
GPK126	GP KIT #126	KIT 126	25.20
GPK127	GP KIT #127	KIT 127,PACKING ASSEMBLY	47.18
GPK127HP	GP KIT #127HP	KIT,HIGH PRESSURE PACKING	43.04
GPK128	GP KIT #128	KIT, 18MM INTERMEDIATE RI	24.59
GPK129	GP KIT #129	EZ HEAD RINGS,EZ SERIES	6.01
GPK12HP	GP KIT #12HP	KIT 12HP, V-PACKING, 22 x	35.29
GPK130	GP KIT #130	KIT, PACKING ASSY	35.25
GPK130HP	GP KIT #130HP	KIT 130-PACKING ASSEMBLY	28.68

GENERAL PUMP / INTERPUMP REPAIR KITS - NET PRICING

GPK131	GP KIT #131	KIT 131	43.00
GPK132	GP KIT #132	KIT 132 - UNLOADER KIT	19.50
GPK133	GP KIT #133	KIT 133 - VALVE CAP	12.66
GPK134	GP KIT #134	KIT 134 - VALVE REPAIR	20.37
GPK135	GP KIT #135	*PACKING KIT, SINTEX	12.27
GPK136	GP KIT #136	KIT 136-PISTON ROD OIL	14.10
GPK137	GP KIT #137	KIT, REPAIR, ZUI UNLOADER	68.50
GPK139	GP KIT #139	KIT 139	23.81
GPK14	GP KIT #14	KIT 14-PACKING RETAINER	11.23
GPK140	GP KIT #140	KIT 140	15.97
GPK141	GP KIT #141	KIT 141	24.50
GPK142	GP KIT #142	KIT,TRAPPED PRESSURE,	99.27
GPK143	GP KIT #143	*KIT, REPAIR FOR HX VALVE	31.73
GPK146	GP KIT #146	KIT 146 - PACKING	9.92
GPK147	GP KIT #147	KIT 147 - OIL SEAL	11.49
GPK148	GP KIT #148	KIT 148, PACKING REPLACEM	54.44
GPK148RD	GP KIT #148RD	KIT 148RD,PACKING 22MM,	184.48
GPK149	GP KIT #149	KIT 149, INTERMEDIATE RIN	33.38
GPK15	GP KIT #15	KIT 15 HEAD RING 24MM	6.01
GPK150	GP KIT #150	KIT, VALVE, T5050	144.36
GPK151	GP KIT #151	KIT, PACKING, T5050	59.67
GPK152	GP KIT #152	KIT,PACKING RETAINER	54.70
GPK153	GP KIT #153	KIT, SOFT PACKING	64.24
GPK154	GP KIT #154	*KIT,INTERMEDIATE RING	63.58
GPK155	GP KIT #155	KIT,HEAD RING, 13MM	5.05
GPK156	GP KIT #156	KIT, PACKING ASSEMBLY	64.98
GPK158	GP KIT #158	KIT,VALVE CAP,63 HT	88.48
GPK159	GP KIT #159	PISTON ROD OIL SEAL KIT	13.67
GPK16	GP KIT #16	KIT 16 - PACKING 24MM	58.10
GPK160	GP KIT #160	PACKING KIT,15MM	77.90
GPK161	GP KIT #161	PACKING KIT,18MM	77.90
GPK162	GP KIT #162	SEAL RETAINER KIT,15MM	24.46
GPK163	GP KIT #163	SEAL RETAINER KIT,18MM	24.46
GPK164	GP KIT #164	INTERMEDIATE RING KIT,	26.63
GPK165	GP KIT #165	INTERMEDIATE RING KIT,	26.63
GPK166	GP KIT #166	PACKING ASSEMBLY,15MM	45.35
GPK167	GP KIT #167	PACKING ASSEMBLY,18MM	45.35
GPK168	GP KIT #168	KIT,REPAIR,UNLOADER,ZK1	65.93
GPK169	GP KIT #169	VALVE KIT,66 SERIES	108.71
GPK17	GP KIT #17	KIT 17 INTERMEDIATE RINGS	40.47
GPK170	GP KIT #170	20MM PACKING KIT	85.73
GPK171	GP KIT #171	KIT,PACKING,20MM,	63.15
GPK172	GP KIT #172	22MM PACKING KIT,	85.73
GPK173	GP KIT #173	KIT,PACKING,22MM,	63.15
GPK174	GP KIT #174	KIT,SEAL, 16MM (1)	93.79
GPK175	GP KIT #175	*KIT,PACKING,16MM (3)	64.45
GPK176	GP KIT #176	KIT,PACKING,18MM (3)	66.63
GPK177	GP KIT #177	KIT,FLOW,B/I UNLOADER,	61.10
GPK178	GP KIT #178	KIT,REPAIR,UNLDR,ZK3608	33.12

GENERAL PUMP / INTERPUMP REPAIR KITS - NET PRICING

GPK180	GP KIT #180	PACKING KIT,18MM	104.71
GPK181	GP KIT #181	KIT,LP SEAL,HP SEAL,	74.68
GPK182	GP KIT #182	KIT,PACKING,24MM,	63.15
GPK183	GP KIT #183	KIT,UNLDR,BUILT-IN,FLOW	123.29
GPK184	GP KIT #184	KIT,UNLDR,BUILT-IN,TRPPD	64.50
GPK19	GP KIT #19	KIT 19 - PACKING 20MM	30.03
GPK191	GP KIT #191	KIT,REPAIR,UNLOADER,	63.71
GPK192	GP KIT #192	KIT,VALVE,SS,SIX PIECES	100.40
GPK196	GP KIT #196	SEALS,HP,PACKINGS,15MM	36.12
GPK197	GP KIT #197	SEALS,HP,PACKINGS,18MM	43.96
GPK198	GP KIT #198	RING,INTERMEDIATE,15MM	23.15
GPK199	GP KIT #199	RING,INTERMEDIATE,18MM	23.15
GPK19HP	GP KIT #19HP	KIT 19HP, V-PACKING, 20 x	24.46
GPK19RD	GP KIT #19RD	KIT 19RD PACKING 20MM,	75.46
GPK20	GP KIT #20	KIT-20 INTERMEDIATE RING	14.97
GPK200	GP KIT #200	SEALS,LP,15MM 60 SERIES	21.24
GPK201	GP KIT #201	KIT,VALVE,HIGH	61.84
GPK2012	GP KIT #2012	KIT,VALVE,INLET,71 SERIES	251.94
GPK2013	GP KIT #2013	KIT,VALVE,OUTLET,71	255.59
GPK202	GP KIT #202	KIT,SEALS,LP&HP,HIGH	262.64
GPK203	GP KIT #203	KIT,SEAL ASSEMBLY,HIGH	118.55
GPK2030	GP KIT #2030	KIT,VALVE,70 SERIES	472.67
GPK2031	GP KIT #2031	KIT,SEALS,HT,70 SERIES	422.97
GPK2032	GP KIT #2032	KIT,PACKING,HT,70 SERIES	245.89
GPK2033	GP KIT #2033	KIT,SEALS,PACKING,HT	625.86
GPK2034	GP KIT #2034	KIT,PACKING,HT,71 SERIES	300.11
GPK204	GP KIT #204	KIT,SEAL,HIGH PRESSURE,	231.66
GPK205	GP KIT #205	KIT,SEAL ASSEMBLY,63 HT	103.88
GPK206	GP KIT #206	KIT,SEAL,HIGH PRESSURE,	307.47
GPK207	GP KIT #207	KIT,SEAL ASSEMBLY,20MM,	144.49
GPK208	GP KIT #208	KIT,SEAL,HIGH PRESSURE,	307.47
GPK209	GP KIT #209	KIT,SEAL ASSEMBLY,22MM,	144.49
GPK21	GP KIT #21	KIT 21 - HEAD RINGS	6.31
GPK210	GP KIT #210	KIT,SEAL,HIGH PRESSURE,	323.09
GPK211	GP KIT #211	KIT,SEAL ASSEMBLY,24MM,	149.58
GPK212	GP KIT #212	KIT,SEAL,HIGH PRESSURE,	476.85
GPK213	GP KIT #213	KIT,SEAL,ASSEMBLY,69 HT	201.28
GPK214	GP KIT #214	KIT,PACKINGS,63SS,15MM	220.65
GPK215	GP KIT #215	KIT,PACKING,COMPLETE,15MM	158.37
GPK216	GP KIT #216	KIT,PACKING,COMPLETE,18MM	152.58
GPK217	GP KIT #217	KIT,PACKING,SS,20MM,66 SS	188.14
GPK218	GP KIT #218	KIT,PACKING,SS,22MM,66 SS	188.14
GPK219	GP KIT #219	KIT,PACKING,HT,24MM	212.33
GPK22	GP KIT #22	KIT-22 PACKING RETAINER	11.05
GPK220	GP KIT #220	KIT,HOT,VALVE AND SEALS,	196.67
GPK220A	GP KIT #220A	KIT,SEAL,20MM,HOT	128.56
GPK222	GP KIT #222	KIT,SEAL,22MM,HIGH	196.67
GPK225	GP KIT #225	SEALS,LP,18MM 60 SERIES	21.24
GPK226	GP KIT #226	KIT,PACKING,COMPLETE,15MM	27.94

GENERAL PUMP / INTERPUMP REPAIR KITS - NET PRICING

GPK227	GP KIT #227	KIT,PACKING,COMPLETE,18MM	29.85
GPK228	GP KIT #228	KIT,VALVE,SS,SIX PIECES,	152.19
GPK23	GP KIT #23	KIT 23 - PISTON ROD OIL S	13.45
GPK235	GP KIT #235	KIT,ASSEMBLY,UPPER	55.23
GPK236	GP KIT #236	KIT,ASSEMBLY,COMPLETE	81.64
GPK237	GP KIT #237	KIT,ASSEMBLY,INJECTOR	10.84
GPK238	GP KIT #238	KIT,SEAL,HT,20MM	329.40
GPK239	GP KIT #239	KIT,ASSEMBLY,SEAL,HT	208.63
GPK24	GP KIT #24	KIT 24 - PISTON ROD OIL S	15.97
GPK240	GP KIT #240	KIT,ASSEMBLY,SEAL,HT	203.37
GPK243	GP KIT #243	KIT,SEALS,60 SER.,HT	231.66
GPK244	GP KIT #244	KIT,ASSEMBLY,SEAL,60	107.76
GPK25	GP KIT #25	KIT 25- PACKING 22MM	21.19
GPK26	GP KIT #26	KIT 26 - PISTON BOLT	16.54
GPK27	GP KIT #27	KIT 27 - PACKING ASSEMBLY	17.28
GPK27HP	GP KIT #27HP	KIT 27-PACKING ASSEMBLY	19.15
GPK28	GP KIT #28	KIT 28 - PACKING ASSEMBLY	23.28
GPK28HP	GP KIT #28HP	KIT 28-PACKING ASSEMBLY	24.76
GPK29	GP KIT #29	KIT 29 - PACKING ASSEMBLY	25.11
GPK29HP	GP KIT #29HP	KIT 29-PACKING ASSEMBLY	29.64
GPK31	GP KIT #31	KIT 31 PACKING ASSEMBLY	41.78
GPK32	GP KIT #32	KIT 32 - CRANKSHAFT OIL S	14.10
GPK33	GP KIT #33	*KIT 33 - VALUE	40.87
GPK34	GP KIT #34	*KIT 34-ACCUMULATOR ASSEM	58.19
GPK35	GP KIT #35	*KIT 35-PISTON DIAPHRAGM	33.95
GPK37	GP KIT #37	KIT 37 OIL SEAL	18.37
GPK38	GP KIT #38	KIT 38 - 36MM PACKING	58.19
GPK39	GP KIT #39	KIT 39 - PACKING ASSEMBLY	62.23
GPK40	GP KIT #40	KIT 40 PACKING RETAINER 3	61.15
GPK41	GP KIT #41	KIT 41- HEAD RING 36MM	25.20
GPK42	GP KIT #42	*KIT 42-INTERMEDIATE RING	44.17
GPK43	GP KIT #43	KIT 43 - VALVE	147.32
GPK43A	GP KIT #43A	*KIT 43A,O-RING V,190-017	6.96
GPK44	GP KIT #44	KIT 44 - PISTON ROD OIL S	22.89
GPK47	GP KIT #47	KIT 47- PACKING RETAINER	67.24
GPK48	GP KIT #48	KIT 48- HEAD RING 45MM	24.20
GPK50	GP KIT #50	*KIT 50-VALVE MAINTENANCE	21.98
GPK51	GP KIT #51	KIT 51 TIMAX MAINTENANCE	44.52
GPK52	GP KIT #52	KIT 52 PIMATIC/P11 GUN	24.20
GPK54	GP KIT #54	KIT 54 - BOLT KIT	29.38
GPK56	GP KIT #56	*KIT 56-S1 VALVE MAINTENA	9.75
GPK57	GP KIT #57	*KIT,PACKING RETAINER &	59.49
GPK58	GP KIT #58	KIT 58 - K5 MAINTENANCE	48.35
GPK59	GP KIT #59	KIT 59 K3 MAINTENANCE	45.09
GPK60	GP KIT #60	KIT 60 - K5 COMPLETE REBU	70.33
GPK61	GP KIT #61	KIT-61 K3 COMPLETE REBUIL	74.03
GPK62	GP KIT #62	KIT 62 - VALVE (6)	93.96
GPK63	GP KIT #63	KIT 63 - PACKING 30MM	61.71
GPK64	GP KIT #64	KIT 64 PACKING RETAINER 3	68.63

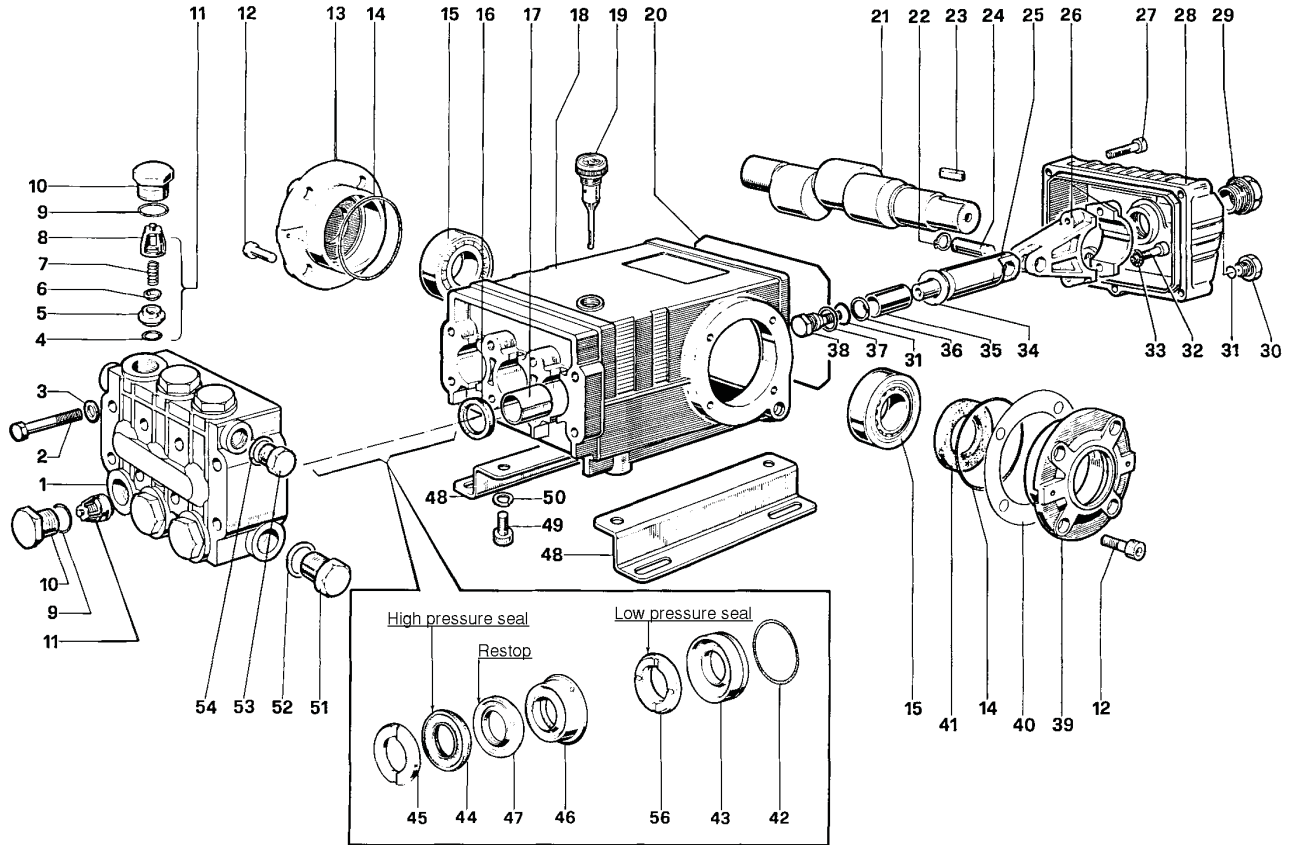
GENERAL PUMP / INTERPUMP REPAIR KITS - NET PRICING

GPK65	GP KIT #65	KIT 65 - HEAD RING 30MM	9.05
GPK66	GP KIT #66	KIT 66-INTERMIDAITE RING	62.36
GPK67	GP KIT #67	KIT 67 - PACKING ASSEMBLY	66.06
GPK69	GP KIT #69	KIT 69, PACKING REPLACEME	48.26
GPK70	GP KIT #70	KIT 70 - K7 MAINTENANCE	70.11
GPK71	GP KIT #71	KIT,INTERMEDIATE RING,	52.62
GPK72	GP KIT #72	KIT 72 - MAINTENANCE	22.89
GPK74	GP KIT #74	KIT 74 PISTON BOLT	69.72
GPK75	GP KIT #75	KIT 75-INTERMEDIATE RING	84.73
GPK76	GP KIT #76	KIT 76-PACKING RETAINER	135.09
GPK77	GP KIT #77	KIT-77 PACKING W/RESTOP 2	71.85
GPK78	GP KIT #78	KIT 78 PACKING ASSEMBLY 2	101.66
GPK78HP	GP KIT #78HP	KIT 78-PACKING ASSEMBLY	83.56
GPK79	GP KIT #79	KIT 79 - PACKING W/RESTOP	89.96
GPK80	GP KIT #80	KIT 80 - PACKING ASSEMBLY	67.72
GPK81	GP KIT #81	KIT 81-INTERMEDIATE RING	88.26
GPK82	GP KIT #82	KIT 82	58.06
GPK82HP	GP KIT #82HP	KIT 82-PACKING ASSEMBLY	42.04
GPK83	GP KIT #83	KIT 83 - OIL SEAL	13.23
GPK84	GP KIT #84	KIT 84 - VALVE CAP	45.35
GPK85	GP KIT #85	KIT 85 - COMPLETE PACKING	11.58
GPK86	GP KIT #86	KIT 86 PACKING RETAINER	15.97
GPK87	GP KIT #87	KIT 87 - PACKING	15.80
GPK88	GP KIT #88	KIT,PACKING,W/RESTOP RING	35.51
GPK88HP	GP KIT #88HP	KIT,HIGH PRESSURE PACKING	35.95
GPK89	GP KIT #89	KIT 89 - INTERMEDIATE RIN	22.98
GPK90	GP KIT #90	KIT 90 HEAD RING (5110005	4.26
GPK91	GP KIT #91	*KIT 91 - PACKING RETAINE	22.98
GPK910	GP KIT #910	KIT 910 CAR WASH LOW PRES	36.21
GPK9101A	GP KIT #9101A	KIT 9101A, CAR WASH PACKI	29.07
GPK911	GP KIT #911	KIT 911-SEAL RETAINER	35.51
GPK92	GP KIT #92	KIT 92 - PACKING ASSY	33.21
GPK93	GP KIT #93	KIT 93-CONTROL SET W2	25.98
GPK939	GP KIT #939	KIT 939-PACKING ASSEMBLY	60.14
GPK94	GP KIT #94	KIT 94 - CONTROL SET	6.57
GPK940	GP KIT #940	KIT 940,PACKING RETAIN	91.52
GPK942	GP KIT #942	KIT,INTERMEDIATE RING	95.18
GPK943	GP KIT #943	*KIT,VALVE CAR WASH	127.91
GPK95	GP KIT #95	KIT 95 - KR UNLOADER	44.00
GPK96	GP KIT #96	KIT 96 - PACKING ASSEMBLY	9.05
GPK967	GP KIT #967	KIT 967,PACKING ASSY,	65.41
GPK969	GP KIT #969	KIT 969, CAR WASH PACKING	49.66
GPK97	GP KIT #97	KIT 97 - PACKING	13.01
GPK98	GP KIT #98	KIT 98 - W1 MAINTENANCE	75.94
GPKEZP	GP KIT #EZP	KIT,EZ 15MM PLUNGER	37.99
GPKEZVOR	GP KIT #EZVOR	KIT,EZ VALVE CAP O-RING	3.79
GPK97V	GP KIT #97V	KIT 97V-PACKING W/	57.14

T Series 47 S – 20 mm x 16 mm

GENERAL PUMP

A member of the Interpump Group



PARTS LIST

ITEM	PART NO.	DESCRIPTION	KIT NO.	QTY.	ITEM	PART NO.	DESCRIPTION	KIT NO.	QTY.	ITEM	PART NO.	DESCRIPTION	KIT NO.	QTY.
1	47120841	Manifold		1	19	98210600	Oil Dip Stick		1	37	96728000	Washer	6	3
	47120941	Manifold, Nickel-Plated (TS2021-N)			20	90392200	O-Ring, Cover		1	38	47219566	Screw, Plunger	6	3
2	99320600	Screw, M8 x 70		8	21	47021735	Crankshaft		1	39	47150022	Cover, Crankcase		1
3	96702000	Washer, M8.4		8	22	90055700	Ring, Snap		6	40	97567800	Shim		2
4	90384100	O-Ring, .674 x .103	1	6	23	91489000	Key		1	41	90164800	Seal, Oil	3	1
5	36200366	Seat, Valve	1	6	24	97738000	Pin, Wrist		3	42	90361600	O-Ring, 1.364 x .070	10, 28	3
6	36200176	Plate, Valve	1	6	25	47050554	Guide, Plunger		3	43	47080570	Retainer, Packing	10, 28	3
7	94737600	Spring	1	6	26	47030001	Rod, Connecting		3	44	90270500	Packing	28, 69	3
8	36200251	Guide, Valve	1	6	27	99191200	Screw, M6 x 30		5	45	47100051	Ring, Head, M20	7, 28	3
9	90384700	O-Ring, .797 x .103	4, 5	6		99183700	Screw, M6 x 14 (T1011)		5	46	47216970	Intermed. Ring	28, 71	3
10	98222000	Cap	4	6	28	47160122	Cover, Crankcase		1	47	90270400	Restop Ring	28, 69, 71	3
	98222200	Cap, Ni-Plated (TS2021-N)	5			47160022	Cover, Crankcase (T1011)			48	47200074	Pump Feet		2
11	36703201	Valve Assembly	1	6	29	97596800	Oil Indicator		1	49	99364400	Screw, M10 x 18		4
12	99303900	Screw, M8 x 16		8	30	98204100	Cap		1	50	96710600	Washer, M10.2		4
13	47150122	Cover, Crankcase	1	8	31	90358500	O-Ring, .426 x .070	6	4	51	98217600	Cap		1
14	90391300	O-Ring, 2.675 x .103		2	32	99309900	Screw, M8 x 35		6	52	96751400	Washer, M21.5		1
15	640047	Bearing, Roller		2	33	96701400	Washer, M8.4		6	53	98210000	Cap		1
16	90162500	Seal, Oil	2	3	34	96728600	Washer, M14		6	54	96738000	Washer, M17.5		1
17	90912600	Bushing		3	35	47040409	Plunger, (20 mm)		3	56	90271000	Seal, Low Press., 20mm	28, 69	3
18	47010522	Crankcase		1	36	90506700	Ring, Back-up		6					

REPAIR KITS

KIT NO.	1	2	3	4	5	6	7	10	28	69	71
ITEM NO.s INCLUDED IN KIT	4, 5, 6, 7, 8 (11)	16	41	9, 10	9, 10	31, 34, 36, 37, 38	45	42, 43	42, 43, 44, 45, 46, 47, 56	44, 47, 56	46, 47
NUMBER OF ASSEMBLIES IN KIT	6	3	2	6	6	3	6	3	1	3	3
NUMBER OF CYLINDERS KIT WILL SERVICE	3	3	-	3	3	3	3	3	1	3	3

MODELS

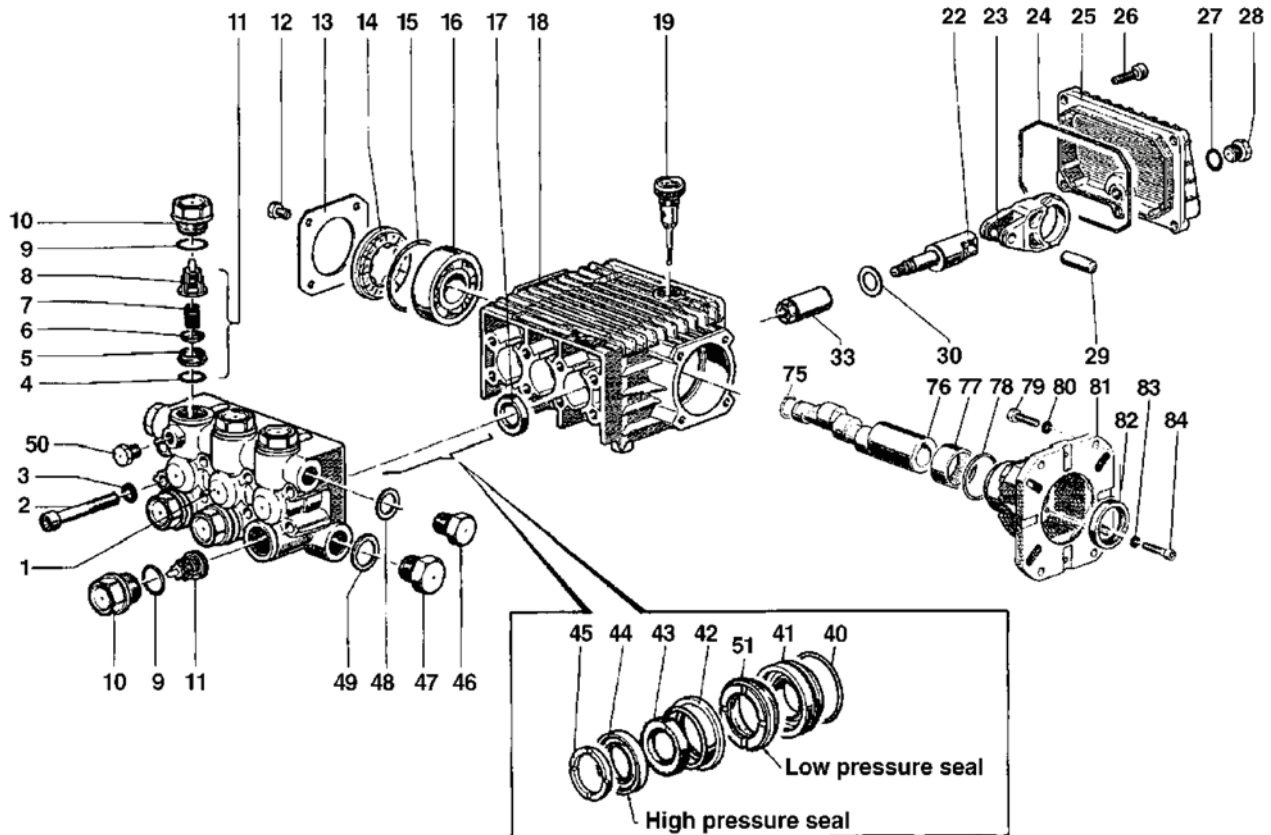
T1011

TS2021-B

TS2021-N

EZ Series 44 G – Triplex

GENERAL PUMP *A member of the Interpump Group*



PARTS LIST

Item	Part No.	Description	Kit No.	Qty.	Item	Part No.	Description	Kit No.	Qty.	Item	Part No.	Description	Kit No.	Qty.
1.	44.1206.41	Manifold		1	22.	44.0501.66	Piston Guide		3	49.	96.7514.00	Washer		1
2.	99.3175.00	Screw		8	23.	44.0300.22	Connecting Rod		3	50.	98.1966.00	Cap Screw		1
3.	96.7014.00	Washer		8	24.	90.3920.00	O-Ring		1	51.	90.2603.00	Seal, Low Pressure	153,156	3
4.	90.3841.00	O-Ring	123	6	25.	44.1600.22	Rear Cover		1	75.	90.0635.00	Retaining Ring		1
5.	36.2003.66	Valve Seat	123	6	26.	99.1837.00	Screw		5	76.	44.0221.65	Crankshaft (EZ4040G34)		1
6.	36.2001.76	Valve	123	6	27.	90.3585.00	O-Ring		1		44.0212.65	Crankshaft (EZ4035G34)		1
7.	94.7376.00	Spring	123	6	28.	98.2041.00	Cap Screw		1		44.0209.65	Crankshaft (EZ4030G34)		1
8.	36.2025.51	Valve Cage	123	6	29.	97.7340.00	Pin		3	77.	91.8568.00	Roller Bearing		1
9.	90.3847.00	O-Ring	124	6	30.	96.6967.00	Washer		3	78.	90.4097.00	O-Ring		1
10.	98.2226.00	Cap Screw	124	6	33.	44.0402.66	Plunger, 13 mm		3	79.	99.2755.00	Screw, 5/16x1		4
11.	36.7115.01	Valve Assembly	123	6	40.	90.3612.00	O-Ring	152, 156	3		99.3345.00	Screw, 3/8x1		4
12.	99.1807.00	Screw		4	41.	44.0803.70	Packing Retainer	152, 156	3	80.	96.7020.00	Washer, Ø8 mm		4
13.	50.1500.74	Bearing Cover		1	42.	44.2162.70	Intermediate Ring	154, 156	3		96.7104.00	Washer, Ø10 mm		4
14.	44.2118.01	Spacer		1	43.	90.5076.00	Packing	153, 156	3	81.	10.0518.22	Gas Flange		1
15.	90.4097.00	O-Ring		1	44.	90.2602.00	Packing	153, 156	3	82.	90.1690.00	Oil Seal		1
16.	91.8328.00	Ball Bearing		1	45.	44.1002.51	Head Ring	155, 156	3	83.	96.6938.00	Washer		4
17.	90.1614.00	Oil Seal	23	3	46.	98.2100.00	Cap Screw		1	84.	99.1912.00	Screw		4
18.	44.0100.22	Crankcase		1	47.	98.2176.00	Cap Screw		1					
19.	98.2103.00	Oil Dip Stick		1	48.	96.7380.00	Washer		1					

REPAIR KITS

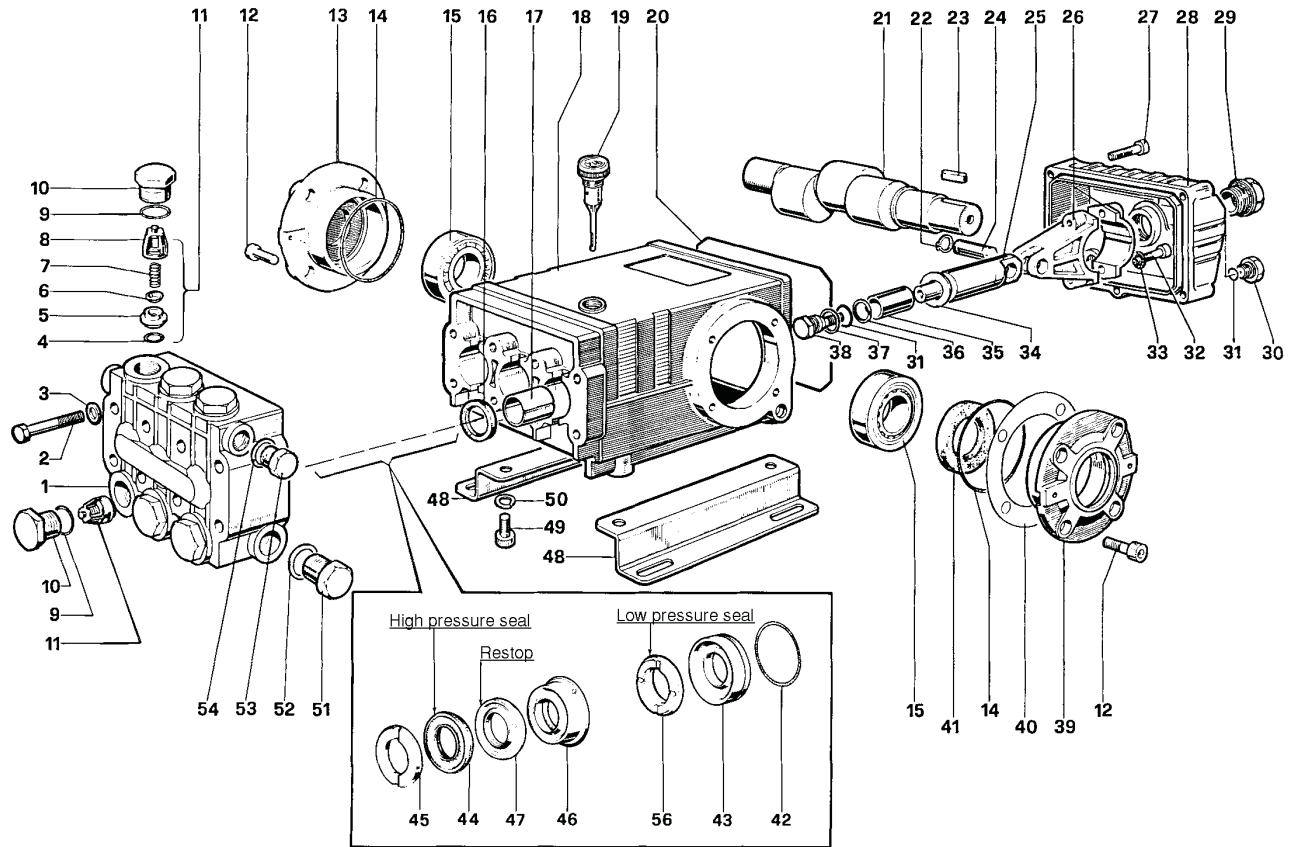
KIT NO.	23	123	124	152	153	154	156
ITEM NO'S INCLUDED IN KIT	17	4, 5, 6 7, 8, (11)	9, 10	40, 41	43, 44 51	42	40, 41, 42 43, 44, 46 51
NUMBER OF ASSEMBLIES IN KIT	3	6	6	3	3	3	1
NUMBER OF CYLINDERS KIT WILL SERVICE	3	3	3	3	3	3	1

MODELS
EZ4040G
EZ4035G

T Series 47 S – 20 mm x 12 mm

GENERAL PUMP

A member of the Interpump Group



PARTS LIST

ITEM PART NO.	DESCRIPTION	KIT NO.	QTY.	ITEM PART NO.	DESCRIPTION	KIT NO.	QTY.	ITEM PART NO.	DESCRIPTION	KIT NO.	QTY.
1. 47120841	Manifold		1	19. 98210600	Oil Dip Stick		1	37. 96728000	Washer	6	3
47120941	Manifold, Nickel-Plated (TS2011-N)			20. 90392200	O-Ring, Cover		1	38. 47219566	Screw, Plunger	6	3
2. 99320600	Screw, M8 x 70		8	21. 47021835	Crankshaft		1	39. 47150022	Cover, Crankcase		1
3. 96702000	Washer, M8.4		8	22. 90055700	Ring, Snap		6	40. 97567800	Shim		2
4. 90384100	O-Ring, .674 x .103	1	6	23. 91489000	Key		1	41. 90164800	Seal, Oil	3	1
5. 36200366	Seat, Valve	1	6	24. 97738000	Pin, Wrist		3	42. 90361600	O-Ring, 1.364 x .070	10, 28	3
6. 36200176	Plate, Valve	1	6	25. 47050554	Guide, Plunger		3	43. 47080570	Retainer, Packing	10, 28	3
7. 94737600	Spring	1	6	26. 47030001	Rod, Connecting		3	44. 90270500	Packing	28, 69	3
8. 36200251	Guide, Valve	1	6	27. 99191200	Screw, M6 x 30		5	45. 47100051	Ring, Head, M20	7, 28	3
9. 90384700	O-Ring, .797 x .103	4, 5	6	99183700	Screw, M6 x 14 (TS1011)		5	46. 47216970	Intermed. Ring	28, 71	3
10. 98222000	Cap	4	6	28. 47160122	Cover, Crankcase		1	47. 90270400	Restop Ring	28, 69, 71	3
98222200	Cap, Ni-Plated (TS2011-N)	5		47160022	Cover, Crankcase (TS1011)			48. 47200074	Pump Feet		2
11. 36703201	Valve Assembly	1	6	29. 97596800	Oil Indicator		1	49. 99364400	Screw, M10 x 18		4
12. 99303900	Screw, M8 x 16		8	30. 98204100	Cap		1	50. 96710600	Washer, M10.2		4
13. 47150122	Cover, Crankcase		1	31. 90358500	O-Ring, .426 x .070	6	4	51. 98217600	Cap		1
14. 90391300	O-Ring, 2.675 x .103		2	32. 99309900	Screw, M8 x 35		6	52. 96751400	Washer, M21.5		1
15. 640047	Bearing, Roller		2	33. 96701400	Washer, M8.4		6	53. 98210000	Cap		1
16. 90162500	Seal, Oil	2	3	34. 96728600	Washer, M14		6	54. 96738000	Washer, M17.5		1
17. 90912600	Bushing		3	35. 47040409	Plunger, (20 mm)		3	56. 90271000	Seal, Low Press., 20mm	28, 69	3
18. 47010522	Crankcase		1	36. 90506700	Ring, Back-up		6				

REPAIR KITS

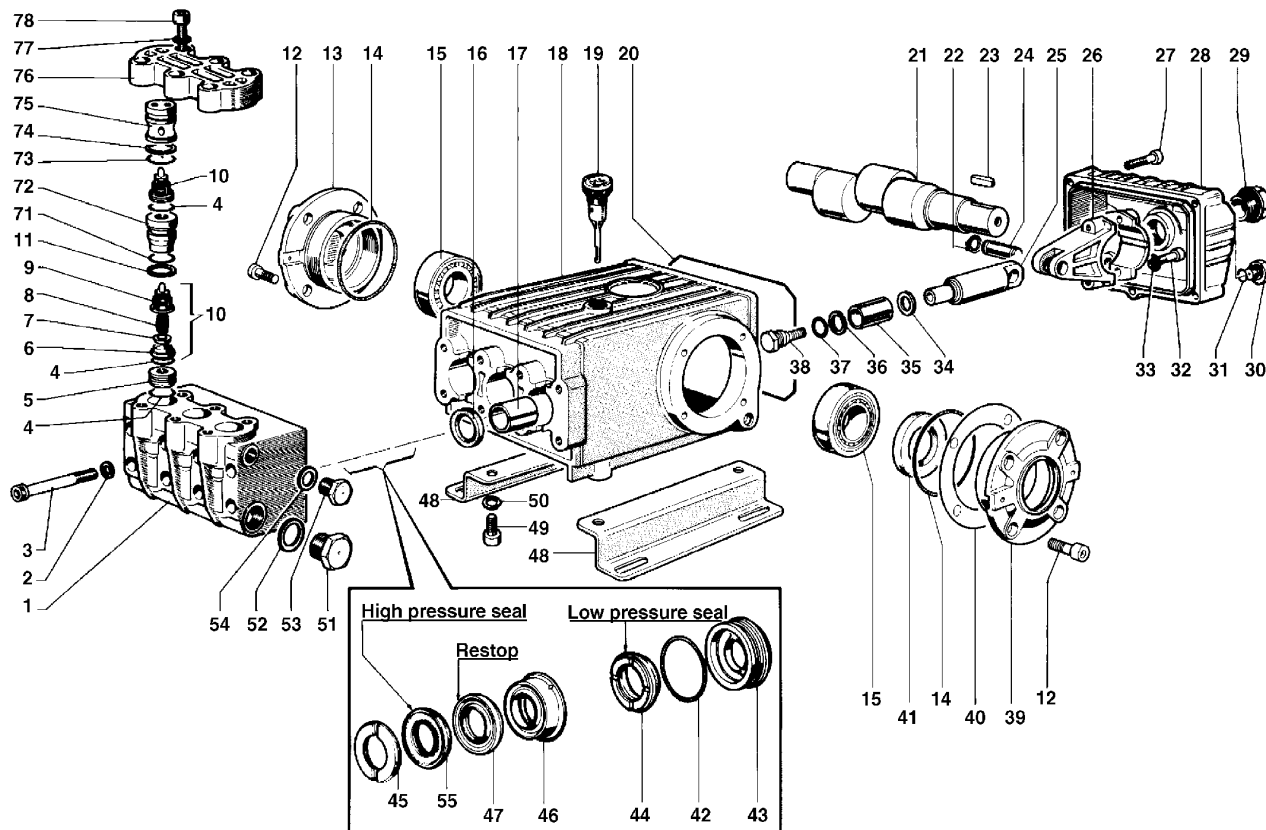
KIT NO.	1	2	3	4	5	6	7	10	28	69	71
ITEM NO.s INCLUDED IN KIT	4, 5 6, 7, 8 (11)	16	41	9, 10	9, 10	31, 34, 36, 37, 38	45	42, 43	42, 43, 44, 45, 46, 47, 56	44, 47, 56	46, 47
NUMBER OF ASSEMBLIES IN KIT	6	3	2	6	6	3	6	3	1	3	3
NUMBER OF CYLINDERS KIT WILL SERVICE	3	3	-	3	3	3	3	3	1	3	3

MODELS

TS1011

TS1511

TS2011-N



PARTS LIST

ITEM PART NO.	DESCRIPTION	KIT NO.	QTY.	ITEM PART NO.	DESCRIPTION	KIT NO.	QTY.	ITEM PART NO.	DESCRIPTION	KIT NO.	QTY.	
1.	47121641	Manifold	1	22.	90055700	Cir-Clip	6	43.	47081170	Packing Retainer	151	3
2.	96702000	Washer	8	23.	91489000	Key	1	44.	90264400	Seal, Low Press., 16mm	109,151	3
3.	99326000	Bolt	8	24.	97738000	Plunger Pin	3	45.	47100351	Head Ring	108,151	3
4.	90384100	O-Ring	9	25.	47050654	Plunger Guide	3	46.	47217270	Intermed. Ring	110,151	3
5.	47210470	Spacer	3	26.	47030001	Connecting Rod	3	47.	90264300	Restop Ring	109,151	3
6.	36200366	Seat, Valve	6	27.	99191200	Screw	5	48.	47200074	Foot		2
7.	36203266	Plate, Valve	6	28.	47160122	Crankcase Cover	1	49.	99364400	Screw		4
8.	94737600	Spring, Valve	6	29.	97596800	Oil Indicator	1	50.	96710600	Washer		4
9.	36202551	Cage, Cage	6	30.	98204100	Cap	1	51.	98217600	Cap		1
10.	36712101	Valve	150	31.	90358500	O-Ring	1	52.	96751400	Washer		1
11.	90511500	Back-up Ring	3	32.	99309900	Screw	6	53.	98210000	Cap		1
12.	99303900	Screw	8	33.	96701400	Washer	6	54.	96738000	Washer		1
13.	47150122	Crankcase Cover	1	34.	47210270	Ring	3	55.	90264200	Packing	109,151	3
14.	90391300	O-Ring	2	35.	47040856	Plunger (16 mm)	3	71.	90384300	O-Ring		3
15.	91837700	Bearing	2	36.	90503300	Anit-Ext. Ring	3	72.	47210366	Guide, Valve		3
16.	90162500	Ring	2	37.	90357700	O-Ring	3	73.	90404100	O-Ring		3
17.	90912600	Bushing	3	38.	47219666	Plunger Screw	3	74.	90514600	Anti-Extrusion Ring		3
18.	47010622	Crankcase	1	39.	47150022	Crankcase Cover	1	75.	47210170	Cap		3
19.	98210600	Cap	1	40.	97567800	Shim	2	76.	47210041	Cover, Valve		1
20.	90392200	O-Ring, Cover	1	41.	90164800	Ring	3	77.	96719500	Washer		6
21.	47022335	Crankshaft	1	42.	90361600	O-Ring	151	78.	99428200	Bolt		6

REPAIR KITS

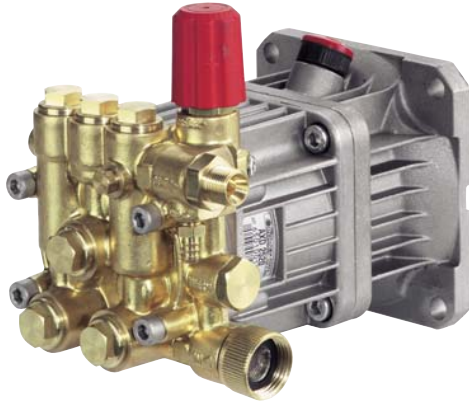
KIT NO.	2	3	108	109	110	150	151
ITEM NO.s INCLUDED IN KIT	16	41	45	44, 47, 55	46	10	42, 43, 44, 45, 46, 47, 55
NUMBER OF ASSEMBLIES IN KIT	3	2	6	3	3	6	1
NUMBER OF CYLINDERS KIT WILL SERVICE	3	2	6	3	3	—	1



AXS/D

Series Pumps-Electric

1750 & 3400 RPM – 5/8" & 3/4" Hollow Shaft



- 3/4" FGH Inlet – 3/8" MPT Outlet
- Built-in Uniflow Unloader and Chemical Injector
- Ceramic Plungers
- Built-in Garden Hose Adapter
- Industrial Duty Construction for Extended Life
- Stainless Steel Check Valves
- Forged Brass Manifold
- Patent Registered Ball Bearing Design
- NEMA 56C Electric Motor Flange
- Optional Built-in Thermal Protector & Pressure Relief

<u>MODEL #</u>	<u>GPM</u>	<u>PSI</u>	<u>RPM</u>	<u>SHAFT</u>	<u>WT.</u>
AXS 0415 E	0.4	1500	1750	5/8" Hollow	12.0
AXS 0615 E	0.6	1500	1750	5/8" Hollow	12.0
AXS 1015 E	0.9	1500	1750	5/8" Hollow	12.0
AXS 1315 E	1.3	1500	1750	5/8" Hollow	12.0
AXS 2015 E	1.7	1500	1750	5/8" Hollow	12.0
AXD 2020 E	1.7	2000	3400	5/8" Hollow	12.0
AXD 2020 E	1.9	2000	3400	5/8" Hollow	12.0
AXD 2520 E	2.5	2000	3400	5/8" Hollow	12.0
AXD 3020 E	2.9	2000	3400	5/8" Hollow	12.0
AXD 3020 GE	2.9	2000	3400	3/4" Hollow	12.0
AXD 2527 GE	2.5	2700	3400	3/4" Hollow	12.0

AXD

Series Pumps-Gas



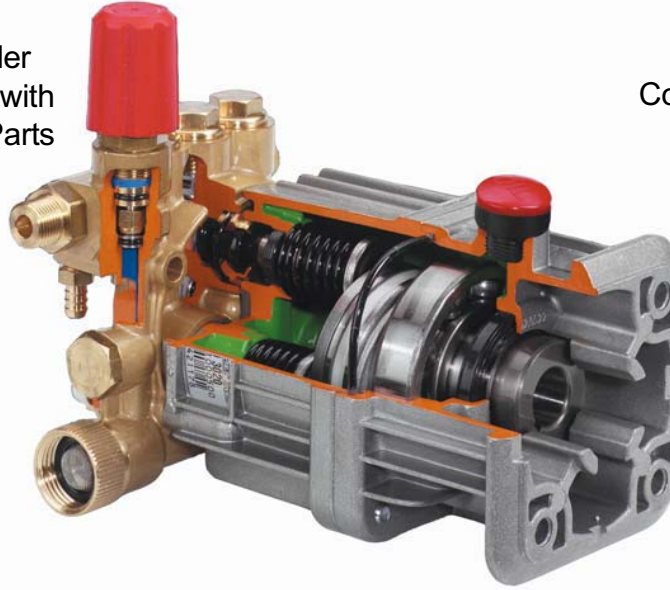
3400 RPM – 1" Hollow Shafts

- 3/4" FGH Inlet – 3/8" MPT Outlet
- Built-in Uniflow Unloader and Chemical Injector
- Ceramic Plungers
- Built-in Garden Hose Adapter
- Industrial Duty Construction for Extended Life
- Stainless Steel Check Valves
- Forged Brass Manifold
- Patent Registered Ball Bearing Design
- Optional Built-in Thermal Protector & Pressure Relief

<u>MODEL #</u>	<u>GPM</u>	<u>PSI</u>	<u>RPM</u>	<u>SHAFT</u>	<u>WT.</u>
AXD 3030 G	2.9	3000	3400	1" Hollow	14.5
AXD 3530 G	3.3	3000	3400	1" Hollow	14.5
AXD 4030 G	3.7	3000	3400	1" Hollow	14.5

AX SERIES Commercial-Duty Axial Pumps

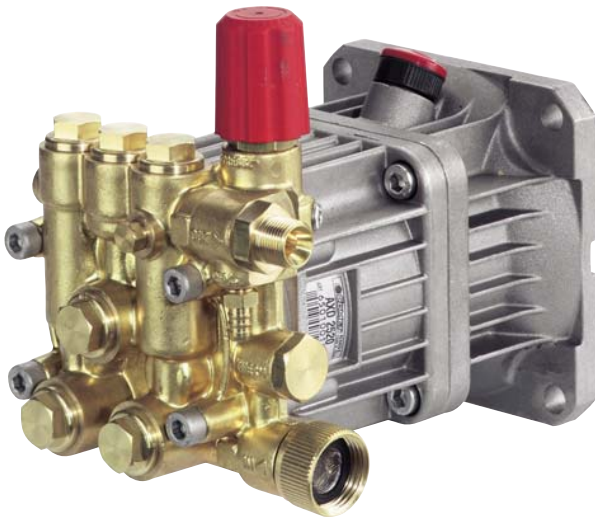
- Built-in Uniflow Unloader and Chemical Injector with Inner Stainless Steel Parts
- Abrasion Proof, Heat Resistant, Industrial Ceramic Plungers
- Stainless Steel Unitized Check Valves
- Forged Brass Manifold



- Industrial Duty Construction for Extended Life
- Patent Registered Ball Bearing Design
- Built-in Garden Hose Adapter
- Double-Sealing Buna-Textile V-Packing
- Optional Built-in Thermal Protector & Pressure Relief Valve

AXD

Series Pumps-Gas



3400 RPM – 3/4" Hollow Shaft

- 3/4" FGH Inlet – 3/8" MPT Outlet
- Built-in Uniflow Unloader and Chemical Injector
- Ceramic Plungers
- Built-in Garden Hose Adapter
- Industrial Duty Construction for Extended Life
- Stainless Steel Check Valves
- Forged Brass Manifold
- Patent Registered Ball Bearing Design
- Optional Built-in Thermal Protector & Pressure Relief

MODEL #	GPM	PSI	RPM	SHAFT	WT.
AXD 3020 G	2.7	2000	3400	3/4" Hollow	12.0
AXD 3522 G	3.3	2200	3400	3/4" Hollow	12.0
AXD 2524 G-T	2.4	2400	3400	3/4" Hollow	12.0
AXD 2524 G	2.4	2400	3400	3/4" Hollow	12.0
AXD 3025 G	2.9	2500	3400	3/4" Hollow	12.0
AXD 3525 G	3.3	2500	3400	3/4" Hollow	12.0
AXD 2427 G	2.4	2700	3400	3/4" Hollow	12.0
AXD 2527 G-T	2.5	2700	3400	3/4" Hollow	12.0
AXD 2527 G	2.5	2700	3400	3/4" Hollow	12.0

“T” Denotes Stainless Steel Pistons

BX SERIES Commercial-Duty Axial Pumps

3400 RPM – 3/4" Hollow Shaft



- 1/2" Inlet – 3/8" MPT Outlet
- Built-in Uniflow Unloader and Chemical Injector
- Built-in Easy Start
- Quick Mount Flange
- Stainless Steel Plungers (Ceramic Optional)
- Steel Shaft with Built-in Key
- One Oil Cap for Travel and Operation
- Stainless Steel Check Valves
- Forged Brass Manifold
- Patent Registered Ball Bearing Design
- Optional Built-in Thermal Protector & Press. Relief
- Optional Built-in Garden Hose Adapter

MODEL #	GPM	PSI	RPM	SHAFT	WT.
BXD 2220 G	2.2	2000	3400	3/4" Hollow	11.0
BXD 3020 G	2.8	2000	3400	3/4" Hollow	11.0
BXD 2525 G	2.2	2500	3400	3/4" Hollow	11.0
BXD 3025 G	2.8	2500	3400	3/4" Hollow	11.0
BXD 2527 G	2.4	2700	3400	3/4" Hollow	11.0

BXD Repair Kits

- 5019.0667.00** Seal Kit, Water
- 5025.0027.00** Check Valve Kit
- 1215.0403.00** Unloader Valve Kit

3400 RPM-NEMA 56C-5/8" Hollow Shaft



- 1/2" Inlet – 3/8" MPT Outlet
- Built-in Uniflow Unloader and Chemical Injector
- Built-in Easy Start
- Stainless Steel Plungers (Ceramic Optional)
- Steel Shaft with Built-in Key
- One Oil Cap for Travel and Operation
- Stainless Steel Check Valves
- Forged Brass Manifold
- Patent Registered Ball Bearing Design
- Optional Built-in Thermal Protector & Press. Relief
- Optional Built-in Garden Hose Adapter

MODEL #	GPM	PSI	RPM	SHAFT	WT.
BXD 2020 E	1.9	2000	3400	5/8" Hollow	11.0
BXD 2520 E	2.5	2000	3400	5/8" Hollow	11.0
BXD 3020 E	2.8	2000	3400	5/8" Hollow	11.0

BXD Repair Kits

- 5019.0671.00** Seal Kit, Water
- 5025.0027.00** Check Valve Kit
- 1215.0401.00** Unloader Valve Kit

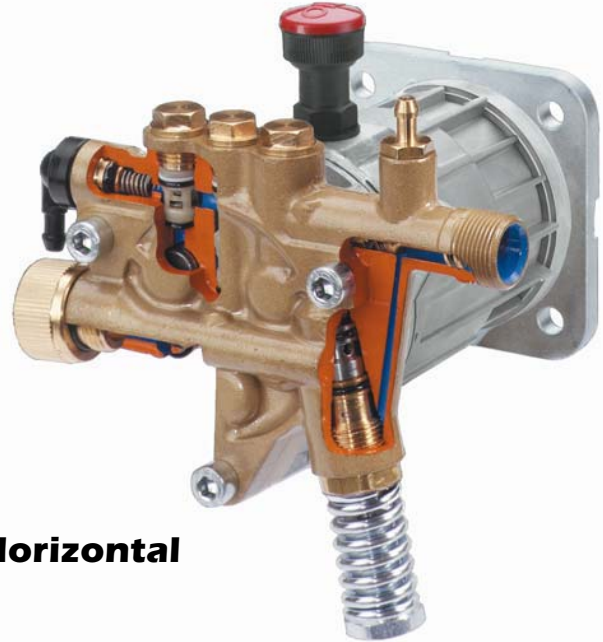
VRX

Consumer Series Pumps



•Vertical

- Brass Head
- Special Aluminum Alloy Head with High Resistance to Corrosion (VRX 2017 V only)
- Built in Unloader with Chemical Injector
- Built in Easy Start
- High Efficiency Suction-Delivery Valves



•Horizontal

- Stainless Steel Plungers
- Aluminum Crankcase without Need of Oil Replacement
- Thermal Relief Valve (Optional)
- Garden Hose Tail (Optional Brass or Plastic)

VRX

Vertical Pumps

<u>MODEL #</u>	<u>GPM</u>	<u>PSI</u>	<u>RPM</u>	<u>SHAFT</u>	<u>PISTON</u>	<u>WT.</u>
VRX 2017 V L46 AL ES	2.0	1700	3200	7/8"	14mm	5.3
VRX 2017 V L46 AL	2.1	1700	3400	7/8"	14mm	5.3
VRX 2017 V L80 AL	2.0	1700	3200	7/8"	14mm	5.3
VRX 2022 V L46	2.0	2200	3200	7/8"	14mm	7.7
VRX 2022 V L80	2.0	2200	3200	7/8"	14mm	7.7
VRX 2422 V L80	2.3	2200	3200	7/8"	14mm	7.7

VRX

Horizontal Pumps

<u>MODEL #</u>	<u>GPM</u>	<u>PSI</u>	<u>RPM</u>	<u>SHAFT</u>	<u>PISTON</u>	<u>WT.</u>
VRX 2522 G	2.4	2200	3400	3/4"	14mm	7.7
VRX 2524 G	2.4	2400	3400	3/4"	14mm	7.7
VRX 2225 G TR	2.2	2500	3400	3/4"	14mm	7.7
VRX 2527 G	2.5	2700	3400	3/4"	14mm	7.7

VRX Repair Kits (Kits also on Pages 25 & 26)

5026.0260.00	Piston Kit, All VRX Pumps	5026.0257.00	Valve Kit, 2200 PSI
5026.0256.00	Piston Seal Kit, 2200+ PSI	5026.0263.00	Valve Kit, 1700 PSI
5026.0265.00	Piston Seal Kit, 1700 PSI	5026.0270.00	Valve Kit, 2400+ PSI

LW SERIES Industrial Duty Plunger Pumps

- Forged Bronze Connecting Rods with Lifetime Warranty
- Hardened Stainless Steel Piston Guides
- High Efficiency Stainless Steel Check Valves
- Abrasion Proof, Heat Resistant, Industrial Ceramic Plungers
- High Quality Buna-Textile Double-Sealing V-Packings
- Solid or Hollow Shaft



- Reversible Crankshaft for Easy Right or Left Hand Mounting
- Die-Cast, Anodized Aluminum Crankshaft-Fin Design for Optimal Operating Temperature
- Flange for Direct Mounting to Gas Engines or Electric Motors
- High Quality Oversized Ball Bearings
- Optimal Oil Bath for High Speed Operation

LW Series Pumps-Solid Shaft



1450 RPM - 24mm Solid Shaft

- 1/2" FPT Inlet, 3/8" FPT Discharge
- Anodized, Die-Cast Aluminum Crankcase
- Solid Ceramic Plungers
- Stainless Steel Check Valves & Piston Guides
- Buna-Textile V-Packings
- Reversible Crankcase for Right or Left Hand Mounting
- 24mm Solid, Keyed Shaft

MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT.
LW 0509 S	0.5	1500	1450	24mm Solid	15mm	13.4
LW 1009 S	1.0	1500	1450	24mm Solid	18mm	13.4
LW 1509 S	1.5	1500	1450	24mm Solid	18mm	13.4
LW 2020 S	2.1	2000	1450	24mm Solid	15mm	13.4
LW 3020 S	3.0	2000	1450	24mm Solid	18mm	13.4
LW 3025 S	3.0	2500	1450	24mm Solid	18mm	13.4
LW 3525 S	3.5	2500	1450	24mm Solid	18mm	13.4

LW Series Mounting Rail Kits

- 5011.0184.00** Standard Rail Kit for LW Series Pumps
- 5011.0216.00** Tall Rail Kit for LW Series Pumps

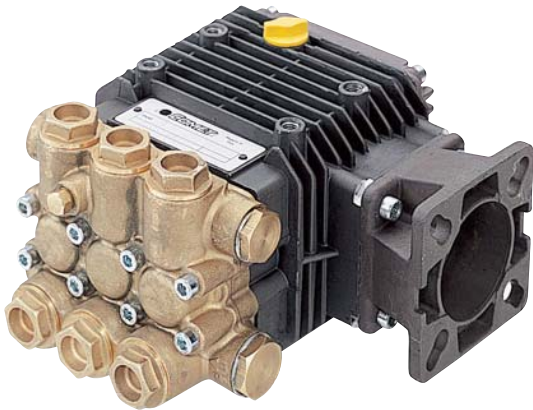
LW Series Repair Kits

- 5019.0035.00** LW Seal Kit, 15mm
- 5019.0037.00** LW Seal Kit, 18mm
- 5019.0040.00** LW Oil Seal Kit Solid Shaft
- 2409.0071.00** LW Piston Kit, 15mm
- 2409.0072.00** LW Piston Kit, 18mm
- 5025.0011.00** LW Check Valve Kit

LWD

Series Pumps-Gas

3400 RPM - Gas Engine Flange



- 1/2" FPT Inlet, 3/8" FPT Discharge
- Anodized, Die-Cast Aluminum Crankcase
- Solid Ceramic Plungers
- Stainless Steel Check Valves & Piston Guides
- Buna-Textile V-Packings
- Reversible Crankcase for Right or Left Hand Mounting
- Gas Engine Mounting Flange with 3/4" Hollow Shaft

<u>MODEL #</u>	<u>GPM</u>	<u>PSI</u>	<u>RPM</u>	<u>SHAFT</u>	<u>PISTON</u>	<u>WT.</u>
LWD 2020 G	2.1	2000	3400	3/4" Hollow	15mm	13.4
LWD 2520 G	2.5	2000	3400	3/4" Hollow	15mm	13.4
LWD 3020 G	3.0	2200	3400	3/4" Hollow	15mm	13.4
LWD 3522 G	3.5	2200	3400	3/4" Hollow	15mm	13.4
LWD 3025 G	3.0	2500	3400	3/4" Hollow	15mm	13.4
LWD 2525 G	2.5	2700	3400	3/4" Hollow	15mm	13.4

LWD

Series Pumps-Gas

3400 RPM - Gas Engine Flange



- 1/2" FPT Inlet, 3/8" MPT Discharge
- Built-in Unloader and Adjustable Chemical Injector
- Anodized, Die-Cast Aluminum Crankcase
- Solid Ceramic Plungers
- Stainless Steel Check Valves & Piston Guides
- Buna-Textile V-Packings
- Reversible Crankcase for Right or Left Hand Mounting
- Gas Engine Mounting Flange with 3/4" Hollow Shaft

Pump with Built-In Unloader

<u>MODEL #</u>	<u>GPM</u>	<u>PSI</u>	<u>RPM</u>	<u>SHAFT</u>	<u>PISTON</u>	<u>WT.</u>
LWD 2020 G-K	2.1	2000	3400	3/4" Hollow	15mm	16.5
LWD 2520 G-K	2.5	2000	3400	3/4" Hollow	15mm	16.5
LWD 3020 G-K	3.0	2000	3400	3/4" Hollow	15mm	16.5
LWD 3025 G-K	3.0	2500	3400	3/4" Hollow	15mm	16.5
LWD 3025 G-RF	3.0	2500	3400	3/4" Hollow	15mm	16.5
LWD 2525 G-K	2.5	2700	3400	3/4" Hollow	15mm	16.5
LWD 2525 G-K*	2.5	2700	3400	3/4" Hollow	15mm	16.5
LWD 2527 G-RF	2.5	2700	3400	3/4" Hollow	15mm	16.5

***Fixed injector
RF-Bolt-on Unloader**

LW Series Repair Kits

5019.0035.00	LW Seal Kit, 15mm	5026.0130.00	Unloader Rebuild Kit
2409.0071.00	LW Piston Kit, 15mm	5026.0123.00	Unloader Maintenance Kit
5025.0011.00	Check Valve Kit	5019.0041.00	LW Oil Seal Kit Hollow Shaft

LWD

Series Pumps-Solid Shaft



- 1/2" FPT Inlet, 3/8" FPT Discharge
- Anodized, Die-Cast Aluminum Crankcase
- Solid Ceramic Plungers
- Stainless Steel Check Valves & Piston Guides
- Buna-Textile V-Packings
- Reversible Crankcase for Right or Left Hand Mounting
- 24mm Solid, Keyed Shaft

MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT.
LWD 3020 S	3.0	2000	3400	24mm Solid	15mm	13.4
LWD 3522 S	3.5	2200	3400	24mm Solid	15mm	13.4
LWD 3025 S	3.0	2500	3400	24mm Solid	15mm	13.4

LW Series Mounting Rail Kits

- 5011.0184.00** Mounting Rail Kit for LW Series Pumps
5011.0216.00 Tall Rail Kit for LW Series Pumps

LW Series Repair Kits

- 5019.0035.00** LW Seal Kit, 15mm **2409.0071.00** LW Piston Kit, 15mm
5019.0040.00 LW Oil Seal Kit Solid Shaft **5025.0011.00** Check Valve Kit

LWD

Series Pumps-Electric



- 1/2" FPT Inlet, 3/8" FPT Discharge
- Anodized, Die-Cast Aluminum Crankcase
- Solid Ceramic Plungers
- Stainless Steel Check Valves & Piston Guides
- Buna-Textile V-Packings
- Reversible Crankcase for Right or Left Hand Mounting
- NEMA 56C Electric Motor Flange with 5/8" or 3/4" Hollow Shaft

MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT.
LWD 2020 E	2.1	2000	3400	5/8" Hollow	15mm	13.4
LWD 2020 E-K	2.1	2000	3400	5/8" Hollow	15mm	13.4
LWD 3020 E	3.0	2000	3400	5/8" Hollow	15mm	13.4
LWD 3522 E	3.5	2200	3400	5/8" Hollow	15mm	13.4
LWD 3522 GE	3.5	2200	3400	3/4" Hollow	15mm	13.4

LW Series Repair Kits

- 5019.0035.00** LW Seal Kit, 15mm **5026.0130.00** Unloader Rebuild Kit
2409.0071.00 LW Piston Kit, 15mm **5026.0123.00** Unloader Maintenance Kit
5025.0011.00 Check Valve Kit **5019.0041.00** LW Oil Seal Kit Hollow Shaft

LWS

Series Pumps-Solid Shaft



- 1/2" FPT Inlet, 3/8" FPT Discharge
- Anodized, Die-Cast Aluminum Crankcase
- Solid Ceramic Plungers
- Stainless Steel Check Valves & Piston Guides
- Buna-Textile V-Packings
- Reversible Crankcase for Right or Left Hand Mounting
- 24mm Solid, Keyed Shaft

<u>MODEL #</u>	<u>GPM</u>	<u>PSI</u>	<u>RPM</u>	<u>SHAFT</u>	<u>PISTON</u>	<u>WT</u>
LWS 0609 S	0.6	1500	1750	24mm Solid	15mm	13.4
LWS 1209 S	1.2	1500	1750	24mm Solid	18mm	13.4
LWS 1809 S	1.8	1500	1750	24mm Solid	18mm	13.4
LWS 2020 S	2.2	2000	1750	24mm Solid	15mm	13.4
LWS 3020 S	3.1	2000	1750	24mm Solid	18mm	13.4
LWS 4020 S	4.0	2000	1750	24mm Solid	18mm	13.4
LWS 3025 S	3.2	2500	1750	24mm Solid	18mm	13.4
LWS 3525 S	3.5	2500	1750	24mm Solid	18mm	13.4

Pump with Built-In Unloader

LWS 3025 S-K	3.2	2500	1750	24mm Solid	18mm	
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LW Series Mounting Rail Kits

5011.0184.00 Mounting Rail Kit for LW Series Pump

5011.0216.00 Tall Rail Kit for LW Series Pump

LW Series Repair Kits

5019.0035.00	LW Seal Kit, 15mm	2409.0071.00	LW Piston Kit, 15mm
5019.0037.00	LW Seal Kit, 18mm	2409.0072.00	LW Piston Kit, 18mm
5019.0040.00	LW Oil Seal Kit Solid Shaft	5025.0011.00	Check Valve Kit

LWS

Series Pumps-Electric



- 1/2" FPT Inlet, 3/8" FPT Discharge
- Anodized, Die-Cast Aluminum Crankcase
- Solid Ceramic Plungers
- Stainless Steel Check Valves & Piston Guides
- Buna-Textile V-Packings
- Reversible Crankcase for Right or Left Hand Mounting
- NEMA 56C Electric Motor Flange with 5/8" Hollow Shaft

<u>MODEL #</u>	<u>GPM</u>	<u>PSI</u>	<u>RPM</u>	<u>SHAFT</u>	<u>PISTON</u>	<u>WT</u>
LWS 0609 E	0.6	1500	1750	5/8" Hollow	15mm	13.4
LWS 1209 E	1.2	1500	1750	5/8" Hollow	18mm	13.4
LWS 1809 E	1.8	1500	1750	5/8" Hollow	18mm	13.4
LWS 0409 GE	0.4	1500	1750	3/4" Hollow	18mm	13.4
LWS 2020 E	2.2	2000	1750	5/8" Hollow	15mm	13.4
LWS 3020 E	3.0	2000	1750	5/8" Hollow	18mm	13.4
LWS 3020 E-K *	3.0	2000	1750	5/8" Hollow	18mm	13.4
LWS 3520 E	3.6	2000	1750	5/8" Hollow	18mm	13.4

*Built-in Unloader

LW Series Repair Kits

5019.0035.00	LW Seal Kit, 15mm	2409.0071.00	LW Piston Kit, 15mm
5019.0037.00	LW Seal Kit, 18mm	2409.0072.00	LW Piston Kit, 18mm
5019.0041.00	LW Oil Seal Kit Hollow Shaft	5025.0011.00	Check Valve Kit



3400 RPM - Gas Engine Flange

- 1/2" FPT Inlet, 3/8" MPT Discharge
- Anodized, Die-Cast Aluminum Crankcase
- Solid Ceramic Plungers
- Stainless Steel Check Valves
- Buna-Textile V-Packings
- Reversible Crankcase for Right or Left Hand Mounting
- Gas Engine Mounting Flange

Pump with Built-In Unloader

MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT.
ZWD 3035 G-K	3.0	3500	3400	1" Hollow	15mm	17.4
ZWD 3535 G-K	3.4	3500	3400	1" Hollow	15mm	17.4
ZWD 4035 G-K	4.0	3500	3400	1" Hollow	15mm	17.4
ZWD 4035 G-RF	4.0	3500	3400	1" Hollow	15mm	16.5

RF-Bolt-on Unloader

ZWD 3540 G-K	3.5	4000	3400	1" Hollow	15mm	17.4
ZWD 4040 G-K	4.0	4000	3400	1" Hollow	15mm	17.4

ZW Series Repair Kits

5019.0064.00 ZW Seal Kit, 15mm
5025.0011.00 Check Valve Kit

2409.0071.00 ZWD Piston Kit, 15mm
5019.0065.00 ZW Oil Seal Kit Hollow Shaft



3400 RPM - 24mm Solid Shaft

- 1/2" FPT Inlet, 3/8" FPT Discharge
- Anodized, Die-Cast Aluminum Crankcase
- Solid Ceramic Plungers
- Stainless Steel Check Valves
- Buna-Textile V-Packings
- Reversible Crankcase for Right or Left Hand Mounting
- 24mm Solid, Keyed Shaft

MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT.
ZWD 4030 S	4.0	3000	3400	24mm Solid	15mm	17.4

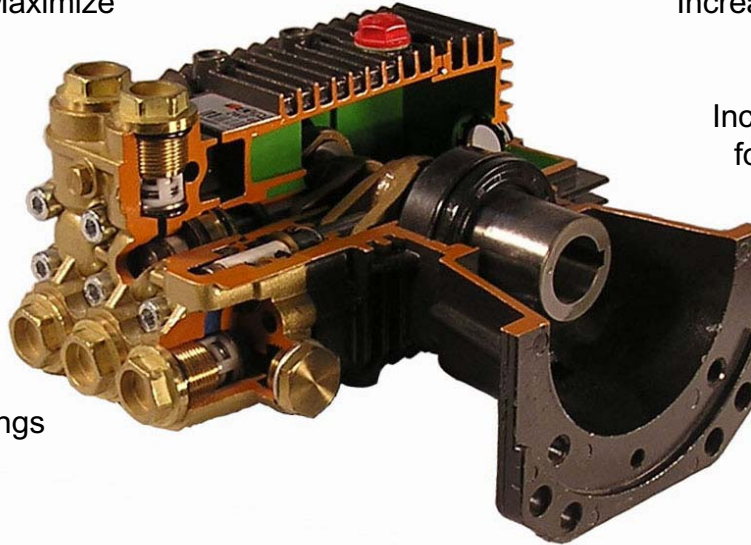
ZW Series Repair Kits

5019.0064.00 ZW Seal Kit, 15mm
5025.0011.00 Check Valve Kit

2409.0071.00 ZWD Piston Kit, 15mm
5019.0040.00 ZWD Oil Seal Kit, Solid Shaft

ZW SERIES Industrial Duty Plunger Pumps

- Increased Fin Depth Increases Surface Area to Maximize Heat Dissipation
- Stainless Steel Unitized Check Valves
- Heat-Resistant Solid Ceramic Plungers Operating on Lubricated Packings
- Direct Drive Mounting Flange



- Reinforced Crankcase for Increased Load Capacity
- Enlarged Crankcase Increases Oil Capacity for Better Lubrication and Lower Operating Temperatures
- One-Piece Industrial-Grade Oversized Bronze Connecting Rods

ZWD

Series Pumps-Gas



3400 RPM - Gas Engine Flange

- 1/2" FPT Inlet, 3/8" FPT Discharge
- Anodized, Die-Cast Aluminum Crankcase
- Solid Ceramic Plungers
- Stainless Steel Check Valves
- Buna-Textile V-Packings
- Reversible Crankcase for Right or Left Hand Mounting
- Gas Engine Mounting Flange

MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT.
ZWD 2535 G	2.5	3500	3400	3/4" Hollow	15mm	16.5
ZWD 3030 G	3.0	3200	3400	3/4" Hollow	15mm	17.5
ZWD 3035 G	3.0	3500	3400	3/4" Hollow	15mm	17.5
ZWD 3035 G	3.0	3500	3400	1" Hollow	15mm	17.5
ZWD 3535 G	3.4	3500	3400	1" Hollow	15mm	17.5
ZWD 4035 G	4.0	3500	3400	1" Hollow	15mm	17.5
ZWD 3040 G	3.0	4000	3400	1" Hollow	15mm	17.5
ZWD 3540 G	3.4	4000	3400	1" Hollow	15mm	17.5
ZWD 4040 G	4.0	4000	3400	1" Hollow	15mm	17.5

FWS

Series Pumps-Solid Shaft



1750 RPM - 24mm Solid K eyed Shaft

- 1/2" FPT Inlet, 3/8" FPT Discharge
- Anodized, Die-Cast Aluminum Crankcase
- Solid Ceramic Plungers
- Stainless Steel Check Valves and Piston Guides
- Oversized Bronze Connecting Rods
- Buna-Textile V-Packings
- Reversible Crankcase for Right or Left Hand Mounting
- 24mm Solid, Keyed Shaft

<u>MODEL #</u>	<u>GPM</u>	<u>PSI</u>	<u>RPM</u>	<u>SHAFT</u>	<u>PISTON</u>	<u>WT.</u>
FWS 6020 S	5.9	2000	1750	24mm Solid	20mm	19.6
FWS 5525 S	5.7	2500	1750	24mm Solid	20mm	19.6
FWS 3530 S	3.5	3000	1750	24mm Solid	18mm	19.6
FWS 4030 S	4.1	3000	1750	24mm Solid	18mm	19.6
FWS 4530 S	4.5	3000	1750	24mm Solid	18mm	19.6

FW Series Mounting Rail Kits

5011.0185.00 Standard Mounting Rail Kit for FW Series Pumps

5011.0216.00 Tall Mounting Rail Kit for FW Series Pumps

FW Series Repair Kits

5019.0038.00	FW Seal Kit, 18mm	2409.0073.00	FW Piston Kit, 18mm
5019.0039.00	FW Seal Kit, 20mm	2409.0074.00	FW Piston Kit, 20mm
5025.0011.00	Check Valve Kit	5019.0044.00	FW Oil Seal Kit Solid Shaft
5025.0025.00	High Flow Valve Kit, 5+ GPM		

FWS

Series Pumps-Electric



1750 RPM - 184T Elec. Flange

- 1/2" FPT Inlet, 3/8" FPT Discharge
- Anodized, Die-Cast Aluminum Crankcase
- Solid Ceramic Plungers
- Stainless Steel Check Valves and Piston Guides
- Oversized Bronze Connecting Rods
- Buna-Textile V-Packings
- Reversible Crankcase for Right or Left Hand Mounting
- 184T Electric Motor Flange with 1-1/8" Hollow Shaft

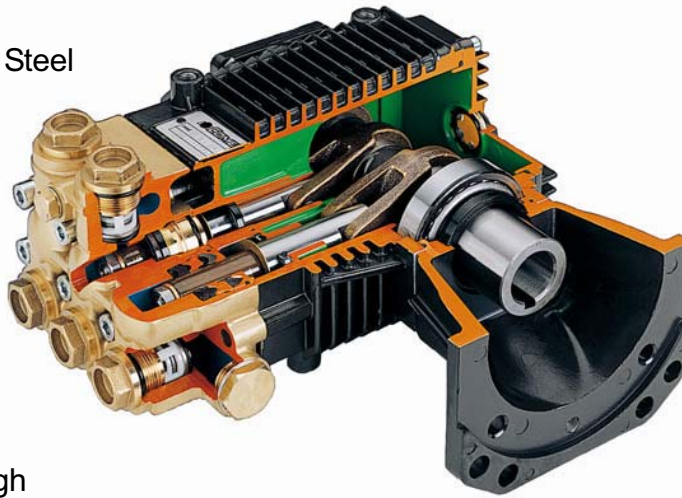
<u>MODEL #</u>	<u>GPM</u>	<u>PSI</u>	<u>RPM</u>	<u>SHAFT</u>	<u>PISTON</u>	<u>WT.</u>
FWS 3030 E	3.0	3000	1750	1 1/8" Hollow	18mm	20.3
FWS 3530 E	3.5	3000	1750	1 1/8" Hollow	18mm	20.3
FWS 4030 E	3.9	3000	1750	1 1/8" Hollow	18mm	20.3
FWS 4530 E	4.5	3000	1750	1 1/8" Hollow	18mm	20.3
FWS 5030 E	4.9	3000	1750	1 1/8" Hollow	20mm	20.3
FWS 5530 E	5.6	3000	1750	1 1/8" Hollow	20mm	20.3

FW Series Repair Kits

5019.0038.00	FW Seal Kit, 18mm	2409.0073.00	FW Piston Kit, 18mm
5019.0039.00	FW Seal Kit, 20mm	2409.0074.00	FW Piston Kit, 20mm
5025.0011.00	Check Valve Kit	5019.0045.00	FW Oil Seal Kit Hollow Shaft
5025.0025.00	High Flow Valve Kit, 5+ GPM		

FW SERIES Industrial Duty Plunger Pumps

- Reversible Crankcase for Easy Right or Left Hand Mounting
- Hardened Stainless Steel Piston Guides
- Highly Efficient Stainless Steel Check Valves
- Solid Ceramic Plungers
- High & Low Pressure Seals: High Quality Buna-Textile Packings. Additional Anti-Extrusion Ring under the Seal



- Solid or Hollow Shaft
- Solid Brass Manifolds
- Special Forged Brass Oversized Connecting Rods
- Flange for Direct Mounting to Gas Engines or Electric Motors (Hollow Shaft Models Only.)
- Die-Cast, Anodized Aluminum Crankcase
- High Quality Tapered Roller Bearings
- Optimal Oil Bath for High Speed Operation

FW

Series Pumps-Solid Shaft



1450 RPM - 24mm Solid Shaft

- 1/2" FPT Inlet, 3/8" FPT Discharge
- Anodized, Die-Cast Aluminum Crankcase
- Solid Ceramic Plungers
- Stainless Steel Check Valves and Piston Guides
- Oversized Bronze Connecting Rods
- Buna-Textile V-Packings
- Reversible Crankcase for Right or Left Hand Mounting
- 24mm Solid, Keyed Shaft

MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT.
FW 4030 S	4.0	3000	1450	24mm Solid	18mm	19.4
FW 3530 S	3.4	3000	1450	24mm Solid	18mm	19.4
FW 5030 S	5.0	3000	1450	24mm Solid	20mm	19.4
FW 5530 S	5.5	3000	1450	24mm Solid	20mm	19.4

FW Series Mounting Rail Kits

- 5011.0185.00** Standard Mounting Rail Kit for FW Series Pump
- 5011.0216.00** Tall Mounting Rail Kit for FW Series Pumps

FW Series Repair Kits (Kits also on Pages 25 & 26)

5019.0038.00	FW Seal Kit, 18mm	5025.0011.00	Check Valve Kit
5019.0039.00	FW Seal Kit, 20mm	2409.0073.00	FW Piston Kit, 18mm
5019.0044.00	FW Oil Seal Kit Solid Shaft	2409.0074.00	FW Piston Kit, 20mm

FWD

Series Pumps-Electric



3400 RPM - 184T Elec. Flange

- 1/2" FPT Inlet, 3/8" FPT Discharge
- Anodized, Die-Cast Aluminum Crankcase
- Solid Ceramic Plungers
- Stainless Steel Check Valves
- Stainless Steel Piston Guides
- Buna-Textile V-Packings
- Oversized Bronze Connecting Rods
- Reversible Crankcase for Right or Left Hand Mounting
- 184T Electric Motor Flange with 1-1/8" Hollow Shaft

<u>MODEL #</u>	<u>GPM</u>	<u>PSI</u>	<u>RPM</u>	<u>SHAFT</u>	<u>PISTON</u>	<u>WT.</u>
FWD 3530 E	3.3	3000	3400	1 1/8" Hollow	18mm	20.3
FWD 4530 E	4.4	3000	3400	1 1/8" Hollow	18mm	20.3

FW Series Repair Kit

5019.0038.00 FW Seal Kit, 18mm
5025.0011.00 Check Valve Kit

2409.0073.00 FW Piston Kit, 18mm
5019.0045.00 FW Oil Seal Kit Hollow Shaft

FWD

Series Pumps-Gas



3400 RPM - Gas Engine Flange

- 1/2" FPT Inlet, 3/8" FPT Discharge
- Anodized, Die-Cast Aluminum Crankcase
- Solid Ceramic Plungers
- Stainless Steel Check Valves
- Stainless Steel Piston Guides
- Buna-Textile V-Packings
- Oversized Bronze Connecting Rods
- Reversible Crankcase for Right or Left Hand Mounting
- Gas Engine Mounting Flange with 1" Hollow Shaft

<u>MODEL #</u>	<u>GPM</u>	<u>PSI</u>	<u>RPM</u>	<u>SHAFT</u>	<u>PISTON</u>	<u>WT.</u>
FWD 3530 G	3.3	3000	3400	1" Hollow	18mm	20.3
FWD 4035 G	3.9	3500	3400	1" Hollow	18mm	20.3
FWD 4530 G	4.4	3000	3400	1" Hollow	18mm	20.3

FW Series Repair Kits

5019.0038.00 FW Seal Kit, 18mm
5025.0011.00 Check Valve Kit

2409.0073.00 FW Piston Kit, 18mm
5019.0045.00 FW Oil Seal Kit Hollow Shaft

SW SERIES

Premium Pumps



1450 RPM 1750 RPM
24mm Solid K eyed Shaft

- Heavy Duty up to 4000 PSI
- High Volume up to 5.5 GPM
- Long Life Seals
- One Piece, Solid Bronze Alloy Connection Rods
- Solid Shaft 24mm for Belt Drive, Gearbox or Flex Couplers
- Oil Cap: New Travel/Working Oil Cap
- High Quality Tapered Roller Bearings
- Large Oil Capacity Dissipates Heat and Improves Lubrication for Longer Life
- 1/2" FPT Inlet, 3/8" FPT Discharge
- Crankcase: Die-Cast Aluminum Alloy for Protection Against Corrosion
- Piston Guides are Heat Treated Stainless Steel
- Highly Efficient Stainless Steel Check Valves
- Solid Ceramic Plungers
- Brass Manifold: Forged for Maximum Strength and Longer Life up to 4000 PSI

SW

Series Pumps-Solid Shaft

MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT.
SW 4040 S	4.0	4000	1450	24mm	20mm	39.0
SW 4040 S*	4.0	4000	1450	24mm	20mm	39.0
SW 5540 S	5.5	4000	1450	24mm	20mm	39.0
SW 5540 S*	5.5	4000	1450	24mm	20mm	39.0

***Hot Water Pump with Kevlar Seals**

SWS

Series Pumps-Solid Shaft

MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT.
SWS 5025 S	5.0	2500	1750	24mm	20mm	39.0
SWS 4040 S	4.0	4000	1750	24mm	20mm	39.0
SWS 4040 S*	4.0	4000	1750	24mm	20mm	39.0

***Hot Water Pump with Kevlar Seals**

SW Series Mounting Rail Kits

5011.0214.00 Standard Mounting Rail Kit for SW/TW Series Pump

SW Series Repair Kits

- 5025.0011.00** Valve Kit
- 2409.0074.00** Piston Kit, 20mm
- 5019.0648.00** Seal Kit, Water
- 5019.0650.00** Oil Seal Kit
- 5019.0665.00** SW Seal Kevlar Kit 20mm
- 5019.0670.00** SW Hot Water Seal Kit, 20mm



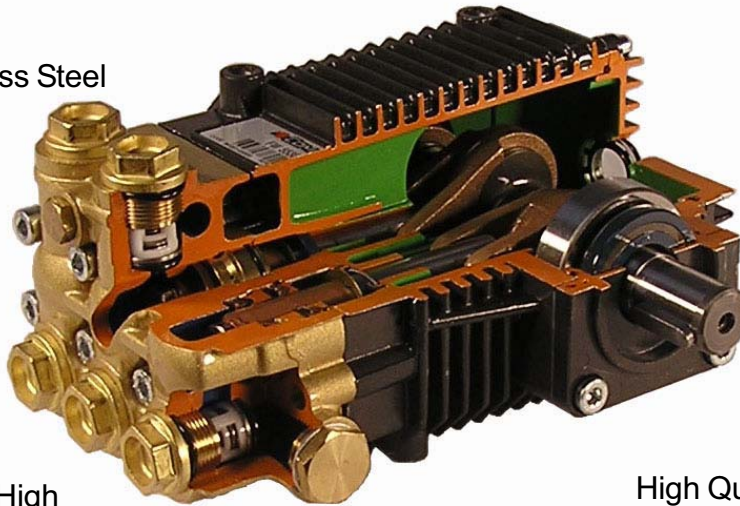
HW SERIES Industrial Duty Plunger Pumps

1450 RPM

1750 RPM

3400 RPM

- Reversible Crankcase for Easy Right or Left Hand Mounting
- Hardened Stainless Steel Piston Guides
- Highly Efficient Stainless Steel Check Valves
- Solid Ceramic Plungers
- High & Low Pressure Seals: High Quality Buna-Textile Packings. Additional Anti-Extrusion Ring under the Seal



- Solid or Hollow Shaft
- Solid Brass Manifolds
- Special Forged Brass Oversized Connecting Rods
- Flange for Direct Mounting to Gas Engines (Hollow Shaft Models Only.)
- Die-Cast, Anodized Aluminum Crankcase
- High Quality Tapered Roller Bearings
- Optimal Oil Bath for High Speed Operation

HW

Series Pumps-Solid Shaft

1450 RPM - 24mm Solid Keyed Shaft



- 1/2" FPT Inlet, 3/8" FPT Discharge
- Anodized, Die-Cast Aluminum Crankcase
- Solid Ceramic Plungers
- Stainless Steel Check Valves
- Stainless Steel Piston Guides
- Buna-Textile V-Packings
- Oversized Bronze Connecting Rods
- Reversible Crankcase for Right or Left Hand Mounting
- 24mm Solid, Keyed Shaft

MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT.
HW 3540 S	3.4	4000	1450	24mm Solid	18mm	20.0
HW 4040 S	4.0	4000	1450	24mm Solid	18mm	20.0
HW 4540 S	4.4	4000	1450	24mm Solid	18mm	20.0

HW Series Mounting Rail Kits

- 5011.0185.00** Standard Mounting Rail Kit for HW Series Pumps
- 5011.0216.00** Tall Mounting Rail Kit for HW Series Pumps

HW Series Repair Kits

- 5025.0011.00** Check Valve Kit
- 5019.0631.00** HW Seal Kit, 18mm
- 2409.0073.00** HW Piston Kit, 18mm
- 5019.0044.00** HW Oil Seal Kit Solid Shaft

HWS

Series Pumps-Solid Shaft



1750 RPM - 24mm Solid Keyed Shaft

- 1/2" FPT Inlet, 3/8" FPT Discharge
- Anodized, Die-Cast Aluminum Crankcase
- Solid Ceramic Plungers
- Stainless Steel Check Valves
- Stainless Steel Piston Guides
- Buna-Textile V-Packings
- Oversized Bronze Connecting Rods
- Reversible Crankcase for Right or Left Hand Mounting
- 24mm Solid, Keyed Shaft

<u>MODEL #</u>	<u>GPM</u>	<u>PSI</u>	<u>RPM</u>	<u>SHAFT</u>	<u>PISTON</u>	<u>WT.</u>
HWS 4040 S	4.0	4000	1750	24mm Solid	18mm	20.0
HWS 5040 S	5.2	4000	1750	24mm Solid	18mm	20.0

HW Series Mounting Rail Kits

5011.0185.00 Standard Mounting Rail Kit for HW Series Pumps

5011.0216.00 Tall Mounting Rail Kit for HW Series Pumps

HW Series Repair Kits

5025.0011.00 Check Valve Kit **2409.0073.00** HW Piston Kit, 18mm
5019.0631.00 HW Seal Kit, 18mm **5019.0044.00** HW Oil Seal Kit Solid Shaft

HWD

Series Pumps-Gas



3400 RPM - Gas Engine Flange

- 1/2" FPT Inlet, 3/8" FPT Discharge
- Anodized, Die-Cast Aluminum Crankcase
- Solid Ceramic Plungers
- Stainless Steel Check Valves
- Stainless Steel Piston Guides
- Buna-Textile V-Packings
- Oversized Bronze Connecting Rods
- Reversible Crankcase for Right or Left Hand Mounting
- Gas Engine Mounting Flange with 1" Hollow Shaft

<u>MODEL #</u>	<u>GPM</u>	<u>PSI</u>	<u>RPM</u>	<u>SHAFT</u>	<u>PISTON</u>	<u>WT.</u>
HWD 3540 G	3.3	4000	3400	1" Hollow	18mm	20.0
HWD 4040 G	3.9	4000	3400	1" Hollow	18mm	20.0
HWD 4540 G	4.4	4000	3400	1" Hollow	18mm	20.0

HW Series Repair Kits

5025.0011.00 Check Valve Kit **2409.0073.00** HW Piston Kit, 18mm
5019.0631.00 HW Seal Kit, 18mm **5019.0045.00** HW Oil Seal Kit Hollow Shaft

RWS

Series Pumps-Solid Shaft

1750 RPM - 24mm Solid Shaft



- 1/2" FPT Inlet, 3/8" FPT Discharge
- Crankcase: Die-Cast Aluminum Alloy
- Solid Ceramic Plungers
- Forged Brass Manifold
- Oversized Bronze Connecting Rods
- High Quality Tapered Roller Bearings
- Large Oil Capacity Dissipates Heat and Improves Lubrication
- Oil Cap: New Travel/Working Oil Cap

<u>MODEL #</u>	<u>GPM</u>	<u>PSI</u>	<u>RPM</u>	<u>SHAFT</u>	<u>PISTON</u>	<u>WT.</u>
RWS 6020 S	5.9	2000	1750	24mm	20mm	27.0
RWS 6520 S	6.6	2000	1750	24mm	20mm	27.0
RWS 3030 S	3.0	3000	1750	24mm	20mm	27.0
RWS 3530 S	3.6	3000	1750	24mm	20mm	27.0
RWS 4030 S	4.1	3000	1750	24mm	20mm	27.0
RWS 4530 S	4.4	3000	1750	24mm	20mm	27.0
RWS 5030 S	4.9	3000	1750	24mm	20mm	27.0
RWS 5530 S	5.7	3000	1750	24mm	20mm	27.0
RWS 3035 S	3.0	3500	1750	24mm	20mm	27.0
RWS 5535 S	5.7	3500	1750	24mm	20mm	27.0
RWS 3540 S	3.6	4000	1750	24mm	18mm	27.0
RWS 4040 S	4.0	4000	1750	24mm	18mm	27.0
RWS 4540 S	4.8	4000	1750	24mm	18mm	27.0
RWS 5040 S	5.3	4000	1750	24mm	18mm	27.0
RWS 6040 S	6.0	4000	1750	24mm	18mm	27.0

RWS

Series Pumps-Electric

1750 RPM - 1-1/8" Hollow Shaft



- 1/2" FPT Inlet, 3/8" FPT Discharge
- Crankcase: Die-Cast Aluminum Alloy
- Solid Ceramic Plungers
- Forged Brass Manifold
- Oversized Bronze Connecting Rods
- High Quality Tapered Roller Bearings
- Large Oil Capacity Dissipates Heat and Improves Lubrication
- Oil Cap: New Travel/Working Oil Cap
- 184T Electric Flange with 1-1/8" Hollow Shaft

<u>MODEL #</u>	<u>GPM</u>	<u>PSI</u>	<u>RPM</u>	<u>SHAFT</u>	<u>PISTON</u>	<u>WT</u>
RWS 3530 E	3.6	3000	1750	1 1/8" Hollow	20mm	27.0
RWS 4030 E	4.1	3000	1750	1 1/8" Hollow	20mm	27.0
RWS 4530 E	4.4	3000	1750	1 1/8" Hollow	20mm	27.0
RWS 5030 E	4.9	3000	1750	1 1/8" Hollow	20mm	27.0
RWS 5530 E	5.7	3000	1750	1 1/8" Hollow	20mm	27.0

RW SERIES

Premium Pumps



- Crankcase: Die-Cast Aluminum Alloy for Protection Against Corrosion
- Piston Guides are Heat Treated Stainless Steel
- Highly Efficient Stainless Steel Check Valves
- Solid Ceramic Plungers
- Brass Manifold: Forged for Maximum Strength and Longer Life up to 4000 PSI

1450 RPM

1750 RPM

- Heavy Duty up to 4000 PSI
- High Volume up to 6.6 GPM
- Long Life Seals
- Direct Mount to Gas Engines or Electric Motors
- One Piece, Solid Bronze Alloy Connection Rods
- Solid Shaft 24mm for Belt Drive, Gearbox or Flex Couplers
- Oil Cap: New Travel/Working Oil Cap
- High Quality Tapered Roller Bearings
- Large Oil Capacity Dissipates Heat and Improves Lubrication for Longer Life

RW

Series Pumps-Solid Shaft

1450 RPM - 24mm Solid Shaft



***Hot Water Pump with Kevlar Seals**

- 1/2" FPT Inlet, 3/8" FPT Discharge
- Crankcase: Die-Cast Aluminum Alloy
- Solid Ceramic Plungers
- Forged Brass Manifold
- Oversized Bronze Connecting Rods
- High Quality Tapered Roller Bearings
- Large Oil Capacity Dissipates Heat and Improves Lubrication

MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT.
RW 4030 S	4.1	3000	1450	24mm	20mm	27.0
RW 4030 S*	4.1	3000	1450	24mm	20mm	27.0
RW 5030 S	5.0	3000	1450	24mm	20mm	27.0
RW 5530 S	5.5	3000	1450	24mm	20mm	27.0
RW 5530 S*	5.5	3000	1450	24mm	20mm	27.0
RW 6030 S	6.2	3000	1450	24mm	20mm	27.0
RW 6030 S*	6.2	3000	1450	24mm	20mm	27.0
RW 5535 S	5.5	3500	1450	24mm	20mm	27.0
RW 3540 S	3.3	4000	1450	24mm	18mm	27.0
RW 4040 S	4.0	4000	1450	24mm	18mm	27.0
RW 4540 S	4.4	4000	1450	24mm	18mm	27.0
RW 5040 S	4.9	4000	1450	24mm	18mm	27.0

RW Series Mounting Rail Kits

5011.0229.00 Standard Mounting Rail Kit for RW Series Pumps

5011.0257.00 Tall Mounting Rail Kit for Premium Series Pumps

RW Series Repair Kits

2409.0146.00 RW Piston Kit, 18mm
2409.0145.00 RW Piston Kit, 20mm
5025.0011.00 Valve Kit, up to 4.8 GPM
5025.0025.00 Valve Kit, 4.9 GPM+
5019.0676.00 Seal kit, Hot Water, 20mm

5019.0673.00 RW Seal Kit, 18mm
5019.0672.00 RW Seal Kit, 20mm
5019.0675.00 RW Oil Seal Kit, Solid Shaft
5019.0679.00 RW Oil Seal Kit, Hollow Shaft
5019.0674.00 RW Seal Kit, Kevlar 20mm



MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT.	INLET
TWS 13020 S	13.0	2000	1750	24mm	25mm	45.0	3/4"
TWS 10025 S	10.7	2500	1750	24mm	25mm	45.0	3/4"
TWS 9030 S	9.3	3000	1750	24mm	22mm	45.0	3/4"
TWS 10030 S	10.7	3000	1750	24mm	25mm	45.0	3/4"
TWS 8035 S	8.3	3500	1750	24mm	22mm	45.0	3/4"
TWS 7040 S	7.0	4000	1750	24mm	18mm	45.0	3/4"
TWS 5050 S	5.3	5000	1750	24mm	18mm	45.0	1/2"
TWS 5550 S	5.6	5000	1750	24mm	18mm	45.0	1/2"

TW Series Mounting Rail Kits

5011.0214.00 Standard Mounting Rail Kit for SW/TW Series Pump

TW Series Repair Kits

5025.0020.00	Valve Kit (Up to 3600 PSI)	5019.0645.00	Seal Kit 18mm, Water
5025.0021.00	Valve Kit (4000+ PSI)	5019.0646.00	Seal Kit 22mm, Water
2409.0116.00	Piston Kit 18mm	5019.0647.00	Seal Kit 25mm, Water
2409.0114.00	Piston Kit 22mm	5019.0644.00	Seal Kit, Oil (Up to 3600 PSI)
2409.0115.00	Piston Kit 25mm	5019.0649.00	Seal Kit, Oil (4000+ PSI)

Hot Water Packing Kits-TW Series

5019.0653.00	Packing Kit 18mm
5019.0654.00	Packing Kit 22mm
5019.0655.00	Packing Kit 25mm
5019.0662.00	Seal Kit, Kevlar 22mm
5019.0663.00	Seal Kit, Kevlar 25mm



TW SERIES

Premium Pumps



24mm Solid Keyed Shaft

- Heavy Duty up to 5000 PSI
- High Volume up to 13.0 GPM
- Long Life Seals

- 1/2" or 3/4" FPT Inlet, 3/8" FPT Discharge
- Crankcase: Die-Cast Aluminum Alloy for Protection Against Corrosion
- Piston Guides are Heat Treated Stainless Steel
- Highly Efficient Stainless Steel Check Valves
- Solid Ceramic Plungers
- Brass Manifold: Forged for Maximum Strength and Longer Life up to 5000 PSI
- One Piece, Solid Bronze Alloy Connection Rods
- Solid Shaft 24mm for Belt Drive, Gearbox or Flex Couplers
- Oil Cap: New Travel/Working Oil Cap
- High Quality Tapered Roller Bearings
- Large Oil Capacity Dissipates Heat and Improves Lubrication for Longer Life

TWN

Series Pumps-Solid Shaft

<u>MODEL #</u>	<u>GPM</u>	<u>PSI</u>	<u>RPM</u>	<u>SHAFT</u>	<u>PISTON</u>	<u>WT.</u>	<u>INLET</u>
TWN 7025 S	7.0	2500	1000	24mm	25mm	45.0	3/4"
TWN 8025 S	8.0	2500	1000	24mm	25mm	45.0	3/4"
TWN 6036 S	6.0	3600	1000	24mm	22mm	45.0	1/2"

TW

Series Pumps-Solid Shaft

<u>MODEL #</u>	<u>GPM</u>	<u>PSI</u>	<u>RPM</u>	<u>SHAFT</u>	<u>PISTON</u>	<u>WT.</u>	<u>INLET</u>
TW 11025 S	11.0	2500	1450	24mm	25mm	45.0	3/4"
TW 11025 S*	11.0	2500	1450	24mm	25mm	45.0	3/4"
TW 10025 S	10.0	2500	1450	24mm	25mm	45.0	3/4"
TW 8030 S	8.7	3000	1450	24mm	22mm	45.0	3/4"
TW 8030 S*	8.7	3000	1450	24mm	22mm	45.0	3/4"
TW 7036 S	7.0	3600	1450	24mm	22mm	45.0	3/4"
TW 8036 S	8.6	3600	1450	24mm	22mm	45.0	3/4"
TW 4550 S	4.7	5000	1450	24mm	18mm	45.0	1/2"
TW 5050 S	5.2	5000	1450	24mm	18mm	45.0	1/2"
TW 5550 S	5.8	5000	1450	24mm	18mm	45.0	1/2"

*Hot Water Pump with Kevlar Seals

COMET PUMP PRICING

- NET PRICING

Check out the New Pumps with **KEVLAR SEALS**

AWD3030GK	\$ 254.00
AWD3530GK	\$ 254.00
AWD4030GK	\$ 254.00
AWD4036GK	\$ 270.50
AWD4040GK	\$ 285.50
AXD2010E	\$ 203.00
AXD2020E	\$ 215.00
AXD2020E	\$ 209.00
AXD2427G	\$ 222.50
AXD2518GT	\$ 201.50
AXD2520E	\$ 215.00
AXD2524G	\$ 209.00
AXD2524GT	\$ 194.00
AXD2527G	\$ 222.50
AXD2527GE	\$ 218.00
AXD2527GT	\$ 204.50
AXD3020E	\$ 215.00
AXD3020E	\$ 210.50
AXD3020G	\$ 209.00
AXD3020GE	\$ 216.50
AXD3025G	\$ 222.50
AXD3030G	\$ 258.50
AXD3522G	\$ 215.00
AXD3525G	\$ 222.50
AXD3530G	\$ 258.50
AXD4030G	\$ 258.50
AXS0415E	\$ 209.00
AXS0615E	\$ 209.00
AXS0915E	\$ 209.00
AXS1315E	\$ 209.00
AXS2015E	\$ 209.00
BWD2020EK	\$ 245.00
BWD2527GK	\$ 237.50
BWD3020EK	\$ 245.00
BWD3020GK	\$ 237.50
BWD3027GK	\$ 237.50
BXD2020E	\$ 180.50
BXD2220G	\$ 177.50
BXD2520E	\$ 180.50
BXD2525G	\$ 177.50
BXD2527G	\$ 177.50
BXD2527G	\$ 173.00
BXD2527G	\$ 186.50
BXD3020E	\$ 180.50
BXD3020G	\$ 177.50
BXD3025G	\$ 177.50
FW3530SGR	\$ 474.50
FW4030S	\$ 341.00
FW4030SGR	\$ 474.50
FW5030S	\$ 341.00

FW5030SGR	\$ 485.00
FW5530S	\$ 341.00
FW5530SGR	\$ 485.00
FWD3530E	\$ 350.00
FWD3530G	\$ 350.00
ZWD4032GK	\$ 51.50
FWD4035G	\$ 350.00
FWD4530E	\$ 350.00
FWD4530G	\$ 350.00
FWS3030E	\$ 354.50
FWS3530E	\$ 354.50
FWS3530S	\$ 341.00
FWS4030E	\$ 354.50
FWS4030S	\$ 341.00
FWS4530E	\$ 354.50
FWS4530S	\$ 341.00
FWS5030E	\$ 354.50
FWS5525S	\$ 341.00
FWS5530E	\$ 354.50
FWS6020S	\$ 341.00
HW3540S	\$ 371.00
HW4040S	\$ 371.00
HW4040SGR	\$ 513.50
HW4540S	\$ 371.00
HW4540SGR	\$ 513.50
HWD3540G	\$ 374.00
HWD4040G	\$ 374.00
HWD4540G	\$ 374.00
HWS4040S	\$ 443.00
HWS4040S	\$ 371.00
HWS5040S	\$ 371.00
LW0509S	\$ 233.00
LW1009S	\$ 233.00
LW1509S	\$ 233.00
LW2015SA	\$ 213.50
LW2020S	\$ 230.00
LW3020S	\$ 230.00
LW3025S	\$ 243.50
LW3525S	\$ 243.50
LWD2020E	\$ 237.50
LWD2020G	\$ 224.00
LWD2020GK	\$ 246.50
LWD2520G	\$ 224.00
LWD2520GK	\$ 257.00
LWD2525G	\$ 231.50
LWD2525GK	\$ 269.00
LWD2525GK	\$ 272.00
LWD2527GRF	\$ 273.50
LWD2530GK	\$ 287.00
LWD3020E	\$ 237.50

RWS4040S	\$ 368.00
RWS4530E	\$ 371.00
RWS4530S	\$ 350.00
RWS4540S	\$ 368.00
RWS5030E	\$ 387.50
RWS5030S	\$ 351.50
RWS5040S	\$ 386.00
RWS5530E	\$ 387.50
RWS5530S	\$ 351.50
RWS5535S	\$ 365.00
RWS6020S	\$ 351.50
RWS6040S	\$ 386.00
RWS6520S	\$ 351.50
SW4040S	\$ 471.50
SW4040SKEVLARSEALS	\$ 519.50
SW5540S	\$ 471.50
SW5540SW/KEVLARSEALS	\$ 519.50
SWS4040S	\$ 471.50
SWS4040S,KEVLARSEALS	\$ 554.00
SWS5025S	\$ 471.50
TW10025S	\$ 606.50
TW11025S	\$ 606.50
TW11025S,KEVLARSEALS	\$ 611.00
TW4545S	\$ 567.50
TW5050S	\$ 581.00
TW5550S	\$ 581.00
TW7036S	\$ 534.50
TW8030S	\$ 555.50
TW8030S,KEVLARSEALS	\$ 587.00
TW8036S	\$ 549.50
TWN6036S	\$ 551.00
TWN7025S	\$ 558.50
TWN8025S	\$ 558.50
TWS10025S	\$ 606.50
TWS10030S	\$ 605.00
TWS13020S	\$ 606.50
TWS5050S	\$ 567.50
TWS5550S	\$ 581.00
TWS8035S	\$ 542.00
TWS9030S	\$ 582.50
ZW3030S	\$ 270.50
ZWD3030G	\$ 305.00
ZWD3030G	\$ 219.50
ZWD3035GK	\$ 290.00
ZWD3040G	\$ 300.50
ZWD3530G	\$ 249.50
ZWD3535GK	\$ 290.00
ZWD3540G	\$ 300.50
ZWD3540GK	\$ 315.50
ZWD4030GK	\$ 290.00
ZWD4030S	\$ 243.50
ZWD4035GK	\$ 290.00
ZWD4035GRF	\$ 323.00
ZWD4040G	\$ 300.50
ZWD4040GK	\$ 315.50

COMET PUMP KITS - NET PRICING

Pumps Kit Part No.	Kit Description	Net Price
AWD		
CO1-5019068600	Gasket kit	\$ 58.87
CO1-5019068700	Gasket kit	\$ 29.58
CO1-5025003000	Valve kit	\$ 33.77
CO1-1215040300	REG VALVE KIT FOR ZW-K 240	\$ 57.58
AXD to 2500 PSI		
CO1-5019007700	SEAL KIT HP AXD	\$ 43.67
CO1-5026014300	UNLOADER KIT AX 2000	\$ 63.85
CO1-5025001400	VALVE KIT AXD	\$ 32.59
CO1-2409009200	PLUNGER KIT AXD	\$ 106.90
AXD/AXS 2500 PSI		
CO1-5019007800	HP SEAL KIT FOR AXD	\$ 54.89
CO1-5026014300	UNLOADER KIT AX 2000	\$ 63.85
CO1-5025001400	VALVE KIT AXD	\$ 32.59
CO1-2409009200	PLUNGER KIT AXD	\$ 106.90
CO1-5019007900	SEAL KIT OIL AXD	\$ 24.79
AXD 3000 PSI		
CO1-5019008600	AXD SEAL KIT 3000 PSI	\$ 56.80
CO1-5026014300	UNLOADER KIT AX 2000	\$ 63.85
CO1-5025001400	VALVE KIT AXD	\$ 32.59
CO1-2409010300	AXD 14MM PISTON KIT 3000 PSI	\$ 115.68
CO1-5019007900	SEAL KIT OIL AXD	\$ 24.79
BXD-E		
CO1-5019067100	SEAL KIT, WATER BXD-E	\$ 38.48
CO1-5025002700	VALVE KIT, BXD	\$ 38.71
CO1-1215040100	REPAIR KIT, UNLOADER VALVE	\$ 50.96
BXD-G		
CO1-5019066700	SEAL KIT, WATER BXD-G	\$ 38.31
CO1-5025002700	VALVE KIT, BXD	\$ 38.71
CO1-1215040300	REG VALVE KIT FOR ZW-K 240	\$ 57.58
BW		
CO1-5019068600	Gasket kit	\$ 58.87
CO1-5019068500	Gasket kit	\$ 29.58
CO1-5025003000	Valve kit	\$ 33.77
CO1-1215040300	REG VALVE KIT FOR ZW-K 240	\$ 57.58

COMET PUMP KITS - NET PRICING

Pumps Kit Part No.	Kit Description	Net Price
FWD-E		
CO1-5019003800	SEAL KIT HP FW 18MM	\$ 85.06
CO1-5025001100	VALVE KIT LW,ZW,FW,HW	\$ 49.11
CO1-2409007300	PISTON KIT FW 18MM	\$ 132.32
CO1-5019004500	SEAL KIT OIL HOLLOW SHAFT	\$ 30.57
FWD-G		
CO1-5019003800	SEAL KIT HP FW 18MM	\$ 85.06
CO1-5025001100	VALVE KIT LW,ZW,FW,HW	\$ 49.11
CO1-2409007300	PISTON KIT FW 18MM	\$ 132.32
CO1-5019004500	SEAL KIT OIL HOLLOW SHAFT	\$ 30.57
FWS-E		
CO1-5019003800	SEAL KIT HP FW 18MM	\$ 85.06
CO1-5019003900	SEAL KIT HP FW 20MM	\$ 130.65
CO1-5025001100	VALVE KIT LW,ZW,FW,HW	\$ 49.11
CO1-5019004400	SEAL KIT OIL SOLID SHAFT FW/HW	\$ 32.42
CO1-2409007400	PISTON KIT FW 20MM	\$ 141.16
CO1-5025002500	VALVE KIT	\$ 65.39
CO1-5019004500	SEAL KIT OIL HOLLOW SHAFT	\$ 30.57
FW-S		
CO1-5019003800	SEAL KIT HP FW 18MM	\$ 85.06
CO1-5019003900	SEAL KIT HP FW 20MM	\$ 130.65
CO1-5025001100	VALVE KIT LW,ZW,FW,HW	\$ 49.11
CO1-5019004400	SEAL KIT OIL SOLID SHAFT FW/HW	\$ 32.42
CO1-2409007300	PISTON KIT FW 18MM	\$ 132.32
CO1-2409007400	PISTON KIT FW 20MM	\$ 141.16
FWS-S		
CO1-5019003800	SEAL KIT HP FW 18MM	\$ 85.06
CO1-5019003900	SEAL KIT HP FW 20MM	\$ 130.65
CO1-5025001100	VALVE KIT LW,ZW,FW,HW	\$ 49.11
CO1-5019004400	SEAL KIT OIL SOLID SHAFT FW/HW	\$ 32.42
CO1-2409007300	PISTON KIT FW 18MM	\$ 132.32
CO1-2409007400	PISTON KIT FW 20MM	\$ 141.16
CO1-5025002500	VALVE KIT	\$ 65.39
HWD-G		
CO1-5025001100	VALVE KIT LW,ZW,FW,HW	\$ 49.11
CO1-2409007300	PISTON KIT FW 18MM	\$ 132.32
CO1-5019063100	SEAL KIT HP HW 18MM	\$ 111.75
CO1-5019004500	SEAL KIT OIL HOLLOW SHAFT	\$ 30.57

COMET PUMP KITS - NET PRICING

Pumps Kit Part No.	Kit Description	Net Price
HW-S		
CO1-5025001100	VALVE KIT LW,ZW,FW,HW	\$ 49.11
CO1-5019004400	SEAL KIT OIL SOLID SHAFT FW/HW	\$ 32.42
CO1-2409007300	PISTON KIT FW 18MM	\$ 132.32
CO1-5019063100	SEAL KIT HP HW 18MM	\$ 111.75
HWS-S		
CO1-5025001100	VALVE KIT LW,ZW,FW,HW	\$ 49.11
CO1-5019004400	SEAL KIT OIL SOLID SHAFT FW/HW	\$ 32.42
CO1-2409007300	PISTON KIT FW 18MM	\$ 132.32
CO1-5019063100	SEAL KIT HP HW 18MM	\$ 111.75
LW		
CO1-5019003700	SEAL KIT HP LW 18MM	\$ 44.15
CO1-5019003500	SEAL KIT HP LW 15MM--LP SEAL	\$ 43.28
CO1-5019004000	SEAL KIT OIL SOLID SHAFT	\$ 26.64
CO1-2409007100	PISTON KIT LW/ZW 15MM	\$ 112.15
CO1-2409007200	PISTON KIT LW 18MM	\$ 114.58
CO1-5025001100	VALVE KIT LW,ZW,FW,HW	\$ 49.11
LWD-E		
CO1-5019003500	SEAL KIT HP LW 15MM--LP SEAL	\$ 43.28
CO1-5019004100	SEAL KIT OIL HOLLOW SHAFT	\$ 27.22
CO1-5025001100	VALVE KIT LW,ZW,FW,HW	\$ 49.11
CO1-5026012300	UNLOADER REPAIR KIT LW-K	\$ 24.10
CO1-5026013000	UNLOADER KIT LW 2500	\$ 61.02
CO1-2409007100	PISTON KIT LW/ZW 15MM	\$ 112.15
LWD-G/LWDG-K		
CO1-5019003500	SEAL KIT HP LW 15MM--LP SEAL	\$ 43.28
CO1-2409007100	PISTON KIT LW/ZW 15MM	\$ 112.15
CO1-5025001100	VALVE KIT LW,ZW,FW,HW	\$ 49.11
CO1-5026012300	UNLOADER REPAIR KIT LW-K	\$ 24.10
CO1-5026013000	UNLOADER KIT LW 2500	\$ 61.02
CO1-5019004100	SEAL KIT OIL HOLLOW SHAFT	\$ 27.22
LWD-S		
CO1-5019003500	SEAL KIT HP LW 15MM--LP SEAL	\$ 43.28
CO1-5019004000	SEAL KIT OIL SOLID SHAFT	\$ 26.64
CO1-2409007100	PISTON KIT LW/ZW 15MM	\$ 112.15
CO1-5025001100	VALVE KIT LW,ZW,FW,HW	\$ 49.11
LWS-E		
CO1-5019003700	SEAL KIT HP LW 18MM	\$ 44.15
CO1-5019003500	SEAL KIT HP LW 15MM--LP SEAL	\$ 43.28
CO1-5019004100	SEAL KIT OIL HOLLOW SHAFT	\$ 27.22
CO1-2409007100	PISTON KIT LW/ZW 15MM	\$ 112.15
CO1-2409007200	PISTON KIT LW 18MM	\$ 114.58
CO1-5025001100	VALVE KIT LW,ZW,FW,HW	\$ 49.11

COMET PUMP KITS - NET PRICING

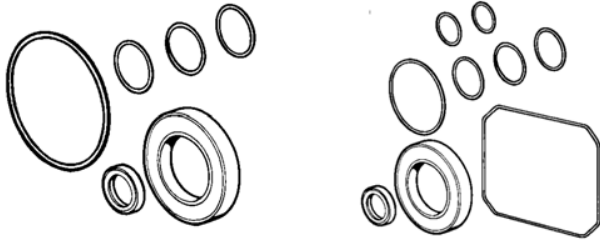
Pumps Kit Part No.	Kit Description	Net Price
LWS-S		
CO1-5019003700	SEAL KIT HP LW 18MM	\$ 44.15
CO1-5019003500	SEAL KIT HP LW 15MM--LP SEAL	\$ 43.28
CO1-5019004000	SEAL KIT OIL SOLID SHAFT	\$ 26.64
CO1-2409007100	PISTON KIT LW/ZW 15MM	\$ 112.15
CO1-2409007200	PISTON KIT LW 18MM	\$ 114.58
CO1-5025001100	VALVE KIT LW,ZW,FW,HW	\$ 49.11
RW-S/RWS-E		
CO1-2409014500	PISTON KIT, 20MM RW	\$ 141.16
CO1-2409014600	PISTON KIT, 18MM RW	\$ 132.32
CO1-5025001100	VALVE KIT LW,ZW,FW,HW	\$ 49.11
CO1-5025002500	VALVE KIT	\$ 65.39
CO1-5019067600	SEAL KIT, HOT WATER, RW	\$ 144.41
CO1-5019067200	SEAL KIT 20MM RW	\$ 138.79
CO1-5019067300	SEAL KIT 18MM RW	\$ 127.99
CO1-5019067500	KIT, OILS SEAL RW	\$ 38.74
CO1-5019067900	SEAL KIT	\$ 38.74
CO1-5019067400	KIT, PACKING, 20MM, KEVLAR	\$ 260.13
SW/SWS		
CO1-5025001100	VALVE KIT LW,ZW,FW,HW	\$ 49.11
CO1-2409007400	PISTON KIT FW 20MM	\$ 141.16
CO1-5019064800	GASKET KIT, 20MM SW SERIES	\$ 104.76
CO1-5019065000	GASKET KIT	\$ 36.46
CO1-5019066500	SEAL KIT 20MM KEVLAR	\$ 249.10
CO1-5019067000	SEAL KIT, HOT, SW 20MM	\$ 151.40
TW		
CO1-5019064400	GASKET KIT TW SERIES	\$ 41.95
CO1-5019064500	GASKET KIT, 18MM TW SERIES	\$ 107.53
CO1-5019064600	GASKET KIT, 22MM TW SERIES	\$ 110.07
CO1-5019064700	GASKET KIT, 25MM TW SERIES	\$ 139.02
CO1-5019064900	GASKET KIT TW SERIES	\$ 47.21
CO1-5025002000	VALVE KIT TW SERIES	\$ 77.13
CO1-5025002100	VALVE KIT TW SERIES	\$ 92.28
CO1-2409011400	PISTON KIT, 22MM TW SERIES	\$ 204.56
CO1-2409011500	PISTON KIT 25MM TW SERIES	\$ 223.90
CO1-2409011600	PISTON KIT, 18MM TW SERIES	\$ 114.32
CO1-5025001100	VALVE KIT LW,ZW,FW,HW	\$ 49.11
CO1-2409007100	PISTON KIT LW/ZW 15MM	\$ 112.15
CO1-5019004000	SEAL KIT OIL SOLID SHAFT	\$ 26.64

COMET PUMP KITS - NET PRICING

Pumps Kit Part No.	Kit Description	Net Price
VRX		
CO1-5026026000	PLUNGER KIT (3 PLUNGERS)	\$ 28.02
CO1-5026026500	PISTON SEAL KIT, VRX	\$ 10.18
CO1-5026025600	SEAL KIT, WATER	\$ 28.78
CO1-5026025700	VALVE KIT (ALL INLET+OUTLET)	\$ 24.21
CO1-5026026200	NO-RETURN VALVE KIT	\$ 7.07
CO1-5026027000	VALVE KIT, VRX	\$ 31.61
ZWD-K		
CO1-5019006400	SEAL KIT HP ZWD	\$ 49.58
CO1-5025001100	VALVE KIT LW,ZW,FW,HW	\$ 49.11
CO1-2409007100	PISTON KIT LW/ZW 15MM	\$ 112.15
CO1-5019006500	SEAL KIT OIL HOLLOW SHAFT	\$ 27.74
ZWD-S		
CO1-5019006400	SEAL KIT HP ZWD	\$ 49.58
CO1-5025001100	VALVE KIT LW,ZW,FW,HW	\$ 49.11
CO1-2409007100	PISTON KIT LW/ZW 15MM	\$ 112.15
CO1-5019004000	SEAL KIT OIL SOLID SHAFT	\$ 26.64



Oil Seal Replacement

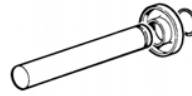


Part #	Description
5019.0659.00	GXD Seal Kit
5019.0079.00	AX/AXS Oil Seal Kit
5019.0685.00	BW Oil Seal Kit
5019.0687.00	AW Oil Seal Kit
5019.0040.00	LW/ZW Oil Seal Kit Solid Shaft
5019.0044.00	FW, HW, HWS Kit Solid Shaft
5019.0041.00	LW Oil Seal Kit Hollow Shaft
5019.0065.00	ZWD Oil Seal Kit Hollow Shaft
5019.0043.00	FWS Oil Seal Kit Hollow Shaft
5019.0045.00	FW/HWD Oil Seal Kit Hollow Shaft
5019.0650.00	SW Seal Kit
5019.0644.00	TW Seal Kit, Oil (Up to 3600PSI)
5019.0649.00	TW Seal Kit, Oil (4000+ PSI)
5019.0675.00	RW Oil Seal Kit, Solid Shaft
5019.0679.00	RW Oil Seal Kit, Hollow Shaft

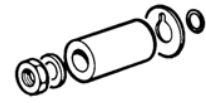
Unloader Repair

Part #	Description
5026.0143.00	AX/GXD Unloader Rebuild Kit
5026.0142.00	AX/GXD Unloader Kit M22X1.5
1215.0402.00	AXD Unloader Cartridge
1215.0403.00	BXD-G,BW/AW Cartridge
1215.0401.00	BXD Elect., Unloader Cartridge
5026.0144.00	AX/GXD Maintenance Kit
5026.0123.00	LW Unloader Maintenance Kit
5026.0130.00	LW Unloader Rebuild Kit

Piston Replacement



AXD



LW, ZWD, FW, HW

Part #	Description
5026.0260.00	VRX, Piston Seal Kit, All VRX's
2409.0126.00	GXD Piston Kit
2409.0092.00	AXD/AXS Piston Kit
2409.0103.00	AXD Piston Kit 3,000 psi
2409.0071.00	LW/ZWD Piston Kit, 15mm
2409.0072.00	LW Piston Kit, 18mm
2409.0073.00	FW/HW Piston Kit, 18mm
2409.0074.00	FW/SW Piston Kit, 20mm
2409.0146.00	RW Piston Kit, 18mm
2409.0145.00	RW Piston Kit, 20mm
2409.0116.00	TW Piston Kit 18mm
2409.0114.00	TW Piston Kit 22mm
2409.0115.00	TW Piston Kit 25mm

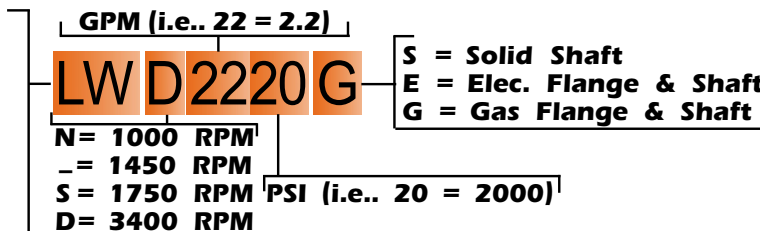
Hot Water

- Hot water seal protection
- LW, ZW, FW & HW Series Pumps
- Contains Hot Water Seals only
- Viton Seals are Chemically Resistant

Part #	Description
5019.0048.00	LW, ZW, Hot Water Seal Kit, 15mm
5019.0049.00	LW, HW-Requires 2, Hot Water, 18mm
5019.0050.00	LW, Viton Seal Kit, 18mm
5019.0051.00	LW, ZW, Viton Seal Kit, 15mm
5019.0053.00	FW, Hot Water Seal Kit, 18mm
5019.0054.00	FW, HW, Hot Water Seal Kit, 20mm
5019.0676.00	RW Hot Water Seal Kit, 20mm
5019.0674.00	RW Kevlar Seal Kit, 20mm
5019.0665.00	SW Kevlar Seal Kit 20mm
5019.0670.00	SW Hot Water Seal Kit, 20mm
5019.0653.00	TW Packing Kit 18mm
5019.0654.00	TW Packing Kit 22mm
5019.0655.00	TW Packing Kit 25mm
5019.0662.00	TW Seal Kevlar Kit 22mm
5019.0663.00	TW Seal Kevlar Kit 25mm

Sample Pump Model Number LWD 2220

- BX = Small Axial**
- BW = Small Frame**
- VRX = Small Vertical**
- AX = Large Axial**
- AW = Small Frame**
- LW = Small Frame**
- ZW = Large Frame**
- FW = Large Frame**
- HW = Large Frame**
- RW = Premium Series**
- SW = Premium Series**
- TW = Premium Series**





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XT-Series Pumps

AR pumps are a combination of exceptional degree of technology and innovation, quality and reliability worthy of a leading brand on the market. The wide range includes many models which vary in terms of pressure, deliver, power and technical characteristics, to satisfy widely different market demands.

XT 1450 rpm N Version 24mm Solid Shaft



Model	Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
XT8.14	2.11	2000	3	15	11	11
XT9.14	2.37	2000	3.3	18	8.4	11
XT11.14	2.9	2000	4	18	11	11

XTA 1750 rpm N Version 24mm Solid Shaft



Model	Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
XTA2G15	2.11	2000	3	15	9.6	10
XTA2G22	2.11	2200	3	15	9.6	11
XTA3G16	3	1600	3	18	9.6	10
XTA3G19	3	1900	4	18	9.6	11
XTA3G22	3	2200	4.5	18	9.6	11

XTA 1750 rpm E Version 5/8" Hollow Shaft



Model	Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
XTA0.5G10	0.5	1000	0.4	15	2.2	8.5
XTA1G15	1	1500	1	15	4.83	10
XTA2G15	2.11	1800	2.5	15	9.6	10
XTA2G22	2.11	2200	3	15	9.6	11
XTA3G16	3	1600	3	18	9.6	10
XTA3G19	3	1900	4	18	9.6	11
XTA3G22	3	2200	4.5	18	9.6	11
XTA4G15	4	1500	4	18	12.8	11

XTV 3400 rpm N Version 24mm Solid Shaft



Model	Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
XTV3G22	3	2200	4.5	15	7.2	11

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XTV 3400 rpm E Version 5/8" Hollow Shaft



Model	Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
XTV0.5G10	0.5	1000	0.4	15	2.2	8.5
XTV2G15	2.11	1500	2	15	4.8	10
XTV2G22	2.11	2200	3	15	4.8	11
XTV3G16	3	1600	3	15	7.2	10
XTV3G22	3	2200	4.5	15	7.2	11

XTV 3400 rpm D Version 3/4" Hollow Shaft



Model	Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
XTV2G15	2.11	1500	2	15	4.8	10
XTV2G22	2.11	2200	3	15	4.8	10
XTV3G16	3	1600	3	15	7.2	10
XTV3G22	3	2200	4.5	15	7.2	11

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XM/SXM-Series Pumps

AR pumps are a combination of exceptional degree of technology and innovation, quality and reliability worthy of a leading brand on the market. The wide range includes many models which vary in terms of pressure, deliver, power and technical characteristics, to satisfy widely different market demands.

XM 1450 rpm N Version 24mm Solid Shaft



Model	Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
XM11.17	2.9	2500	5	15	15.4	14
XM13.17	3.43	2500	5.5	18	12.4	14
XM15.15	3.96	2200	5.5	18	14.2	14

XMA 1750 rpm N Version 24mm Solid Shaft



Model	Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
XMA3G25	3	2500	5	15	13.2	14
XMA3.5G25	3.5	2500	5.5	15	15.4	14
XMA4G20	4	2000	5.5	18	13.2	14

XMA 1750 rpm N Version 3/4" Solid Shaft



Model	Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
XMA3.5G22	3.5	2200	5	15	15.4	14

XMA 1750 rpm E Version 5/8" Hollow Shaft



Model	Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
XMA2G15	2.11	1500	2	15	9.4	15
XMA2G22	2.11	2200	3	15	9.4	15
XMA2.5G18	2.5	1800	3	15	10.6	15
XMA3G18	3	1800	4	15	13.2	15

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XMA 1750 rpm E Version 1-1/8" Hollow Shaft



Model	Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
XMA3G25	3	2500	5	15	13.2	15
XMA3G30	3	3000	6.2	15	13.2	15
XMA3.5G25	3.5	2500	5.5	15	15.4	15

SXMA 1750 rpm E Version 1-1/8" Hollow Shaft



Model	Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
SXMA3G35	3	3500	7	15	13.2	18
SXMA3.5G30	3.5	3000	7	15	15.4	18
SXMA4G30	4	3000	7.5	18	13.2	18

XMV 3400 rpm E Version 5/8" Hollow Shaft



Model	Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
XMV2G25	2.11	2500	5	15	4.8	15

XMV 3400 rpm D Version 3/4" Hollow Shaft



Model	Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
XMV2.5G26	2.5	2600	5	15	6.2	15
XMV3G25	3	2500	5	15	7.6	15
XMV3G27	3	2700	5	15	7.6	15
XMV3.5G25	3.5	2500	5.5	15	8.2	15

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XMV 3400 rpm D Version 1" Hollow Shaft



Model	Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
XMV3G30	3	3000	5.5	15	7.6	16
XMV3G32	3	3200	5.5	15	7.6	16
XMV3.5G25	3.5	2500	5.5	15	8.2	16
XMV3.5G30	3.5	3000	7	15	8.2	16
XMV4G30	4	3000	7.5	15	9.4	16
XMV4G32	4	3200	10	15	9.4	16

XMV 3400 rpm D Version 3/4" Hollow Shaft



Model	Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
XMV3.5G25	3.5	2500	5.5	15	8.2	15

SXMV 3400 rpm D Version 1" Hollow Shaft



Model	Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
SXMV3G40	3	4000	7.5	15	7.6	16
SXMV3.5G32	3.5	3200	7.7	15	8.2	16
SXMV3.5G35	3.5	3500	8.4	15	8.2	16
SXMV3.5G40	3.5	4000	8.5	15	8.2	16
SXMV4G35	4	3500	10	15	9.4	16

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RK-Series Pumps

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RK 1450 rpm N Version 24mm Solid Shaft



Model	Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
RK15.28	3.96	4000	11	18	14.6	20
RK18.28	4.75	4000	13	20	14.6	20
RK21.20	5.55	2900	11	22	13.8	20

RKA 1750 rpm N Version 24mm Solid Shaft



Model	Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
RKA3.5G25	3.5	2500	5	18	10.8	19
RKA3.5G30	3.5	3000	7.5	18	10.8	19
RKA3.5G40	3.5	4000	10	18	10.8	20
RKA4G20	4	2000	5	18	12	19
RKA4G30	4	3000	7.5	18	12	19
RKA4G35	4	3500	10	18	12	20
RKA4G35	4	3500	10	18	12	20
RKA4G40	4	4000	11	18	12	19
RKA4G40	4	4000	11	18	12	19
RKA4.5G35	4.5	3500	11	18	13.8	19
RKA5.5G30	5.5	3000	11	20	13.8	20
RKA6.5G20	6.5	2000	9	22	13.8	20
RKA7G20	7.1	2000	10	22	14.6	20

RKA 1750 rpm E Version 1-1/8" Hollow Shaft



Model	Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
RKA3.5G30	3.5	3000	7.5	18	10.8	22
RKA3.5G40	3.5	4000	9.6	18	10.8	22
RKA4G20	4	2000	5	18	12	21
RKA4G30	4	3000	7.5	18	12	21
RKA4G30	4	3000	7.5	18	12	21
RKA4.8G30	4.8	3000	10	20	12	21
RKA5.5G13	5.5	1300	5	20	13.8	21
RKA7G20	7.1	2000	10	22	14.6	21

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RKV 3400 rpm D Version 1" Hollow Shaft



Model	Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
RKV3.5G30	3.5	3000	7.5	18	6.2	21
RKV3.5G35	3.5	3500	8.4	18	6.2	21
RKV3.5G40	3.5	4000	10	18	6.2	21
RKV4G30	4	3000	7.5	18	7	21
RKV4G32	4	3200	7.5	18	7	21
RKV4G35	4	3500	7.5	18	7	21
RKV4G36	4	3500	7.5	18	7	21
RKV4G37	4	3700	7.5	18	7	21
RKV4G40	4	4000	11	18	7	21
RKV4.5G32	4.5	3200	12	18	8	21
RKV4.5G40	4.5	4000	12	18	8	21
RKV5G40	5	4000	13.7	18	8.6	21
RKV5.5G40	5.5	4000	15	18	9.8	21

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XW-Series Pumps

AR pumps are a combination of exceptional degree of technology and innovation, quality and reliability worthy of a leading brand on the market. The wide range includes many models which vary in terms of pressure, deliver, power and technical characteristics, to satisfy widely different market demands.

XW 1450 rpm N Version 24mm Solid Shaft



Model	Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
XW30.25	7.92	3600	19	22	19.8	34

XW-M 1450 rpm N Version 24mm Solid Shaft



Model	Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
XW-M15.30	3.96	4350	12	20	12.2	34
XW-M21.28	5.55	4060	15	20	16.6	34
XW-M26.20	6.87	2900	12.5	20	19.8	34

XWA 1750 rpm N Version 24mm Solid Shaft



Model	Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
XWA9G24	9	2400	15	22	19.8	34

XWA-M 1750 rpm N Version 24mm Solid Shaft



Model	Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
XWA-M4G40	4	4000	11	20	13.8	34
XWA-M5.5G40	5.5	4000	14	20	13.8	34
XWA-M7G40	7	4000	17	20	17.2	34
XWA-M8G35	8	3500	18	20	19.8	34

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XWT 500 rpm N Version 24mm Solid Shaft



Model
XWT21.20

Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
5.55	2900	11	28	19.8	34

XWF 1000 rpm N Version 24mm Solid Shaft



Model
XWF26.20
XWF30.20
XWF36.17

Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
6.87	2900	13	28	15	34
7.92	2900	15	28	17.2	34
9.51	2500	15	28	19.8	34

XWL 1450 rpm N Version Solid Shaft



Model
XWL42.15

Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
11.09	2200	16	28	17.2	34

XWLA 1750 rpm N Version Solid Shaft



Model
XWLA13G15

Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
13	1450	13	28	17.2	34

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RW-Series Pumps

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RW 1450 rpm



Model	Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
RW15	4	3500	9.6	18	14.6	31
RW21	5.5	3500	13.2	18	19.8	31



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SXW-Series Pumps

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SXW 1450 rpm N Version 24mm Solid Shaft



Model	Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
SXW15.35	3.96	5100	15	18	15	35
SXW21.35	5.55	5100	20	18	21	35

SXWA 1750 rpm N Version 24mm Solid Shaft



Model	Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
SXWA4G50	4	5000	13	18	12.2	35
SXWA5.5G50	5.5	5000	17	18	17.2	35
SXWA7G50	7	5000	24	18	21	35



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SHP-Series Pumps

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SHP 1450 rpm N Version 24mm Solid Shaft



Model	Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
SHP15.50	3.96	7250	20	18	15	29
SHP22.50	5.8	7250	27	18	21	29

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RT-Series Pumps

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RTF 800 rpm N Version 38mm Solid Shaft



Model	Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
RTF135N	36	1450	36	40	48	190

RTF 1000 rpm N Version 38mm Solid Shaft



Model	Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
RTF165N	44	1450	44	40	48	190

RTP 1000 rpm N Version 38mm Solid Shaft



Model	Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
RTP30N	7.9	7250	39.3	20	34	169
RTP38N	10	7250	37.1	20	42	169

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CWX-Series Pumps

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CWX 950 rpm N Version 24mm Solid Shaft



Model	Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
CWX15.17	3.96	2500	7.5	20	16.6	32

CWX 1200 rpm N Version 24mm Solid Shaft



Model	Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
CWX18.10	4.75	1450	5	20	16.6	32



Model	Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
CWX4G25	4	2500	6.5	20	10	32

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RCW-Series Pumps

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RCW 950 rpm N Version 24mm Solid Shaft



Model	Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
RCW10.15	2.65	2200	4	18	14.6	21
RCW15.14	3.96	2000	5.5	22	13.8	21

RCW 1450 rpm N Version 24mm Solid Shaft



Model	Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
RCW11.10	2.9	1450	2.5	18	10.8	21
RCW15.15	3.96	2200	5.5	18	14.6	21

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RM-Series Pumps

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RMV 3400 rpm D Version 3/4" Hollow Shaft



Model	Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
RMV2G20	2	2000	2.7	12	7.9	5.1
RMV2G23	2	2300	3.2	12	8.3	5.1
RMV2G25	2	2500	3.4	12	8.3	7.5
RMV2.5G20	2.5	2000	3.4	12	9.7	5.1
RMV2.5G23	2.5	2300	3.9	12	9.7	5.1
RMV2.5G25	2.5	2500	4.3	12	9.7	7.5

RMW 3400 rpm D Version 7/8" Hollow Shaft



Model	Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
RMW2G20	2	2000	2.7	12	7.9	5.3
RMW2G23	2	2300	3.2	12	8.3	7.3
RMW2G25	2	2500	3.4	12	8.3	7.7
RMW2.5G20	2.5	2000	3.4	12	9.7	5.3
RMW2.5G23	2.5	2300	3.9	12	9.7	5.3
RMW2.5G25	2.5	2500	4.3	12	9.7	7.7

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XJ-Series Pumps

AR pumps are a combination of exceptional degree of technology and innovation, quality and reliability worthy of a leading brand on the market. The wide range includes many models which vary in terms of pressure, deliver, power and technical characteristics, to satisfy widely different market demands.

XJV 3400 rpm E Version 5/8" Hollow Shaft



Model	Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
XJV2G15	2	1450	2	15	4.8	11
XJV3G20	3	2000	4	15	6.8	11

XJW 3400 rpm D Version 7/8" Hollow Shaft



Model	Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
XJW24G24	2.4	2400	3.9	15	5.8	11

XJV-E 3400 rpm D Version 3/4" Hollow Shaft - Economy



Model	Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
XJV-E22G24	2.2	2400	3.6	15	5.8	11

XJW-E 3400 rpm D Version 7/8" Hollow Shaft - Economy



Model	Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
XJW-E2G22	2	2200	3.01	15	5.8	11
XJW-E22G24	2	2400	3.6	15	5.8	11

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XM-SS-Series Pumps

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XMA-SS 1750 rpm E Version 5/8" Hollow Shaft



Model	Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
XMASS0.5G15	0.5	1500	0.05	15	2.2	17
XMASS2.5G15	2.5	1500	2.6	15	10.6	17
XMASS3G15	3	1500	3.1	15	13.2	17

XMA-SS 1750 rpm N Version 24mm Hollow Shaft



Model	Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
XMASS3G10	3	1000	2.1	15	13.2	17

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RK-SS-Series Pumps

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RK-SS 1450 rpm N Version 24mm Solid Shaft



Model	Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
RKSS11.11	2.9	1600	3	18	10.8	22
RKSS13.17	3.43	2500	5.5	18	12.8	22
RKSS15.15	3.96	2200	5.5	18	14.6	22

RKA-SS 1750 rpm N Version 24mm Solid Shaft



Model	Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
RKASS2.3G15	2.3	1500	2.5	18	7	22
RKASS3G15	3	1500	3	18	9.8	22
RKASS3.6G12	3.6	1500	3	18	11.2	22

RKA-SS 1750 rpm E Version 5/8" Hollow Shaft



Model	Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
RKASS2.3G15	2.3	1500	2.4	18	7	22
RKASS3G15	3	1500	3	18	9.8	22
RKASS3.6G12	3.6	1500	3	18	11.2	22
RKASS4.2G15	4.2	1500	4.3	18	12	22

RKA-SS 1750 rpm E Version 1-1/8" Hollow Shaft



Model	Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
RKASS2.3G15	2.3	1500	2.4	18	7	22
RKASS3G15	3	1500	3	18	9.8	22
RKASS3.6G12	3.6	1500	3	18	11.2	22
RKASS4.2G15	4.2	1500	4.3	18	12	22

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XW-SS-Series Pumps

AR pumps are a combination of exceptional degree of technology and innovation, quality and reliability worthy of a leading brand on the market. The wide range includes many models which vary in terms of pressure, deliver, power and technical characteristics, to satisfy widely different market demands.

XWL-SS 1450 rpm N Version 24mm Solid Shaft



Model	Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
XWLSS42.15	11	2200	15	28	17.2	36

XWLA-SS 1750 rpm N Version 24mm Solid Shaft



Model	Max GPM	Max PSI	Power EBHP	Bore Dia mm	Stroke mm	Weight Lbs.
XWLASS12G22	12	2200	17.5	28	15	36

A-R PUMP PRICING - NET PRICING

RHW1515N	541.25
RK1528HN	334.85
RK1828HN	339.65
RK2120NL	339.65
RKA35G25N	323.65
RKA35G30EF17	339.65
RKA35G30N	323.65
RKA35G40HEF17	373.25
RKA35G40HN	334.85
RKA45G35HN	334.85
RKA48G30EF17	373.25
RKA4G20EF17	339.65
RKA4G20N	299.65
RKA4G30EF17	339.65
RKA4G30HEF17	373.25
RKA4G30N	323.65

RKA4G35N	334.85
RKA4G35NL	341.25
RKA4G40HJF22	392.45
RKA4G40HN	334.85
RKA4G40HNL	341.25
RKA55G13EF17	368.45
RKA55G30HN	339.65
RKA65G20HN	339.65
RKA7G20HEF17	379.65
RKA7G20HN	339.65
RKA7G20HN	339.65
RKASS23G15EF17	1,005.25
RKASS23G15EF33	1,005.25
RKASS23G15N	989.25
RKASS36G12EF17	1,005.25
RKASS36G12EF33	1,005.25

RKASS36G12N	989.25
RKASS3G15EF17	1,005.25
RKASS3G15EF33	1,005.25
RKASS3G15N	989.25
RKASS42G15EF17	1,005.25
RKASS42G15EF33	1,005.25
RKASS42G15N	989.25
RKSS1111N	989.25
RKSS1317N	989.25
RKSS1515N	989.25
RKV35G30ADF24	310.85
RKV35G35DF24	333.25
RKV35G40HDF24	342.85

A-R PUMP PRICING - NET PRICING

RKV45G32DF24	333.25
RKV45G40HDF24	342.85
RKV4G30ADF24	310.85
RKV4G32DF24	333.25
RKV4G35HDF24	342.85
RKV4G37DF24	333.25
RKV4G40HDF24	342.85
RKV55G40HDF24	342.85
RKV5G40HDF24	342.85
RKW1514N	408.45
RMV23G30EZ	182.85
RMV25G27D	170.05
RMV25G30D	179.65
RMV25G30EZ	182.85
RMV2G25D	170.05
RMW22G20D	142.85
RMW22G24EZ	146.05
RMW22G24EZSX	146.05
RMW22G24ST	146.05
RMW25G25D	170.05
RMW25G26DF7	173.25
RMW2G24B	163.65
RMW2G25D	170.05
RSV25G25DF25	266.05
RSV35G35DF40	280.45
RSV3G25DF25	266.05
RSV3G30DF25EZ	269.25
RSV3G35DF40	280.45
RSV4G30DF40	280.45
RSV4G40DF40	280.45
RSV4G40HDF40EZ	283.65
RTF135N	3,586.05
RTJ70	3,586.05
RTP30N	3,190.85
RTP38N	3,190.85
RW15	398.85
RW15	398.85
RW21	398.85
SHP1550N	938.05
SHP2250N	938.05
SJV25G25DF7	221.25
SJV25G27DF7	221.25
SJV3G27DEZ	230.85
SJV3G27DF7	227.65
SJW3G25DF27	227.65
SXMA35G30EF17	318.85
SXMA3G35EF17	318.85

SXMA4G30EF17	318.85
SXMV35G35DF24	280.45
SXMV35G40DF24	280.45
SXMV3G40DF24	280.45
SXMV4G40DF24	280.45
SXW1535	542.85
SXW2135	542.85
SXWA4G50	542.85
SXWA55G50	542.85
SXWA7G50	542.85
XHW1117N	480.45
XJV2G15EF8	227.65
XJV3G20EF8	227.65
XJW24G24DF27	227.65
XM1117N	250.05
XM1317N	254.85
XM1515N	254.85
XMA25G18EF33	259.65
XMA2G15EF33	259.65
XMA2G22EF33	259.65
XMA35G22N	254.85
XMA35G25EF17	283.65
XMA35G25N	250.05
XMA3G18EF33	259.65
XMA3G25EF17	283.65
XMA3G25N	250.05
XMA3G30EF17	283.65
XMA4G20N	254.85
XMASS05G15EF33	840.45
XMASS25G15EF33	840.45
XMASS3G10N	840.45
XMASS3G10N	840.45
XMASS3G15EF33	840.45
XMV25G26DF25	254.85
XMV2G25EF33	259.65
XMV35G20EF33	259.65
XMV35G25DF24	262.85
XMV35G25DF25	254.85
XMV35G25DF33	259.65
XMV35G30DF24	262.85
XMV3G25DF25	254.85
XMV3G25EF33	259.65
XMV3G27DF25	254.85
XMV3G30DF24	262.85
XMV3G32DF24	262.85
XMV4G30DF24	262.85
XMV4G32DF24	262.85

XT1114N	254.85
XT814N	250.05
XT914N	254.85
XTA05G10EBAF8	275.65
XTA1G15EF8	259.65
XTA2G15EBAF8	259.65
XTA2G15NBA	250.05
XTA2G22EF8	272.45
XTA2G22N	262.85
XTA3G16EBAF8	266.05
XTA3G16N	254.85
XTA3G19EF8	277.25
XTA3G19N	266.05
XTA4G15EBAF8	278.85
XTV05G10EF8	275.65
XTV2G15DBAF7	259.65
XTV2G15EBAF8	259.65
XTV2G22DF7	272.45
XTV2G22EF8	272.45
XTV3G16DF7	259.65
XTV3G16EF8	259.65
XTV3G22DF7	272.45
XTV3G22EF8	272.45
XW3025	490.05
XWA9G30N	490.05
XWAM4G40N	434.05
XWAM55G40N	434.05
XWAM7G40N	470.85
XWAM8G35N	470.85
XWF2620N	525.25
XWF3020N	525.25
XWF3617N	525.25
XWL4121N	562.05
XWL4215N	525.25
XWLA13G15N	525.25
XWLASS12G22N	1,661.25
XWLSS12G22N	1,661.25
XWLSS4215N	1,661.25
XWM1530	434.05
XWM2128	434.05
XWM2623	470.85
XWT2120N	525.25

A-R / ANNOVI REVERBERI REPAIR KITS - NET PRICING

Part Number	Description	PRICE			
AR1801	Kit: Bolt: Piston Lpt16/70	28.17	AR1865	Kit,Oil Seal,HPE	17.89
AR1803	Kit: ARK Seals Packing**	23.60	AR1866	Kit,Packing XTA,XTV	39.02
AR1804	Kit: ARK Packings 3Pc.	64.34	AR1869	Kit,Repair Combi-Set	11.85
AR1805	Kit,Packing 20mm	60.10	AR1870	Kit,Packing ARK **	142.47
AR1806	Kit,Packing ARK16.05-.07	64.29	AR1871	Kit,Trigger Assemb**	18.51
AR1808	Kit,Gasket Lpt16/70-130**	28.36	AR1872	Kit,Oil Seal	18.23
AR1810	Kit,Head Valve **	122.30	AR1873	Kit,Outer Seals XT/A/S	20.75
AR1811	Kit,P-Gide/O-Ring ARK**	6.04	AR1874	Kit: Waterseals, XT 18mm	40.35
AR1813	Kit,ARK **	6.04	AR1875	Kit,Piston ARK15.15A,20A	8.66
AR1815	Kit,Support Rings,XR-20mm	4.00	AR1876	Kit,Pump Seal VIP212	29.12
AR1816	Kit,Support Rings 22mm XR	4.47	AR1877	Kit,Plunger VIP212	65.62
AR1817	Kit,Guides Lpt16/180 **	91.84	AR1878	Kit,VIP	9.28
AR1819	Kit,Outer Seals **	35.78	AR1879	Kit,Packing VIP212	55.20
AR1820	Kit,Piston Ring Lpt16/180	3.28	AR1880	Kit,Valve VIP,XH,XB	17.94
AR1821	Kit,Packing**	95.84	AR1887	Kit,Water Seals, 20mm	64.62
AR1823	Kit,Piston Gide **	97.69	AR1888	Kit,Water Seals, 22mm	64.62
AR1824	Kit,Piston Ring Lpt**	9.76	AR1889	Kit,Piston Guide XL2609	67.71
AR1826	Kit,Piston Bolt Rings ARK	50.16	AR1890	Kit,Water Seal XL2609,20	153.04
AR1827	Kit,O-Ring/Gasket ARK15	28.03	AR1916	Kit,O-Ring	5.76
AR1828	Kit,Valves, XRV,RKV	25.98	AR1917	Kit,Valve	62.81
AR1829	Kit,Support Rings,XR-18mm	6.85	AR1922	Kit,Valve Seat Vulkolan	12.28
AR1830	Kit,Repair Zeromatic 82	6.04	AR1925	Kit,Maintenance Repair	16.18
AR1832	Kit,Rail **	12.90	AR1930	Kit,Diaphram Buna	16.51
AR1834	Kit,Repair Mini-Matic **	3.81	AR2029	Kit,Viton Seal XT 15mm	127.15
AR1835	Kit,Securit/83	7.76	AR2030	Kit,Viton Seal XTA 18mm	133.29
AR1839	Kit,Gasket Ring Valve ARK	8.99	AR2031	Kit,Viton Seal XRA	143.76
AR1840	Kit: AR252 **	24.32	AR2035	Kit,Viton Seals/O-Rings	132.38
AR1841	Kit: AR403**	33.88	AR2036	Kit,Viton Seals/O-Rings	116.30
AR1842	Kit,Piston 18mm XRV,XRA	100.74	AR2040	Kit,O-Ring Bolt Kit	9.52
AR1843	Kit,Piston XRA,XR	108.83	AR2043	Kit,O-Rings Bravo	19.51
AR1844	Kit,Piston 22mm,XR**	121.15	AR2044	Kit,Water Seals Bravo	26.74
AR1845	Kit,Gun AR428 **	19.84	AR2045	Kit,Oil Seals Bravo	8.99
AR1846	Kit,Oil Seal XLF,XL	36.21	AR2119	Kit,Gymatic Mounting Bolt	25.65
AR1847	Kit,Valve&O-Ring 20mm XLF	57.82	AR2120	Kit,Gym.20802 Mounting	23.08
AR1848	Kit,Piston Seal Screw XLF	40.35	AR2121	Kit,VR 3/B Mounting Bolt	11.42
AR1849	Kit,Pistons 28mm XLF,XL	169.26	AR2125	Kit,Valve SXM Series	22.08
AR1850	Kit,Piston 25mm ,XL	140.81	AR2126	Kit,Combiset Mntg Bolt	10.42
AR1853	Kit,Packing 28mm,XWT,F,L	115.35	AR2129	Kit,VR 3/B Unloader	43.54
AR1854	Kit,Packing 25mm,XL	158.18	AR2131	Kit,TSS	96.84
AR1855	Kit,Oil Seals XRA N	28.79	AR2136	Kit,Nozzle Cleaner	11.52
AR1856	Kit,Oil Seals XRA E,XRV	31.45	AR2154	Kit,Piston BKV	69.05
AR1857	Kit,Packing 18mm, RK	50.63	AR2155	Kit,Oil Seal BKV	10.18
AR1858	Kit,Repair Gymatic 2	11.23	AR2156	Kit,Water Seal BKV	25.03
AR1859	Kit,Rail XL (N) Low Rails	17.56	AR2157	Kit,O-Ring BKV	7.90
AR1860	Kit,Oil Seal C VersionXTV	20.99	AR2158	Kit,Viton Packing,3 Stack	451.35
AR1862	Kit,Seal+Gsk Gear Box **	13.75	AR2162	Kit,Valve	50.58
AR1863	Kit,Gskt&O-Ring **	12.09	AR2163	Kit,Piston	131.15
AR1864	Kit,Vlv XT XM Series	22.08	AR2164	Kit,Water Seal, XWL-SS	175.02
			AR2165	Kit,Piston Guide	398.58

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AR2167	Kit,Water Seal, SJV	14.04	AR2572	Kit,Mini-Matic Mounting	9.99
AR2170	Kit,VR-SS Unloader O-R	13.23	AR2574	Kit,Valve: NRG,Planet,Mr C	6.09
AR2185	Kit: Valve SHP	96.03	AR2575	Kit,Gasket,NRG,Planet,Mrc	8.33
AR2186	Kit,Valve RSV	18.46	AR2577	Kit,Valve	10.14
AR2187	Kit,Piston RSV	59.67	AR2581	Kit,Valve XJ-E	10.80
AR2188	Kit,Oil Seal RSV	18.42	AR2582	Kit,Water Seal XJ-E	20.46
AR2189	Kit,Water Seal RSV	28.08	AR2583	Kit,O-Ring XJ-E	5.66
AR2190	Kit,O-Ring RSV	4.47	AR2584	Kit,Check Valve SJV	20.60
AR2191	Kit,Support Rings, RSV	2.14	AR2585	Kit,Piston SJV	73.00
AR2233	Kit,Valve: RM Series	5.42	AR2586	Kit,Oil Seal SJV	9.04
AR2234	Kit,Piston,RM Series 55mm	13.99	AR2587	Kit,Water Seal SJV	22.70
AR2235	Kit,Water Seal RM	8.38	AR2588	Kit,O-Ring SJV	8.38
AR2236	Kit,Oil Seal,RM	6.42	AR2589	Kit,Cam And Bearing SJV	71.47
AR2237	Kit,O-Ring,RM Series	5.42	AR2591	Kit,Oil Seal	9.33
AR2249	Kit,Unloader BKV	31.31	AR2592	Kit,Oil Seal XJW-E	5.47
AR2252	Kit,Outlet + TSS**	40.88	AR2593	Kit,Piston XJV-XJW-E	16.04
AR2276	Kit,Water Seal 18mm	61.10	AR2594	Kit,Unloader XJ-E Version	27.22
AR2278	Kit,Wtr Seals,XW-M,20mm	71.81	AR2597	Kit,Inlet Valve XJ-E	5.14
AR2279	Kit,Piston Guides,XW-M,	52.39	AR2598	Kit,Outlet Valve XJ-E	5.14
AR2280	Kit,Unloader RSV Series	42.59	AR2599	Kit,Inlet Valve XJ	9.28
AR2288	Kit,Piston 20mm:XW-M	112.83	AR2606	Kit,Oil Seal XH2G12	31.22
AR2323	Kit,Gear Box X Flng&Bolts	52.11	AR2609	Kit,Repair Mini-Matic 3B	6.04
AR2332	Kit,Seal	6.66	AR2611	Kit,Repair Gymatic 3/B	12.42
AR2500	Kit,Piston 18mm:RCW	121.15	AR2621	Kit,Seal:Genius **	7.19
AR2501	Kit,Piston 22mm:RCW	146.85	AR2622	Kit,Oil Seal **	7.19
AR2502	Kit,Water Seal 18mm:RCW	115.02	AR2623	Kit,Piston: VIP & HPV	42.07
AR2503	Kit,Water Seal 22mm:RCW	32.07	AR2624	Kit,Seals: VIP,HPV,XH	46.40
AR2504	Kit,F35 Coupling	21.27	AR2628	Kit,Piston: XT,HPE	70.19
AR2505	Kit,VR 3/B Unloader O-R	13.23	AR2629	Kit,Piston: XT,HPE (18mm)	76.80
AR2507	Kit,Piston Guides 28mm	57.44	AR2631	Kit,Valve XMA-SS	38.31
AR2508	Kit: Piston	11.28	AR2640	Kit,Unloader J w/O Knob	42.59
AR2511	Kit,Oil Seal XJV-E	4.33	AR2644	Kit,Water Seal,XMA-SS	52.87
AR2513	Kit,Piston SJ Series	55.01	AR2645	Kit,Piston XMA-SS	83.09
AR2514	Kit,Valve 18mm:RK-SS	31.84	AR2660	Kit,O-Ring	6.80
AR2516	Kit,Water Seal 18mmRK-SS	79.14	AR2666	Kit,Outlet Valve XJ	8.76
AR2526	Kit,Piston 22mm:RK-A-SS	135.76	AR2670	Kit,Unloader **	6.85
AR2527	Kit,Water Seal 22mmRK-SS	114.63	AR2674	Kit,Mounting Bolts XRV	11.61
AR2528	Kit,Oil Seal 18mmRK-SS	21.56	AR2683	Kit:Special F8 Flange	13.85
AR2529	Kit,Oil Seal 18mmRK-SS	23.36	AR2687	Kit,Gasket	10.47
AR2539	Kit,Piston 18mm:RCW	121.15	AR2688	Kit: Unloader VIP	47.63
AR2541	Kit,Piston 22mm:RCW	146.85	AR2697	Kit,Repair Combi-Set New	12.13
AR2542	Kit,Piston 20mm:XW-XWA	109.21	AR2700	Kit,Valve Artika,Target	15.61
AR2543	Kit,Piston 22mm:XW,XWA	112.49	AR2701	Kit,Piston Artika,Target	36.45
AR2544	Kit,Piston 15mm:XM,XMA-V	67.00	AR2703	Kit,Water&Oil Seals Artika	29.60
AR2545	Kit,Piston 18mm:XM,XMA-V	74.71	AR2715	Kit,Repair Combi-Set New	4.00
AR2546	Kit,Piston 18mm:RK,RKA-V	84.66	AR2725	Kit,Hot/Dry 15mm XT,XJ	135.43
AR2547	Kit,Piston 20mm:RK,RKA	89.60	AR2726	Kit,Hot/Dry Cup 18mm	140.57
AR2548	Kit,Piston 18mm:SWW,RW	97.36	AR2733	Kit,Valve Artika,Target	15.08
AR2552	Kit,Piston 18mm:RK-A-SS	135.76	AR2734	Kit,Piston Artika,Target	17.42

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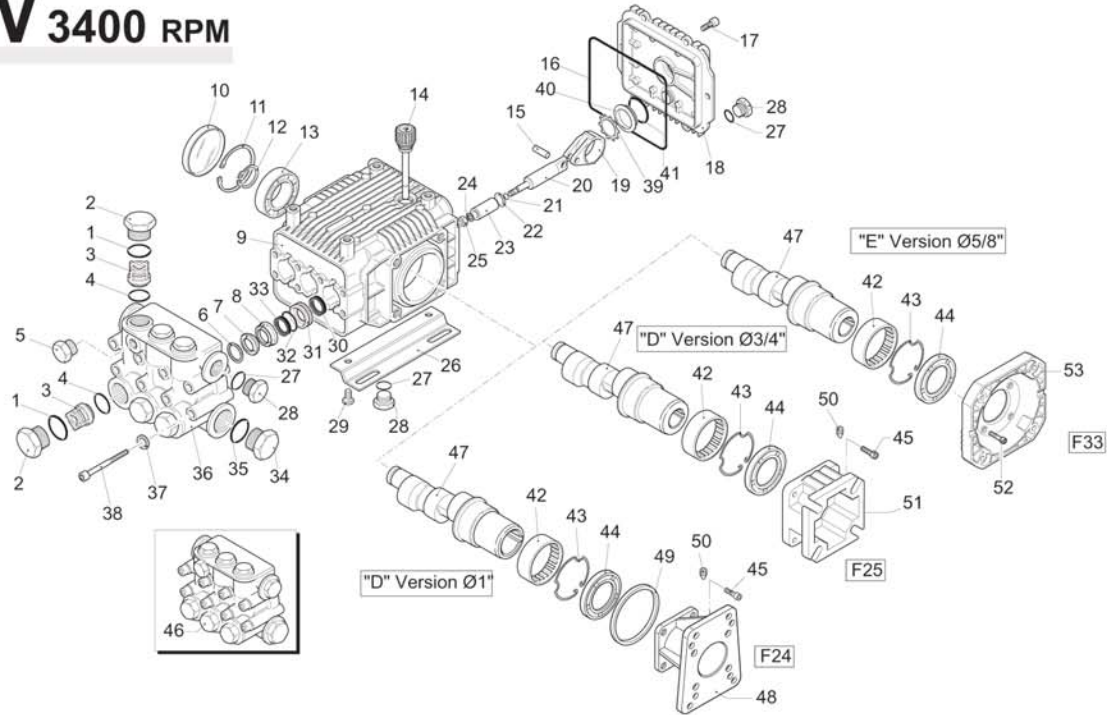
AR2735	Kit,Seal Artika,Target	22.03	AR2859	Kit,Injector 1.8mm XJW	7.00
AR2740	Kit,Support Ring 15mm	2.19	AR2864	Kit,Valve RK,RKA,RCW,RW	27.12
AR2741	Kit,Seal, 15mm, XM	40.45	AR2868	Kit,Gasket Extreme	9.33
AR2744	Kit,Manifold Assy. XFV	9.28	AR2869	Kit,Valve XJ "New"	22.08
AR2745	Kit,Support Ring (XM)18mm	2.66	AR2871	Kit,Valve SXW	72.33
AR2746	Kit,Piston 18mm (XM)	74.71	AR2873	Kit,Oil Seal SXW,RW	20.08
AR2747	Kit,Seal 18mm (XMA)	44.49	AR2874	Kit,Seal 18mm SXW	74.81
AR2759	Kit,Pistons Only,RK 22mm	139.09	AR2875	Kit,Piston Guide 18mm **	85.32
AR2765	Kit,Packing Guide BrassXL	67.38	AR2876	Kit,O-Ring VR35	6.61
AR2766	Kit,Piston Guide 28mm	67.38	AR2948I-RKIT	Kit	1.33
AR2767	Kit,O-Ring	2.71	AR2948-RKIT	Kit	11.75
AR2776	Kit,Viton 15mm, XM	134.24	AR2957	Kit,Piston	121.11
AR2777	Kit,Hot/Dry Cup 18mm XM	134.24	AR3331-RKIT	Kit,AR3331 Injector	1.67
AR2778	Kit,Hot/Dry Cup 20mm XWA	93.41	AR3541	Kit,Nozzle Cleaning	1.90
AR2779	Kit,Hot/Dry Cup 22mm XWA	89.89	AR42019	Kit,TSS Pump Assy	90.27
AR2780	Kit,Valve XWA Series	58.15	AR42020	Kit,TSS Artika	30.46
AR2781	Kit,Oil Seal XWA	27.36	AR42036	Kit,Check Valve	1.33
AR2782	Kit,Water Seal 20mm XWA	57.86	AR42037	Kit,Spring Pre Assy	8.09
AR2783	Kit,Water Seal,XW,22mm	61.62	AR42038	Kit,Spring Pre Assy	8.09
AR2784	Kit,Piston Guide XWA	43.49	AR42090	Kit: Nozzle	232.98
AR2785	Kit,Piston Guide XWA9G16	53.15	AR42091	Kit: Service	57.29
AR2786	Kit,Oil Seal XMA	17.99	AR42107	Kit,O-Ring	3.09
AR2787	Kit,Oil Seal XMV (D)	25.79	AR42118	Kit,Unloader RM Series	23.94
AR2793	Kit,Gear Box	18.42	AR42120	Kit,Piston Guide, SXw/SHP	59.82
AR2796	Kit,Piston XJ	77.28	AR42122	Kit,Water Seal,RM	5.04
AR2797	Kit,Oil Seal XJ-SJ	10.18	AR42123	Kit,Valve: RMV	9.23
AR2798	Kit,Water Seal XJV	30.17	AR42125	Kit,Injector SJV	3.33
AR2799	Kit,O-Ring XJ,SJ	9.52	AR42128	Kit,Unloader RSV	23.89
AR2800	Kit,Seal, Old Style SJV	31.50	AR42129	Kit,Unldr Valve Seat RSV	7.00
AR2802	Kit,Gear Box Bolts	29.69	AR42141	Kit,Grub Screw w/Washer	1.76
AR2809	Kit,Viton 18mm XRCA,XRCV	109.02	AR42142	Kit,EZ Start, RM	3.38
AR2810	Kit,Viton 20mm XRC,XRCA	109.02	AR42146	Kit,Bolt	9.85
AR2811	Kit,Hot Water 22mm XRCA,V	204.00	AR42147	Kit,Fixed Injector	12.56
AR2812	Kit,Repair Mini-Matic 4/B	3.00	AR42149	Kit,Piston RKV 1 Ea	14.61
AR2815	Kit,Hot Water 15mm XT	188.77	AR42156	Kit,Valve RTP	108.12
AR2816	Kit,Hot Water 18mm XT	193.48	AR42157	Kit,Piston RTP	664.68
AR2817	Kit,Hot Water 15mm XM	153.32	AR42158	Kit,Oil Seal RTP	147.52
AR2818	Kit,Hot Water 18mm XM **	154.27	AR42159	Kit,Water Seal RTP	321.68
AR2819	Kit,Hot Water 18mm XRCA,V	187.63	AR42160	Kit,Piston Guide RTP	324.35
AR2820	Kit,Hot Water 20mm XRCA,V	199.39	AR42161	Kit,Piston,RM Series	13.99
AR2821	Kit,Hot Water 22mm XRCA,V	204.00	AR42165	Kit,Water Inlet RM	6.42
AR2823	Kit,Unloader	142.42	AR42168	Kit,TSS Conversion Artika	9.09
AR2824	Kit,Unldr J Series*Memo*	42.59	AR42171	Kit,Water Seal 18mm:RW	33.26
AR2825	Kit,Bearing	40.78	AR42172	Kit,Piston Guide 18mm RW	85.32
AR2826	Kit,Bearing **	40.78	AR42193	Kit,Unloader RM Series	22.79
AR2831	Kit,Combi Set Injector	15.75	AR42212	Kit,Hot Water 15 Dia. XM	230.70
AR2855	Kit: Seal	6.19	AR42213	Kit,Hot Water 18 Dia. RK	236.88
AR2856	Kit: Valve	8.04	AR42302	Kit,Valve	11.99
AR2858	Kit,Unloader 4/B, SJV	44.16	AR42304	Kit,EZ Start RSV	11.61

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AR42307	Kit,Valve RTF	118.16
AR42308	Kit,Piston RTF	452.45
AR42309	Kit,Oil Seal RTF	15.37
AR42310	Kit,Water Seal RTF	292.99
AR42311	Kit,Piston Guide RTF	341.67
AR42321	Kit,Water Inlet	7.76
AR42327	Kit,Valve	9.66
AR42361	Kit,Viton 15mm, XM*	42.87
AR42369	Kit,Unloader RSV Series	42.59
AR42396	Kit,Unloader Piston VR-SS	73.90
AR42397	Kit,Unloader Jet VR-SS	20.22
AR829070	Kit:Seals Lpt 16/180 **	108.59
AR829270	Kit:Seals Lpt 25/120 **	108.59

XMV 3400 RPM



Pos.	Code	Description	Qty.
1	960160	O-Ring	6
2	1260162	Valve cap (442 in/lbs)	6
3	1260162T	Valve Cap 1/4" threaded (442 in/lbs)	1
3	1269050	Complete valve	6
4	880830	O-Ring	6
5	620301	Plug 1/8G	1
6	1780130	Support ring	3
7	1260130	High pressure packing	3
8	1780090	Piston guide	3
9	1780010	Pump body	1
10	1266740	Cap	1
11	1260790	Circlip	1
12	1780550	Snap ring	1
13	1780490	Bearing	1
14	880130	Oil cap	1
15	1780050	Piston pin	3
16	1780510	O-Ring	1
17	1200430	Bolt (89 in/lbs)	6
18	1789010	Complete cover	1
19	1780040	Con rod	3
20	1780060	Guiding piston	3
21	480480	O-Ring	3
22	1260091	Washer (slinger)	3
23	1780070	Plunger	3
24	1260100	Piston washer	3
25	1260110	Nut (106 in/lbs)	3
26	1380141	Mounting rail	2
26b	2729	5/8" Rail Kit	1
26c	2633H	2-5/8" Rail Kit	1
27	740290	O-Ring	3
28	1980740	3/8" G plug	3
29	1260470	Bolt	4
30	1260460	Seal	3
31	1780100	Rear piston guide	3
32	770260	O-Ring	3
33	1260440	Low pressure seal	3
34	820361	Brass Plug	1
35	180101	O-Ring	1
36	1780380	Pump head	1
37	1381550	Washer	8
38	1322730	Head bolt (133 in/lbs)	8
39	1260430	Snap ring	1
40	1260250	Oil sight glass	1

Pos.	Code	Description	Qty.
41	1140450	O-Ring	1
42	1321190	Bearing	1
43	1321080	Snap ring	1
44	480671	Oil seal	1
45	180030	Bolt	4
46	1789200	Pump head pre assem.	1
47	1780340	Hollow shaft Ø1"	□ 1
47	1780920	Hollow shaft Ø1"	▽ 1
47	1780330	Hollow shaft Ø1"	◇ 1
47	1780590	Hollow shaft Ø3/4"	○ 1
47	1780930	Hollow shaft Ø3/4"	□ 1
47	1780860	Hollow shaft Ø5/8"	◇ 1
48	1597	Gas engine flange	1
49	1780430	Bushing	1
50	820440	Set screw	1
51	1780580	Gas engine flange	1
52	620610	Bolt	1
53	1780910	Electric motor flange	1

Legend

Ø15	Ø15	Ø15	Ø15
For ○	For □	For ▼	For ◆
XMV3G25	XMV3.5G22	XMV4G20	XMV2G25
XMV3G26	XMV3.5G25	XMV4G22	
XMV3G27	XMV3.5G30	XMV4G25	
XMV3G30		XMV4G30	

Repair Kits

Water Seals	Valves	Pistons	Oil Seals
Kit 2741	Kit 1864	Kit 2544	Kit 2787
Pos. Qty.	Pos. Qty.	Pos. Qty.	Pos. Qty.
7 3	3 6	21 3	10 1
32 3	4 6	22 3	16 1
33 3		23 3	30 3
		24 3	44 1
		25 3	

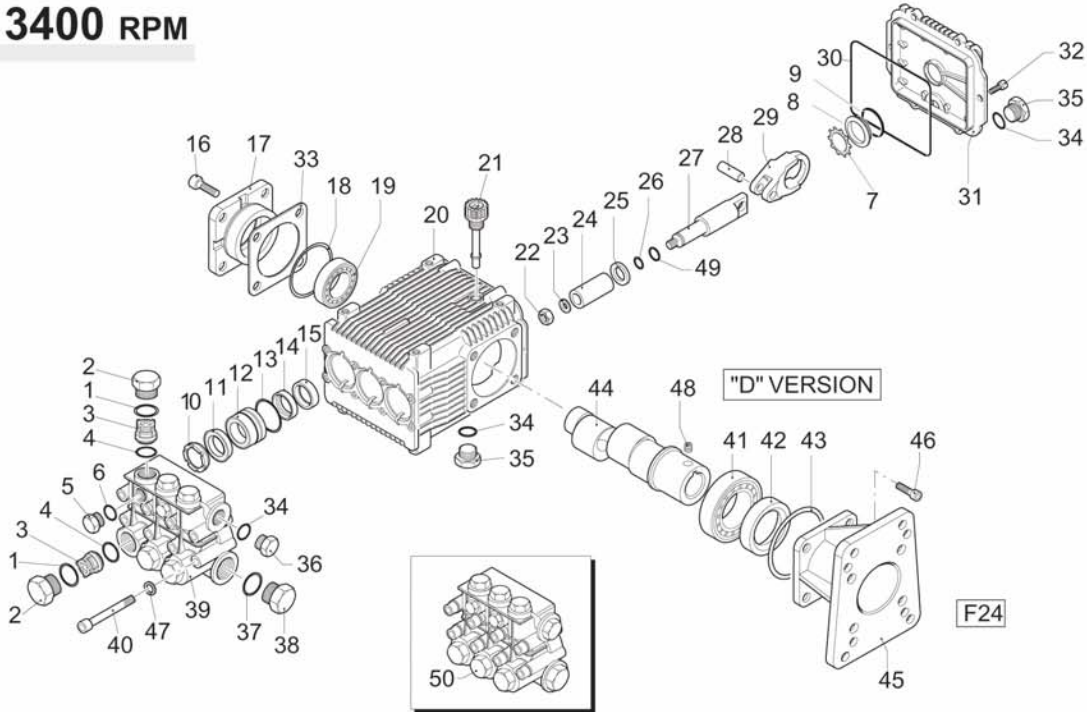
Support Rings

Kit 2740
Pos. Qty.
6 3

Special Parts

Code	Description	Qty.
2776	Viton water seals Ø15	1
2817	Kit for up to 180°F Ø15 High Temp	1

RKV 3400 RPM



Pos.	Code	Description	Qty.
1	960160	O-Ring	6
2	960090	Valve cap Brass (478 in/lbs)	6
3	960850	Valve cap SS (478 in/lbs)	6
4	960090T	Brass valve cap 1/4" threaded	1
5	960850T	SS valve cap 1/4" threaded	1
6	889052	Complete valve	6
7	1389051	Complete valve	6
8	880830	O-Ring	6
9	880581	Plug 1/4G Brass	2
10	1380690	Plug 1/4G NP	2
11	820510	O-Ring	2
12	1260430	Snap ring	1
13	1260250	Oil sight glass	1
14	1140450	O-Ring	1
15	960110	Support ring	3
16	880320	High pressure packing	3
17	1380090	Piston guide	3
18	961240	O-Ring	3
19	880330	Gasket	3
20	1383130	Oil seal	3
21	850370	Bolt (217 in/lbs)	8
22	1380050	Closed bearing sup.	1
23	640030	O-Ring	2
24	2280240	Bearing	1
25	1382770	Pump housing	1
26	880130	Oil cap	1
27	962010	Nut (106 in/lbs)	3
28	962000	Washer	3
29	1380940	Piston	3
30	1380950	Slinger	3
31	600180	O-Ring	3
32	1380920	Guiding piston	3
33	1380060	Piston pin	3
34	1383050	Aluminum con-rod	3
35	1383020	Bronze con-rod	3
36	1780510	O-Ring	1
37	1789010	Complete cover	1
38	1343510	Bolt (89 in/lbs)	6
39	1380120	0.10mm shim	1-3
40	1380130	0.20mm shim	1-3
41	1380530	0.25mm shim	1-3
42	1382810	0.05mm shim	1-3
43	740290	O-Ring	3
44	1980740	3/8" G plug	2

Pos.	Code	Description	Qty.
36	1980740	3/8" G plug Brass	1
37	1981180	3/8" G plug NP	1
38	180101	O-Ring	1
39	820361	Plug 1/4G Brass	1
40	960870	Plug 1/4G NP	1
41	1381071	Pump head	1
42	1381070	Pump head	1
43	820150	Head bolt (217 in/lbs)	8
44	1380320	Bearing	1
45	621170	Oil seal	1
46	1380220	O-Ring	1
47	2280140	Hollow shaft 1"	1
48	2280130	Hollow shaft 1"	1
49	2280590	Hollow shaft 1"	1
50	2280600	Hollow shaft 1"	1
51	1597	Gas engine flange	1
52	180030	Bolt	4
53	1381850	Washer	8
54	820440	Set screw	1
55	1080401	Back-up ring	3
56	1389232	Complete pump head	1
57	1389228	Complete pump head	1
58	1389224	Complete pump head	1

Legend

Ø 18	Ø 18	Ø 18	Ø 18
For ○	For □	For ▼	For ◆
RKV3.5G30	RKV4G30A	RKV5G32 RKV4.5G40H	RKV5.5G40H
For ■	For ▲	For ★	
RKV4G32	RKV3.5G35H RKV3.5G40H	RKV4G35H RKV4G36 RKV4G40H	

Repair Kits

Water Seals	Valves	Pistons	Oil Seals
Kit 1857	Kit 1828	Kit 2546	Kit 1856
Pos. Qty.	Pos. Qty.	Pos. Qty.	Pos. Qty.
11 3	3 6	22 3	15 3
13 3	4 6	23 3	18 2
14 3		24 3	30 1
		25 3	42 1
		26 3	43 1
		49 3	

Support Rings

Kit 1829
Pos. Qty.
10 3

Special Parts

Code	Description	Qty.
2809	Viton water seals Ø18	1
2819	Water seal in 180°F Ø18	1



P-Series High Pressure Plunger Pumps

- 7-3/4" L x 8" W x 4" H (Solid Shaft Model)
- Brass Manifold
- Heat Treated Crankshaft
- Stainless Steel Piston Guides
- High Strength Aluminum Alloy or Bronze Connecting Rods
- Industrial Quality Ball Bearings and Needle Bearings
- 12 oz. Capacity Vented Oil Bath Crank Case
- 3/8" Inlet 3/8" Outlet
- Solid Ceramic Plungers
- Stainless Steel Check Valves
- Heavy Duty Flat Base High Pressure Seals
- Max. Fluid Temp. 160°F



Solid Shaft Models

24 mm Keyed, Solid Shaft

	MODEL	GPM	PSI	POWER REQUIREMENTS	SEAL KIT	VALVE KIT	WEIGHT
1450 RPM	PNC 11/17-S	3.0	2500	5 HP Electric	UD-8	UD-1	12 lbs.
	PNC 13/15-S	3.5	2000	5 HP Electric	UD-8	UD-1	12 lbs.
1750 RPM	PND 3.0/20-S	3.0	2000	4 HP Electric	UD-7	UD-1	12 lbs.
	PND 3.5/20-S	3.5	2000	5 HP Electric	UD-8	UD-1	12 lbs.
	PND 4.0/15-S	4.0	1500	4 HP Electric	UD-8	UD-1	12 lbs.
Rail Kit	8702.10	Standard (7/8") Rail Kit for P-Series Solid Shaft Pumps					



Direct Drive, Gas Engine Flange Models

3/4" Hollow Shaft with Mounting Flange and Set Screw

	MODEL	GPM	PSI	POWER REQUIREMENTS	SEAL KIT	VALVE KIT	WEIGHT
3400 RPM	PNL 3.0/20-T	3.0	2000	5.5 HP Gas	UD-7	UD-1	13 lbs.
	PNL 3.0/25-T	3.0	2500	6.5 HP Gas	UD-7	UD-1	14 lbs.
	PNL 3.5/22-T	3.5	2200	6.5 HP Gas	UD-7	UD-1	14 lbs.



Gear Reduction, Gas Engine Models

3/4" Hollow Shaft
2.2:1 Gear Reduction

	MODEL	GPM	PSI	POWER REQUIREMENTS	SEAL KIT	VALVE KIT	WEIGHT
Gear Reduction	PNC 11/17-GR	3.0	2500	6.5 HP Gas	UD-8	UD-1	18 lbs.
	PNC 13/15-GR	3.5	2000	6.5 HP Gas	UD-8	UD-1	18 lbs.

P-Series High Pressure Plunger Pumps



Direct Drive, Electric Flange Models

5/8" Hollow Shaft with NEMA 56C Flange

	MODEL	GPM	PSI	POWER REQUIREMENTS	SEAL KIT	VALVE KIT	WEIGHT
1750 RPM	PND 1.0/20-Z	1.0	2000	1.5 HP Electric	UD-7	UD-1	13 lbs.
	PND 1.5/20-Z	1.5	2000	2 HP Electric	UD-7	UD-1	13 lbs.
	PND 2.0/20-Z	2.0	2000	3 HP Electric	UD-7	UD-1	13 lbs.
	PND 3.0/15-ZA*	3.0	1500	3 HP Electric	UD-7	UD-1	11 lbs.
	PND 3.0/20-Z	3.0	2000	4 HP Electric	UD-7	UD-1	13 lbs.
	PND 4.0/15-Z	4.0	1500	4 HP Electric	UD-8	UD-1	13 lbs.
3400 RPM	PNL 2.0/20-Z	2.0	2000	3 HP Electric	UD-7	UD-1	13 lbs.
	PNL 3.0/20-Z	3.0	2000	4 HP Electric	UD-7	UD-1	13 lbs.

* "A" denotes aluminum head

M-Series High Pressure Plunger Pumps

- 9-1/2" L x 8-1/2" W x 4-1/2" H (Solid Shaft Model)
- Brass Manifold
- Heat Treated Crankshaft
- Stainless Steel Piston Guides
- Replaceable Teflon Coated Body Guides
- High Strength Aluminum Alloy Connecting Rods
- Heavy Duty Flat Base High Pressure Seals
- 20 oz. Capacity Vented Oil Bath Crank Case
- 1/2" Inlet 3/8" Outlet
- Solid Ceramic Plungers
- Stainless Steel Check Valves
- Industrial Quality Tapered Roller Bearings
- Max. Fluid Temp. 160°F



Solid Shaft Models

24 mm Keyed, Solid Shaft

	MODEL	GPM	PSI	POWER REQUIREMENTS	SEAL KIT	VALVE KIT	WEIGHT
1450 RPM	MC 13/20-S	3.5	3000	7 HP Electric	UD-28	UD-2	23 lbs.
	MC 15/20-S	4.0	3000	7.5 HP Electric	UD-28	UD-2	23 lbs.
	MC 18/20-S	5.0	3000	10 HP Electric	UD-9	UD-2	23 lbs.
1750 RPM	MD 4.0/20-S	4.0	2000	5 HP Electric	UD-28	UD-2	23 lbs.
	MD 4.0/30-S	4.0	3000	7.5 HP Electric	UD-28	UD-2	23 lbs.
	MD 5.0/25-S	5.0	2500	7.5 HP Electric	UD-28	UD-2	23 lbs.
Rail Kits	8702.10	Standard (7/8") Rail Kit for M-Series Solid Shaft Pumps					
	8702.20	Tall (2-1/2") Rail Kit for M-Series Solid Shaft Pumps					



M-Series High Pressure Plunger Pumps



Direct Drive, Gas Engine Flange Models

1" Hollow Shaft with Mounting Flange and Set Screw

	MODEL	GPM	PSI	POWER REQUIREMENTS	SEAL KIT	VALVE KIT	WEIGHT
3400 RPM	ML 3.5/30-W	3.5	3000	9 HP Gas	UD-28	UD-2	25 lbs.
	ML 4.0/30-W	4.0	3000	11 HP Gas	UD-28	UD-2	25 lbs.
	ML 5.0/30-W	5.0	3000	14.5 HP Gas	UD-28	UD-2	25 lbs.



Direct Drive, Gas Engine Flange Models

1" Hollow Shaft with Mounting Flange and Set Screw

	MODEL	GPM	PSI	POWER REQUIREMENTS	SEAL KIT	VALVE KIT	WEIGHT
3400 RPM	ML 3.5/35-W	3.5	3500	11 HP Gas	UD-7	UD-30	27 lbs.
	ML 4.0/35-W	4.0	3500	13 HP Gas	UD-7	UD-30	27 lbs.



Gear Reduction Drive, Gas Engine Models

1" or 1-1/8" Hollow Shaft (Please Specify)

2.2:1 Gear Reduction

	MODEL	GPM	PSI	POWER REQUIREMENTS	SEAL KIT	VALVE KIT	WEIGHT
Gear Reduction	MC 13/20-GR	3.5	3000	9 HP Gas	UD-28	UD-2	33 lbs.
	MC 15/20-GR	4.0	3000	11 HP Gas	UD-28	UD-2	33 lbs.
	MC 18/20-GR	5.0	3000	14.5 HP Gas	UD-9	UD-2	33 lbs.



Direct Drive, Electric Flange Models

1-1/8" Hollow Shaft with 182/184 Mounting Flange and Set Screw

	MODEL	GPM	PSI	POWER REQUIREMENTS	SEAL KIT	VALVE KIT	WEIGHT
1750 RPM	MD 4.0/20-U	4.0	2000	5 HP Electric	UD-28	UD-2	26 lbs.
	MD 4.0/30-U	4.0	3000	7.5 HP Electric	UD-28	UD-2	26 lbs.
	MD 5.0/25-U	5.0	2500	7.5 HP Electric	UD-28	UD-2	26 lbs.
	MD 5.0/30-U	5.0	3000	10 HP Electric	UD-28	UD-2	26 lbs.

SUPER DUTY MK-Series High Pressure Plunger Pumps

- Heavy Duty Bronze or High Strength Aluminum Alloy Connecting Rod Assemblies 1 lb. each
- Heavy Duty Reinforced Brass Heads with External and Internal Bracing
- Large Diameter Stainless Steel Valve Caps with Increased Thread Depth
- Reinforcing Ring on Inlet and Discharge Ports
- Deeper Back Covers for Increased Oil Capacity. 28 oz. Crank Case Capacity



Solid Shaft Models

24 mm Keyed, Solid Shaft

	MODEL	GPM	PSI	POWER REQUIREMENTS	SEAL KIT	VALVE KIT	WEIGHT
1450 RPM	MKC 13/28-S	3.5	4000	10 HP Electric	UD-28	UD-30	27 lbs.
	MKC 15/28-S	4.0	4000	10 HP Electric	UD-28	UD-30	27 lbs.
	MKC 18/24-S	5.0	3500	12.5 HP Electric	UD-9	UD-30	27 lbs.
	MKC 20/24-S	5.5	3500	15 HP Electric	UD-9	UD-30	27 lbs.
1750 RPM	MKD 4.0/40-S	4.0	4000	10 HP Electric	UD-28	UD-30	27 lbs.
	MKD 5.0/35-S	5.0	3500	12.5 HP Electric	UD-28	UD-30	27 lbs.
Rail Kits	8702.10	Standard (7/8") Rail Kit for MK-Series Solid Shaft Pumps					
	8702.20	Tall (2-1/2") Rail Kit for MK-Series Solid Shaft Pumps					



Direct Drive, Gas Engine Flange Models

1" Hollow Shaft with Mounting Flange and Set Screw

	MODEL	GPM	PSI	POWER REQUIREMENTS	SEAL KIT	VALVE KIT	WEIGHT
3400 RPM	MKL 3.5/40-W	3.5	4000	14.5 HP Gas	UD-7	UD-30	28 lbs.
	MKL 4.0/40-W	4.0	4000	16 HP Gas	UD-7	UD-30	28 lbs.
	MKL 5.0/35-W	5.0	3500	16 HP Gas	UD-28	UD-30	28 lbs.



Gear Reduction Drive, Gas Engine Models

1" or 1-1/8" Hollow Shaft (Please Specify) • 2.2:1 Gear Reduction

	MODEL	GPM	PSI	POWER REQUIREMENTS	SEAL KIT	VALVE KIT	WEIGHT
Gear Reduction	MKC 13/28-GR	3.5	4000	14.5 HP Gas	UD-28	UD-30	37 lbs.
	MKC 15/28-GR	4.0	4000	16 HP Gas	UD-28	UD-30	37 lbs.
	MKC 18/24-GR	5.0	3500	16 HP Gas	UD-9	UD-30	37 lbs.
	MKC 20/24-GR	5.5	3500	18 HP Gas	UD-9	UD-30	37 lbs.



SUPER DUTY MK-Series High Pressure Plunger Pumps



MKD 4.5/30-UL

Direct Drive, Electric Flange Models

1-1/8" Hollow Shaft with 182/184 Mounting Flange and Set Screw



MKD 4.0/30-U

	MODEL	GPM	PSI	POWER REQUIREMENTS	SEAL KIT	VALVE KIT	WEIGHT
1750 RPM	MKD 4.0/30-U	4.0	3000	7.5 HP Electric	UD-28	UD-30	30 lbs.
	MKD 4.5/30-UL	4.5	3000	10 HP Electric	UD-9	UD-30	30 lbs.

G-Series High Pressure Plunger Pumps

- 13" L x 9-3/4" W x 5-1/2" H (Solid Shaft Model)
- Brass Manifold
- Heat Treated Crankshaft
- Stainless Steel Piston Guides
- Replaceable Teflon Coated Body Guides
- High Strength Aluminum Alloy Connecting Rods with Guide Pins for Perfect Cap Alignment - 1 lbs. each
- Industrial Quality Tapered Roller Bearings
- Max. Fluid Temp. 160°F
- 3/4" Inlet 3/8" Outlet
- Solid Ceramic Plungers
- Stainless Steel Check Valves
- Heavy Duty Flat Base High Pressure Seals
- 40 oz. Capacity Vented Oil Bath Crank Case



Solid Shaft Models

24 mm Keyed, Solid Shaft

	MODEL	GPM	PSI	POWER REQUIREMENTS	SEAL KIT	VALVE KIT	WEIGHT
1450 RPM	GC 21/20-S	5.5	3000	12.5 HP Electric	UD-10	UD-3	36 lbs.
	GC 26/20-S	7.0	3000	15 HP Electric	UD-10	UD-3	36 lbs.
	GC 30/17-S	8.0	2500	15 HP Electric	UD-11	UD-3	36 lbs.
	GC 38/15-S	10.0	2200	15 HP Electric	UD-12	UD-3	36 lbs.
1750 RPM	GD 5.5/30-S	5.5	3000	12.5 HP Electric	UD-10	UD-3	36 lbs.
	GD 7.0/22-S	7.0	2200	10 HP Electric	UD-10	UD-3	36 lbs.
	GD 8.0/22-S	8.0	2200	10 HP Electric	UD-10	UD-3	36 lbs.
Rail Kits	8702.07	Medium (1-3/4") Rail Kit for G-Series Solid Shaft Pumps					
	8702.08	Standard (1") Rail Kit for G-Series Solid Shaft Pumps					
	8702.25	Tall (2-1/2") Rail Kit for G-Series Solid Shaft Pumps					

G-Series High Pressure Plunger Pumps



Gear Reduction Drive, Gas Engine Models

1" or 1-1/8" Hollow Shaft (Please Specify)

2.2:1 Gear Reduction

	MODEL	GPM	PSI	POWER REQUIREMENTS	SEAL KIT	VALVE KIT	WEIGHT
Gear Reduction	GC 21/20-GR	5.5	3000	16 HP Gas	UD-10	UD-3	46 lbs.
	GC 26/20-GR	7.0	3000	20 HP Gas	UD-10	UD-3	46 lbs.
	GC 30/17-GR	8.0	2500	20 HP Gas	UD-11	UD-3	46 lbs.
	GC 38/15-GR	10.0	2200	20 HP Gas	UD-12	UD-3	46 lbs.

SUPER DUTY GK-Series High Pressure Plunger Pumps

- Heavy Duty Bronze Connecting Rod Assemblies with Guide Pins for Perfect Cap Alignment 2 lbs. each.
- Heavy Duty Reinforced Brass Heads with External and Internal Bracing • Reinforcing Ring on Inlet and Discharge Ports
- Large Diameter Stainless Steel Valve Caps with Increased Thread Depth
- Deeper Back Covers for Increased Oil Capacity. 40 oz. Crank Case Capacity



Solid Shaft Models

24 mm Keyed, Solid Shaft

	MODEL	GPM	PSI	POWER REQUIREMENTS	SEAL KIT	VALVE KIT	WEIGHT
1450 RPM	GKC 17/28-S	4.5	4000	12.5 HP Electric	UD-10	UD-31	39 lbs.
	GKC 21/28-S	5.5	4000	15.0 HP Electric	UD-10	UD-31	39 lbs.
	GKC 26/24-S	7.0	3500	17.0 HP Electric	UD-10	UD-31	39 lbs.
	GKC 26/28-S	7.0	4000	20.0 HP Electric	UD-10	UD-31	40 lbs.
	GKC 30/20-S	8.0	3000	17.0 HP Electric	UD-11	UD-3	39 lbs.
	GKC 30/24-S	8.0	3500	20.0 HP Electric	UD-11	UD-3	40 lbs.
	GKC 38/17-S	10.0	2500	17.0 HP Electric	UD-12	UD-3	39 lbs.
	GKC 38/20-S	10.0	3000	20.0 HP Electric	UD-12	UD-3	40 lbs.
	GKC 42/15-S	11.5	2200	17.0 HP Electric	UD-12	UD-3	39 lbs.
	GKC 50/12-S	12.5	2000	17.0 HP Electric	UD-12	UD-3	39 lbs.
1750 RPM	GKD 5.5/40-S	5.5	4000	15.0 HP Electric	UD-10	UD-31	39 lbs.
	GKD 7.0/35-S	7.0	3500	17.0 HP Electric	UD-10	UD-31	39 lbs.
Rail Kits	8702.07	Medium (1-3/4") Rail Kit for GK-Series Solid Shaft Pumps					
	8702.08	Standard (1") Rail Kit for GK-Series Solid Shaft Pumps					



SUPER DUTY GK-Series High Pressure Plunger Pumps



Gear Reduction Drive, Gas Engine Models

1" or 1-1/8" Hollow Shaft (Please Specify)

2.2:1 Gear Reduction

	MODEL	GPM	PSI	POWER REQUIREMENTS	SEAL KIT	VALVE KIT	WEIGHT
Gear Reduction	GKC 17/28-GR	4.5	4000	16 HP Gas	UD-10	UD-31	49 lbs.
	GKC 21/28-GR	5.5	4000	20 HP Gas	UD-10	UD-31	49 lbs.
	GKC 26/24-GR	7.0	3500	22 HP Gas	UD-10	UD-31	49 lbs.
	GKC 26/28-GR	7.0	4000	24 HP Gas	UD-10	UD-31	55 lbs.
	GKC 30/20-GR	8.0	3000	22 HP Gas	UD-11	UD-3	49 lbs.
	GKC 30/24-GR	8.0	3500	24 HP Gas	UD-11	UD-3	55 lbs.
	GKC 38/17-GR	10.0	2500	22 HP Gas	UD-12	UD-3	49 lbs.
	GKC 38/20-GR	10.0	3000	24 HP Gas	UD-12	UD-3	55 lbs.
	GKC 42/15-GR	11.5	2200	22 HP Gas	UD-12	UD-3	49 lbs.
	GKC 50/12-GR	12.5	2000	22 HP Gas	UD-12	UD-3	49 lbs.

SUPER DUTY - HP GK-Series High Pressure Plunger Pumps

- Heavy Duty Bronze Connecting Rod Assemblies with Guide Pins for Perfect Cap Alignment 2 lbs. each
- Heavy Duty Reinforced Nickel Plated Heads with External and Internal Bracing
- Large Diameter Stainless Steel Valve Caps with Increased Thread Depth
- Reinforcing Ring on Inlet and Discharge Ports
- Deeper Back Covers for Increased Oil Capacity. 40 oz. Crank Case Capacity



GKC 19/40-S

Solid Shaft Models

24 mm Keyed, Solid Shaft



GKC 17/35-S
GKC 21/35-S

	MODEL	GPM	PSI	POWER REQUIREMENTS	SEAL KIT	VALVE KIT	WEIGHT
1450 RPM	GKC 17/35-S	4.5	5000	17.0 HP Electric	UD-9	UD-41	42 lbs.
	GKC 19/40-S	5.0	5800	20.0 HP Electric	UD-9	UD-63	43 lbs.
	GKC 21/35-S	5.5	5000	20.0 HP Electric	UD-9	UD-41	42 lbs.
1750 RPM	GKD 5.5/50-S	5.5	5000	20.0 HP Electric	UD-9	UD-41	42 lbs.
Rail Kits	8702.07	Medium (1-3/4") Rail Kit for GK-Series Solid Shaft Pumps					
	8702.08	Standard (1") Rail Kit for GK-Series Solid Shaft Pumps					
	8702.25	Tall (2-1/2") Rail Kit for GK-Series Solid Shaft Pumps					

SUPER DUTY - HP GK-Series High Pressure Plunger Pumps



Gear Reduction Drive Gas Engine Models

1" or 1-1/8" Hollow Shaft (Please Specify)

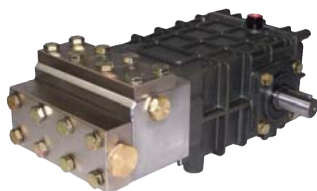
GKC 19/40-GR 2.2:1 Gear Reduction

GKC 17/35-GR
GKC 21/35-GR



	MODEL	GPM	PSI	POWER REQUIREMENTS	SEAL KIT	VALVE KIT	WEIGHT
Gear Reduction	GKC 17/35-GR	4.5	5000	20 HP Gas	UD-9	UD-41	52 lbs.
	GKC 19/40-GR	5.0	5800	24 HP Gas	UD-9	UD-63	55 lbs.
	GKC 21/35-GR	5.5	5000	24 HP Gas	UD-9	UD-41	52 lbs.

SUPER DUTY - HP GHC-Series High Pressure Plunger Pumps



Solid Shaft Models

24 mm Keyed, Solid Shaft

Stainless Steel "Block" Manifold • Pressurized Inlet Only

	MODEL	GPM	PSI	POWER REQUIREMENTS	SEAL KIT	VALVE KIT	WEIGHT
1450 RPM	GHC 12/50-S	3.2	7300	15 HP Electric	UD-88	UD-86	55 lbs.
	GHC 16/50-S	4.2	7300	20 HP Electric	UD-88	UD-86	55 lbs.
1750 RPM	GHD 3.0/75-S	3.0	7300	15 HP Electric	UD-88	UD-86	55 lbs.
	GHD 4.5/75-S	4.2	7300	20 HP Electric	UD-88	UD-86	55 lbs.

SUPER DUTY - HP GHC-Series High Pressure Plunger Pumps



Gear Reduction Drive Gas Engine Models

1" or 1-1/8" Hollow Shaft (Please Specify)

2.2:1 Gear Reduction

	MODEL	GPM	PSI	POWER REQUIREMENTS	SEAL KIT	VALVE KIT	WEIGHT
Gear Reduction	GHC 12/50-GR	3.2	7300	20 HP Gas	UD-88	UD-86	70 lbs.
	GHC 16/50-GR	4.2	7300	24 HP Gas	UD-88	UD-86	70 lbs.



Vehicle Cleaning Plunger Pumps PDCW-Series Car Wash Pumps



- 24 mm Solid, Keyed Shaft or 5/8" Hollow Shaft
- Brass Manifold
- Stainless Steel Check Valves
- Stainless Steel Plunger Rods
- Solid Ceramic Plungers

	MODEL	GPM	PSI	POWER REQUIREMENTS	INLET	DISCHARGE	WEIGHT
1750 RPM	PDCW 4.0/15-S	4.0	1500	4.0 HP Electric	3/8" FNPT	3/8" FNPT	12 lbs.
	PDCW 4.0/15-Z	4.0	1500	4.0 HP Electric	3/8" FNPT	3/8" FNPT	13 lbs.

SUPER DUTY MKCW-Series Car Wash Pump



- Dual 20 mm Solid, Keyed Shaft
- Direct, Bolt-in Replacement for '310'
- Includes Rails, Thru-Shaft Protector
- Double Lip Oil Seals
- Brass Manifold
- Bronze Connecting Rods
- Stainless Steel Check Valves
- Custom, Stepped Plunger Rods

	MODEL	GPM	PSI	POWER REQUIREMENTS	INLET	DISCHARGE	WEIGHT
950 RPM	MKCW-3100	4.0	2000	5 HP Electric	1/2" FNPT	3/8" FNPT	32 lbs.

SUPER DUTY GKCW-Series Car Wash Pumps



- 24 mm Solid, Keyed Shaft
- Bronze Connecting Rods
- Stainless Steel Check Valves
- Solid Ceramic Plungers
- Brass Manifold
- Tapered Roller Bearings
- Stainless Steel Plunger Rods

	MODEL	GPM	PSI	POWER REQUIREMENTS	INLET	DISCHARGE	WEIGHT
1100 RPM	GKCW 18/14-S	5	2000	7.5 HP Electric	3/4" FNPT	3/8" FNPT	39 lbs.
	GKCW 21/14-S	6	2000	10.0 HP Electric	3/4" FNPT	3/8" FNPT	39 lbs.
	GKCW 30/14-S	8	2000	12.5 HP Electric	3/4" FNPT	3/8" FNPT	39 lbs.
	GKCW 38/14-S	10	2000	15.0 HP Electric	3/4" FNPT	1/2" FNPT	39 lbs.

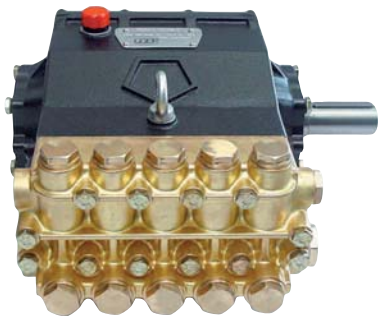
GSCW-Series Car Wash Pumps



- 35 mm Solid, Keyed Shaft
- Bronze Connecting Rods
- Stainless Steel Check Valves
- Solid Ceramic Plungers
- Brass Manifolds
- Tapered Roller Bearings
- Stainless Steel Plunger Rods

	MODEL	GPM	PSI	POWER REQUIREMENTS	INLET	DISCHARGE	WEIGHT
900 RPM	GSCW 50/NB	12	1500	12.5 HP Electric	1" FNPT	3/4" FNPT	80 lbs.
1200 RPM	GSCW 60/NB	16	1500	15.0 HP Electric	1" FNPT	3/4" FNPT	80 lbs.

PENTA-Series Industrial Plunger Pumps



PENTA-Series Industrial 5-Cylinder Plunger Pumps

- 35 mm Solid Keyed Shaft
- Stainless Steel Check Valves
- Heavy Duty Bronze Connecting Rods with Guide Pins for Perfect Cap Alignment
- Dual Roller Bearings
- Heat Treated Crankshaft
- 80 oz. Crank Case Oil Capacity
- 15"L x 16.5"W x 9"H
- All Penta Pumps Include Lift Ring and Dust Cover to Protect Oil Seals
- Heavy Duty Brass Manifold
- Stainless Steel Plunger Rods
- Solid Ceramic Plungers
- Max. Fluid Temp. 160°F
- Heavy Duty, Flat Base High Pressure Seals
- Replaceable Teflon Coated Body Guides

	MODEL	GPM	PSI	POWER REQUIREMENTS	INLET	DISCHARGE	WEIGHT
5-Cylinder 1000 RPM	PENTA-B 25/400	6.5	6000	25 HP Electric	1" FNPT	1/2" FNPT	110 lbs.
	PENTA-B 30/300	8.0	4500	25 HP Electric	1-1/4" FNPT	3/4" FNPT	110 lbs.
	PENTA-B 40/280	10.0	4000	30 HP Electric	1-1/4" FNPT	3/4" FNPT	110 lbs.
	PENTA-B 50/200	13.0	3000	30 HP Electric	1-1/4" FNPT	3/4" FNPT	110 lbs.
5-Cylinder 1450 RPM	PENTA-C 35/400	9.0	6000	35 HP Electric	1" FNPT	1/2" FNPT	110 lbs.
	PENTA-C 43/300	11.0	4500	35 HP Electric	1-1/4" FNPT	3/4" FNPT	110 lbs.
	PENTA-C 55/280	15.0	4000	40 HP Electric	1-1/4" FNPT	3/4" FNPT	110 lbs.
	PENTA-C 70/200	18.0	3000	40 HP Electric	1-1/4" FNPT	3/4" FNPT	110 lbs.
1750 RPM	PENTA-D 70/280	18.0	4000	50 HP Electric	1-1/4" FNPT	3/4" FNPT	110 lbs.
Rail Kit	8702.30	Tall 2-1/2" Heavy Duty Rail Kit for PENTA Pumps					



PENTA-Series Industrial Stainless Head Plunger Pumps

35mm Solid Keyed Shaft

Stainless Steel Block Manifold • Pressurized Inlet Only

	MODEL	GPM	PSI	POWER REQUIREMENTS	INLET	DISCHARGE	WEIGHT
1000 RPM	PENTA-B 20/500	5.0	7300	25 HP Electric	1"	3/8"	135 lbs.
1450 RPM	PENTA-C 27/500	7.0	7300	35 HP Electric	1"	3/8"	135 lbs.
1750 RPM	PENTA-D 33/500	9.0	7300	40 HP Electric	1"	3/8"	135 lbs.
Rail Kit	8702.30	Tall 2-1/2" Heavy Duty Rail Kit for PENTA Pumps					

UDOR-PUMP PRICING

GC 21/20-GR	\$615.50	GKC 38/20-GR	\$802.75	MKC 15/28-GR	\$538.50
GC 21/20-GR1-1/8	\$615.50	GKC 38/20-GR1-1/8	\$802.75	MKC 15/28-GR 1-1/8	\$538.50
GC 21/20-S	\$489.50	GKC 38/20-S	\$654.00	MKC 15/28-S	\$409.00
GC 21/20SL	\$489.50	GKC 38/20-SL	\$641.75	MKC 18/24-GR	\$556.00
GC 26/20-GR	\$634.75	GKC 42/15-GR	\$787.00	MKC18/24-GR 1-1/8	\$556.00
GC 26/20-GR1-1/8	\$634.75	GKC 42/15GR 1-1/8	\$787.00	MKC 18/24-S	\$424.75
GC 26/20-S	\$510.50	GKC 42/15-S	\$654.00	MKC 20/24-GR	\$566.50
GC 30/17-GR	\$650.50	GKC 42/17-GR	\$818.50	MKC 20/24-GR 1-1/8	\$566.50
GC 30/17-GR1-1/8	\$650.50	GKC 42/17-GR1-1/8	\$818.50	MKC 20/24-S	\$435.25
GC 30/17-S	\$522.75	GKC 42/17-S	\$666.25	MKCW-3100	\$573.50
GC 38/15-GR	\$701.25	GKC 50/12-GR	\$802.75	MKD 4.0/30-U	\$440.50
GC 38/15-GR1-1/8	\$701.25	GKC 50/12-GR 1-1/8	\$802.75	MKD 4.0/40-S	\$409.00
GC 38/15-S	\$573.50	GKC 50/12-S	\$675.00	MKD 4.5/30-U	\$526.25
GD 5.5/30-S	\$489.50	GKC 50/17-GR	\$834.25	MKD 5.0/35-S	\$424.75
GD 7.0/22-S	\$510.50	GKC 50/17-GR 1-1/8	\$834.25	MKL 3.5/40-W	\$409.00
GD 8.0/22-S	\$522.75	GKC 50/17-S	\$687.25	MKL 4.0/40-W	\$409.00
GHC 12/50-GR	\$1,422.25	GKCW 18/14-S	\$608.50	MKL 4.0/40WL	\$409.00
GHC 12/50-GR 1-1/8	\$1,422.25	GKCW 21/14-S	\$620.75	MKL 5.0/35-W	\$424.75
GHC 12/50-S	\$1,263.00	GKCW 30/14-S	\$641.75	ML 3.5/30-W	\$360.00
GHC 16/50-GR	\$1,422.25	GKCW 38/14-S	\$654.00	ML 3.5/30-WL	\$360.00
GHC 16/50-GR 1-1/8	\$1,422.25	GKD 5.5/40-S	\$592.75	ML 3.5/35-W	\$402.00
GHC 16/50-S	\$1,263.00	GKD 5.5/50-S	\$764.25	ML4.0/30-W	\$360.00
GHD 30/75-S	\$1,263.00	GKD 7.0/35-S	\$608.50	ML 4.0/30-WL	\$360.00
GHD 4.5/75-S	\$1,263.00	GKD 7.0/45-S	\$771.25	ML 4.0/35-W	\$402.00
GKC 12/30-GR	\$830.75	GSC 27/15-GR	\$2,454.75	ML5.0/30-W	\$374.00
GKC 17/28-GR	\$711.75	GSC 27/15-GR 1-1/8	\$2,454.75	MSC 16/15-GR	\$1,508.00
GKC 17/28GR 1-1/8	\$711.75	GSC 27/15-S	\$2,321.75	MSC 16/15-GR 1-1/8	\$1,508.00
GKC 17/28-S	\$584.00	GSC 34/15-GR	\$2,454.75	MSC 16/15-S	\$1,375.00
GKC 17/35-GR	\$892.00	GSC 34/15-GR 1-1/8	\$2,454.75	MSC 20/15-GR	\$1,508.00
GKC 17/35-GR1-1/8	\$892.00	GSC 34/15-S	\$2,321.75	MSC 20/15-GR 1-1/8	\$1,508.00
GKC 17/35-S	\$764.25	GSC 42/15-GR	\$2,454.75	MSC 20/15-S	\$1,375.00
GKC 19/40-GR 1IN	\$1,056.50	GSC 42/15-GR 1-1/8	\$2,454.75	PC 11/17-GR	\$398.50
GKC 19/40-GR 1-1/8	\$1,056.50	GSC 42/15-S	\$2,321.75	PC 11/17-S	\$311.00
GKC 19/40-S	\$923.50	MC 13/20-GR	\$507.00	PNC 13/15-GR	\$398.50
GKC 21/28-GR	\$720.50	MC 13/20-GR 1-1/8	\$507.00	PNC 13/15-S	\$311.00
GKC 21/28-GR 1-1/8	\$720.50	MC 13/20-S	\$368.75	PND 1.0/20-Z	\$309.25
GKC 21/28-S	\$592.75	MC 15/20-GR	\$507.00	PND 1.5/20-Z	\$309.25
GKC 21/35-GR	\$902.50	MC 15/20 GR1-1/8	\$507.00	PND 20/20-Z	\$309.25
GKC 21/35-GR 1-1/8	\$902.50	MC 15/20-S	\$368.75	PND 3.0/15-ZA	\$279.50
GKC 21/35-S	\$771.25	MC 18/20-GR	\$521.00	PND 3.0/20-S	\$309.25
GKC 26/24-GR	\$734.50	MC 18/20-GR 1-1/8	\$521.00	PND 3.0/20-Z	\$311.00
GKC 26/24-GR 1-1/8	\$734.50	MC 18/20GR-5	\$528.00	PND 3.0/20-ZL	\$311.00
GKC 26/24-S	\$608.50	MC 18/20-S	\$384.50	PND 3.5/20-S	\$311.00
GKC 26/28-GR	\$748.50	MD 4.0/20-S	\$368.75	PND 4.0/15-S	\$311.00
GKC 26/28-GR 1-1/8	\$748.50	MD 4.0/20-U	\$389.75	PND 4.0/15-T	\$339.00
GKC 26/28-S	\$619.00	MD 4.0/30-S	\$368.75	PND 4.0/15-Z	\$314.50
GKC 30/20-GR	\$750.25	MD 4.0/30-U	\$389.75	PDCW 40/15-S	\$311.00
GKC 30/20-GR 1-1/8	\$750.25	MD 4.0-UL	\$389.75	PDCW 40/15-Z	\$314.50
GKC 30/20-S	\$620.75	MD 5.0/25-S	\$384.50	PNL 2.0/20-ZL	\$309.25
GKC 30/24-GR	\$787.00	MD 5.0/25-SL	\$374.00	PNL 2.5/20-T	\$309.25
GKC 30/24-GR 1-1/8	\$787.00	MD 5.0/25-U	\$398.50	PL 2.5/25-TV	\$346.00
GKC 30/24-S	\$638.25	MD 5.0/25-UL	\$398.50	PNL 3.0/20-T	\$309.25
GKC 38/17-GR	\$769.50	MD 5.0/30-U	\$419.50	PNL 3.0/20-Z	\$311.00
GKC 38/17-GR 1-1/8	\$769.50	MKC 13/28-GR	\$538.50	PNL 3.0/20-ZL	\$311.00
GKC 38/17-S	\$641.75	MKC 13/28-GR 1-1/8	\$538.50	PNL 3.0/25-T	\$314.50
GKC 38/17-SL	\$641.75	MKC 13/28-S	\$409.00	PNL 3.5/22-T	\$314.50

UDR-KIT PRICING

UD-1	VALVE KIT-P SERIES	\$ 63.82
UD-10	SEAL KIT-G 22MM	\$ 80.84
UD-106	PLUNGER NUT AND O-RING KIT NX HP	\$ 43.60
UD-10P	SEAL KIT 22MM	\$ 161.08
UD-11	SEAL KIT-G 25MM	\$ 83.16
UD-111	VALVE KIT STAINLESS P/M SERIES	\$ 164.08
UD-112	STAINLESS KIT P SERIES 18MM	\$ 158.92
UD-113	PLUNGER O-RING KIT STAINLESS	\$ 16.94
UD-114	STAINLESS KIT M SERIES 20MM	\$ 224.12
UD-115	PLUNGER O-RING KIT SS M-SERIES	\$ 27.18
UD-116	VALVE KIT STAINLESS G-SERIES	\$ 141.22
UD-117	STAINLESS KIT G-SERIES 28MM	\$ 151.88
UD-119	PLUNGER O-RING KIT SS W/BOLTS G-SERIES	\$ 111.12
UD-11P	SEAL KIT 25MM	\$ 171.22
UD-12	SEAL KIT-G 28MM	\$ 85.82
UD-123	PLUNGER NUT AND O-RING KIT NX	\$ 43.60
UD-12P	SEAL KIT 28MM	\$ 181.38
UD-13	BRASS KIT-P 15MM	\$ 55.98
UD-14	BRASS KIT-P 18MM	\$ 57.20
UD-15	BRASS KIT-M 18MM	\$ 57.20
UD-16	BRASS KIT-M 20MM	\$ 65.36
UD-17	BRASS KIT-G 22MM	\$ 75.26
UD-17P	BRASS KIT 22MM	\$ 150.94
UD-18	BRASS KIT-G 25MM	\$ 77.84
UD-18P	BRASS KIT 25MM	\$ 161.08
UD-19	BRASS KIT-G 28MM	\$ 80.50
UD-19P	BRASS KIT 28MM	\$ 171.22
UD-2	VALVE KIT-M SERIES	\$ 66.66
UD-20	PLUNGER O-RING-P 15MM	\$ 14.54
UD-28	SEAL KIT-M 18MM	\$ 76.28
UD-28B	SEAL KIT 18MM BOTH INLET SEALS	\$ 79.98
UD-29	BRASS KIT-M 18MM	\$ 57.20
UD-3	VALVE KIT-G SERIES	\$ 75.94
UD-30	VALVE KIT-MK SERIES	\$ 70.96
UD-31	VALVE KIT-GK SERIES	\$ 79.04
UD-31P	VALVE KIT PENTA	\$ 167.10
UD-31PPV	VALVE KIT PENTA SERIES W/PULSE	\$ 177.24
UD-31PV	VALVE KIT GK SERIES W/PULSE	\$ 97.26
UD-32	PLUNGER O-RING KIT	\$ 14.54
UD-33	BRASS KIT MK 15MM	\$ 62.86
UD-38P	PLUNGER BOLT KIT	\$ 100.80
UD-3P	VALVE KIT PENTA	\$ 156.96
UD-3PPV	VALVE KIT PENTA SERIES W/PULSE	\$ 167.10
UD-3PV	VALVE KIT G SERIES W/PULSE	\$ 103.12
UD-4	USE # 04-KIT UD-20	\$ 14.54
UD-40	PLUNGER O-RING KIT GK HD	\$ 19.96
UD-41	VALVE KIT GK SERIES HD	\$ 104.32
UD-42	BRASS KIT GK SERIES HD	\$ 80.50
UD-5	PLUNGER O-RING KIT-M	\$ 15.82
UD-6	PLUNGER O-RING KIT-G/W BOLTS	\$ 50.48
UD-63	VALVE KIT GK SERIES HD	\$ 98.56
UD-63P	VALVE KIT PENTA	\$ 202.54



Direct-Drive Close Coupled Pressure Washer Pumps



66DX Plunger Pump Series

Popular high-pressure Direct-Drive Plunger Pumps for Gas Pressure Washers

66DX30G1I 3.0 GPM 4000 PSI

66DX35G1I 3.5 GPM 4000 PSI

66DX40G1I 4.0 GPM 4000 PSI



3SP Plunger Pump Series

Compact, Light-weight Direct-Drive Plunger Pumps for Gas or Electric Pressure Washers

3SP30G1I 3.0 GPM 3000 PSI Gas

3SP35GEI 3.5 GPM 2500 PSI Electric



3DX Plunger Pump Series

Affordable, compact Direct-drive Plunger Pumps for lightweight Gas Pressure Washers Low-maintenance, easy-to-service stacked SS valves

3DX25GSI 2.5 GPM 2500 PSI Gas

3DX30GSI 3.0 GPM 2500 PSI Gas



2SF Plunger Pump Series

Field-proven Direct-drive Plunger Pumps for Gas and Electric Pressure Washers Standard with Regulating Unloader and By-Pass Hose

2SFX30GS 3.0 GPM 2000 PSI Gas

2SFX30GZ 3.0 GPM 2500 PSI Gas

2SFX30ES 3.0 GPM 1500 PSI Elec



4SF Plunger Pump Series

Field-proven Direct-drive Plunger Pumps For Gas and Electric Pressure Washers Standard with Regulating Unloader

4SF35GS1 3.5 GPM 3500 PSI Gas

4SF40GS1 4.0 GPM 3500 PSI Gas

4SF40ELS 4.0 GPM 3500 PSI Elec



Belt-Drive Pressure Washer Pumps

5CP Plunger Pump Series

Continuous-duty Belt-Drive Plunger Pumps for Gas or Electric Pressure Washers.

5CP3120 4.5 GPM 3500 PSI

5CP5120 5.0 GPM 3000 PSI



Complete line of coordinating accessories available.

5 FR Plunger Pump Series

Continuous-duty Belt-Drive Plunger Pumps for Gas or Electric Pressure Washers

45 4.5 GPM 3500 PSI

New Jetter feature and coordinating accessories available.



7 FR Plunger Pump Series

Heavy-duty Belt-Drive Plunger Pumps for Gas or Electric Pressure Washers.

56 5.5 GPM 3500 PSI

57 4.5 GPM 4000 PSI

70 4.5 GPM 5000 PSI



Complete line of coordinating accessories available.

15 FR Plunger Pump Series

Heavy-duty mid-frame Belt-Drive Plunger Pumps

650 7 GPM 3000 PSI

660 10 GPM 3000 PSI

1050 10 GPM 2200 PSI



Complete line of coordinating accessories available.

Gearbox-Drive Close Coupled Pressure Washer Pumps



5CP Plunger Pump Series

Continuous-duty Gearbox-Drive Plunger Pumps for Industrial Gas Pressure Washers.

5CP3120G1 4.5 GPM 3500 PSI

5CP5150G1 5.0 GPM 3000 PSI

Complete line of coordinating accessories available.



5 FR Plunger Pump Series

Continuous-duty Gearbox-Drive Plunger Pumps for Industrial Gas Pressure Washers

45G1 4.5 GPM 3500 PSI

Complete line of coordinating accessories available.



7 FR Plunger Pump Series

Continuous-duty Gearbox-Drive Plunger Pumps for Industrial Gas Pressure Washers

56G1 8.0 GPM 1800 PSI

60G1 4.5 GPM 4000 PSI

New Jetter feature and coordinating accessories available.



7 FR Plunger Pump Series

Heavy-duty Gearbox-Drive Plunger Pumps for Industrial Gas Pressure Washers.

70G1 4.5 GPM 5000 PSI

Complete line of coordinating accessories available.

Self-Service Car Wash Pumps



310-340-350 Triplex Plunger Pumps

310S-340S-350S Sleeved Triplex Plunger Pumps

The most popular belt-drive or direct-drive plunger pumps for self-service bays now offering the new stainless steel sleeved manifold for extended life.

310-310S	5.0 GPM	1500 PSI	950 RPM
340-340S	4.0 GPM	2000 PSI	1725 RPM
350-350S	5.0 GPM	1500 PSI	1725 RPM



5CP2120W, 5CP2140WCS, 5CP2150W

Triplex Plunger Pumps

Heavy-duty plunger pumps for belt-drive or direct-drive plunger pumps for self-service bays.

5CP2120W	4.0 GPM	2500 PSI	950 RPM
5CP2140WCS	4.0 GPM	2500 PSI	1725 RPM
5CP2150W	5.0 GPM	2000 PSI	1725 RPM



3DX Plunger Pump Series

The original *PUMPS WITH NINE LIVES* are still in heavy demand for belt-drive self-service bays.

333	4.0 GPM	1200 PSI	1070 RPM
430	5.0 GPM	1000 PSI	1040 RPM



623-820-1010 Triplex Piston Pump

The original *PUMPS WITH NINE LIVES* are still in heavy demand for belt-drive self-service bays and prep-units.

623	6.0 GPM	1200 PSI	850 RPM
820	10.0 GPM	1000 PSI	940 RPM
1010	13.0 GPM	700 PSI	900 RPM

Automatic Car Wash Pumps



3535 Triplex Plunger Pumps

Leading choice in touch-free and friction automatic car wash systems providing dependability and low maintenance.

36 GPM 1200 PSI 800 RPM



3545 Triplex Plunger Pumps

This higher performance model provides the same dependable service with additional capacity for cleaning trucks and buses.

45 GPM 1000 PSI 765 RPM



1540E Triplex Plunger Pumps

The very popular midsize pump for both touch free and friction wash systems.

18 GPM 1200 PSI 1100 RPM



1530 Triplex Plunger Pumps

Popular midsize pump for reduced water consumption in automatic car wash systems.

15.6 GPM 1500 PSI 1450 RPM



2530 Triplex Plunger Pumps

Midsized pump offers a bit more flow for your automatic car wash system.

25 GPM 1000 PSI 1025 RPM
20 GPM 1200 PSI 860 RPM

Most Popular Carpet Cleaning Pumps



3CP Plunger Pump Series

Belt-drive, Direct-drive, Clutch-drive, Hi-Temp Seals, solid ceramic plungers, easy-to-service valve and seals.

3CP1120.3 4.2 GPM 2200 PSI

3CP1130.3 2.4 GPM 2200 PSI

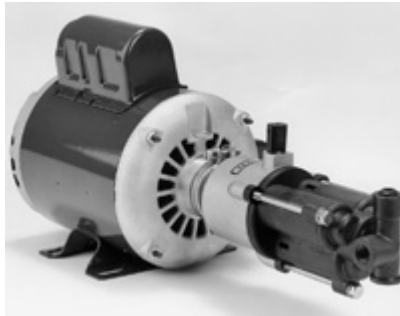
3CP1140.3 3.6 GPM 2200 PSI



5CP Plunger Pump Series

Belt-drive, Direct-drive, Clutch-drive, Hi-Temp Seals, solid ceramic plungers, easy-to-service valves and seals.

5CP3120.3 4.5 GPM 3500 PSI



1LX Axial Plunger Pumps

Belt-drive or Direct-drive, Heat resistant liquid-end and regulator, Smooth whisper quiet operation.

1LX100 1.0 GPM 500 PSI direct

1LX125 1.25 GPM 500 PSI direct

1LXB100 1.0 GPM 500 PSI belt

1LXB125 1.25 GPM 500 PSI belt

PUMP SERVICE

HAVING LOW PRESSURE!

Check Valves:

After verifying that there is plenty of inlet flow, the first parts to inspect are the check valves. The check valves are located under the large hex caps on the pump head. On a three-cylinder pump there are six hex caps, three on top contain the outlet valves and three on the lower side of the head contain the inlet valves. Debris may be holding one or more of the check valves open, if so clear the debris. Inspect the two contact points of each check valve by carefully disassembling the check valve assembly. Insert a small screwdriver in the side of the check valve cage and twist gently to pry apart. The contact surfaces should be smooth and shiny. If the check valves are in poor condition they should be replaced.

Pump Packings:

If packings are worn and there is a pressurized inlet line there will usually be water dripping from under the pump between the head and the crankcase. With a float tank or tank feed, there may not be enough pressure to cause a leak, instead air is drawn into the pump. This would create an uneven, shaky feel at the gun, much like the feel of running out of water. To replace packings the pump head must be removed. The retaining bolts are removed, and then the head is gently pried on both sides with two screwdrivers. Once the head starts to come off the ceramics, usually it is possible to remove it by hand. Important, remove the head as evenly as possible, twisting it from side to side can cause damage.

Once the head is removed, lay it on a workbench and using a slide hammer and socket remove the brass and packings. If the pump has been rebuilt before, or if you want to do the best possible job, replace the brass and the packings. If the pump has never been rebuilt and you want to spend less money on parts, replace the packings only. Reassemble the parts in the same order that they were removed. The use of a packing insertion kit will help. Use packing lubricant on the edges of the packings. While the head is removed, inspect the ceramic pistons. If any chipping or cracking is found, including small hairline cracks, the pistons must be replaced. When replacing the piston it is a good idea to replace the piston screws and Washes. The head can now be reinstalled. Tighten the head onto the crankcase using the proper tightening pattern.

Stuff you should remember...

If you see the pump oil turning milky white you will need to replace both packings and oil seals. More than likely you have let the pump run in by-pass too long without pulling the trigger. This builds up excessive heat which will destroy packings & seals. Never leave a machine in by-pass for more than 2 or 3 minutes without pulling trigger. To keep your pump from overheating you should install the Allison Engine Terminator.

Tech Tip

Ever wonder just how much engine you'll need to turn that pump?

Use the formulas below:

Gasoline engine:

PSI X GPM = ?

Divide answer by 1100
to get the correct horsepower

Diesel Engine:

PSI X GPM = ?

Divide answer by 1250
to get the correct horsepower

Electric motor:

PSI X GPM = ?

Divide answer by 1460
to get the correct horsepower.

PUMP "CAVITATION"

Cavitation occurs when a pump has insufficient water supply, air is leaking into the water supply line, or sometimes if the pump is being supplied with very hot water. During cavitation, water is turned to a vapor on the inlet stroke of the pump piston, then back to a fluid when the piston compresses it. This results in an explosion inside the pump cylinder that can damage the interior components of the pump.

There are several points to keep in mind so you avoid cavitation in your pump. I will first address pumps that are fed from a water tank or other source that does not produce incoming water pressure.

1. Be sure that the supply hose from the tank to the pump head has a large enough diameter to ensure adequate water flow. Keep the hose as short as possible.
2. Every few months check the hose connections to make sure they are tight and do not allow air to leak into the system.
3. Use a water filter that can allow adequate water flow. When feeding a pump from a domestic water source keep the following points in mind.
4. Test to see if the water source provides enough water to supply the pump. I always recommend a feed of at least one-gallon per minute more than your pump rating.

PUMP TROUBLESHOOTING

First...Look elsewhere for the problem, pumps are very durable when set up properly and are not abused.

Low pressure...

- Worn nozzle, replace with proper size new nozzle.
- Belt slippage, tighten or replace.
- Air leaks in inlet plumbing, find the air leak and repair.
- Inlet water filter dirty, clean
- Worn packing, replace
- Debris in check valves, clean.
- Worn check valves replace.
- Leaks between pump outlet and nozzle, repair leaks.

Pump runs rough, low pressure...

- Restricted inlet water supply, increase size of inlet line.
- Air leak in inlet plumbing, disassemble, reseal, and reassemble.
- Debris in check valves, clean out and reassemble
- Worn check valves, replace.
- Water dripping between pump head and crankcase.
- Worn Packings, replace packings.

Oil leak between pump head and crankcase...

- Worn crankcase piston rod seals, replace.

Oil leaking near crankshaft...

- Worn seal or damaged o-ring, replace seal or o-ring.

Excessive play in the crankshaft pulley...

- Bad bearing, replace.
- Worn main bearing, replace bearing.

Water in crankcase...

- Worn packing, replace.
- Worn o-rings on piston screws, replace.
- Humidity in air condensing inside crankcase, may disappear in a few days, if not change oil.

Frequent or premature failure of packings...

- Damaged ceramic piston, replace.
- Too much inlet pressure, reduce inlet pressure.
- Abrasive material in fluid, install better filters in inlet.
- Excessive temperature of inlet fluid, Check to see inlet fluid temperature is not too hot.
- Running pump dry or with too little water, give pump sufficient water at all times.

Water inlet information...

The most common condition that leads to pump problems is insufficient water flow to the inlet of the pump. A large diameter hose helps water flow. The longer that the inlet hose is, the lower the water flow will become. Make sure the water supply is able to keep up with the demand of the pump.

If the machine is fed by a direct hook up to a domestic or city water source, run a test to determine the gallons per minute the water source produces. Use two open 5-gallon pails, run the water hose into the pails for 60 seconds. The water source should produce at least one gallon more than the pump is rated for. Sometimes with a domestic water source the flow will not be consistent. Check this by doing the test a few times without stopping the water flow, if the supply slows down it will starve the high-pressure pump. It is also possible with city water supply to over pressurize the high-pressure pump, use a pressure-reducing valve on the inlet line if this is a possibility.

If the machine has a float tank, be sure the inlet feed line between the float tank and the pump is large enough to supply sufficient flow. The higher the gallon per minute rating of the pump, the larger the hose diameter must be. Don't think that a float tank is a buffer that will allow you to connect to a low flow water source. The small capacity of a float tank will provide only a few seconds running time before running dry.

A machine that is supplied by a water tank, needs a supply hose that is a large diameter, the exact size required depends on the pump rating.

All pressure Washes should have an inlet water filter that is cleaned regularly.

Special Note: if the pump is not turning the correct RPM then it is impossible to diagnose a problem. Before you call us for Technical Help put a Tachometer on the engine and make absolutely sure that under NO LOAD the engine is turning 3600 RPM if for Belt Drive and 3400 RPM for Gear Drive.

Special Note: Before you call with a pump problem make absolutely sure that you have tried to correct the problem by first removing the chemical injector from the machine. If that did not work install a New Nozzle & a different Gun & Hose. And lastly - a New Unloader.

Now you can call :)

In 1976 a Mobile Washer by the name of John Allison started manufacturing his own

PROFESSIONAL MOBILE WASH CHEMICALS

in the field & under actual cleaning conditions where it really counts. Why? He realized that if he was going to stay in this industry he had to learn how to make products that work - work fast & work safely. He did just that!

Below are some facts that John feels every Mobile Washer should be aware of.

FACT #1: If you are not using a non-caustic cleaning chemical like mine, there is a good chance that you are cleaning with the same chemicals that are found in Paint Strippers, Oven Cleaners or Drain Cleaners. Check the MSDS sheet on your cleaning chemicals for Sodium Hydroxide or Potassium Hydroxide. Sodium Hydroxide and Potassium Hydroxide are used in the detergent industry because they are relatively cheap to build & appear to clean great. When using cleaning chemicals with these ingredients, the operator will see a dramatic reaction as the dirt starts rolling off. What is happening is that a microscopic layer of paint is actually being stripped away and the dirt is coming off along with it. Fleet Washers often call us about problems that they are having with chemicals they have purchased elsewhere and they will tell us that they have a 'chalky film' or a 'dull finish' on the vehicles after a couple of washes. The answer to their question as to why this is happening is quite simple - they are using a cleaner containing Sodium Hydroxide or Potassium Hydroxide & it is literally destroying the paint. EnviroSpec's Cleaning Chemicals work so well because we use expensive, high yield surfactants, additives and gloss enhancers. While most commercial cleaning chemical manufacturers use 2 or 3 raw materials in their compounding process, we use 8 to 12 specialty products in all of our formulations. This is one reason why EnviroSpec Cleaning Chemicals will perform way beyond your greatest expectations.

FACT #2: If your cleaning chemical has a residual floating on top or settling to the bottom, more than likely that product contains a lot of 'fillers'. Fillers are very low cost additives that most manufacturers use to add weight and bulk but do nothing to add to the performance of the product. The general rule in the detergent industry that oftentimes determines the quality of the product is as follows; If you mix one pound of product to one gallon of water & you do not have any floating or settling, you have a respectable product which is 'filler' free.

Also it is extremely difficult to add more than one pound of powder to one gallon of water and to keep it from 'falling out' of solution. To our knowledge EnviroSpec is the only chemical manufacturer in the industry that can mix over 3 pounds of most of our products to one gallon of water and the product

will stay in solution. If you are wondering why we go to such extremes to make the best product available anywhere, it's because we were once Mobile Washers just like you and we was not satisfied with what was available so we developed our own. Here is the funny part - as small as we are our products go up against the largest detergent companies in the World every day and we walk away the winner - not sometimes but almost every time. The only time we don't is when we find a Mobile Washer who insists on 'burning' the dirt off with the caustics mentioned above.

FACT #3: Another fact is that we don't lose customers. Once someone tries my products, they keep buying them. Years ago when I first started my mobile wash business I purchased almost everyone's 'claim to fame' detergents. I realized that if I was going to stay in the mobile wash business that I had better learn how to compound my own chemicals. Since that time I am confident that no-one can compete with my products and win, no one! We have been manufacturing and selling cleaning chemicals for many years and...

...we just don't loose customers because they found a better product!



How Good are Our Products?

Well, how about a

100% GUARANTEE

that you will be

COMPLETELY SATISFIED?

'Chemicals manufactured by a

Mobile Washer for Mobile Washers'



EnviroSpec - 'Full Dress' Chemicals Worth Taking Out On The Town!



ENVIROSPEC'S
Soap for Hope CHARITIES

EnviroSpec donates 100% of the after tax profits from our Chemical Sales to Animal Charities such as Suzie's Friends Animal Shelter, The Humane Society of the United States, ASPCA, Local Animal Shelters, Humane Societies and Rescues in other areas of the country and the Jekyll Island AristoCAT Spay/Neuter Program.

Please consider helping a Shelter or Rescue in your area.
It's a great feeling knowing that you have helped
an abandoned, helpless & hungry animal.

Meet Suzie, who inspired John & Shelley Allison's latest project, Suzie's Friends. Suzie lived on her own with a dislocated leg for over 2 years until she was rescued by John and Shelley. When they found her it was too late to save the leg, but just in time to make sure that the rest of Suzie's life was a little easier than her first 3 years. When she was once dragging her leg trying to find something to eat or a warm place out of the rain and cold and living every moment of her life in pain, Suzie now lives the life that every animal dreams of.

Won't you please help a stray?

Too Few do.

Suzie's
Friends

<http://www.suziesfriends.org>



• Suzie's Friends

The mission of Suzie's Friends is to provide a special no-kill, no-cage sanctuary in South Georgia where the hungry are fed, the homeless are sheltered, and the abused and abandoned are provided care. Unfortunately we do this in a community whose governments spend nothing on caring for these animals. Suzie's Friends is for both fidos and felines alike who are less fortunate than other pets. No, the pictures that we see are not of "Princess" on a pillow with a diamond studded collar. Our little friends are wandering the streets looking for something to eat, or lying in a ditch on the side of the road starving to death and sick as a result of abuse and neglect. Since we get little in the way of financial help it is your purchases that keep them alive.

SAVE 10% ON E-MAIL/FAX ORDERS UNLESS 'NET' PRICE APPEARS



Environment Friendly Cleaning Chemicals

from

ENVIROSPEC

SuperFlo Polymer® Technology... for a Clean and Shine that Lasts and Lasts!

EnviroSpec Surface Cleaning Products are the only appearance products on the market containing...

...SuperFlo Polymer® finish protectors.

SuperFlo Polymer® forms an invisible protective barrier so dirt, mud and road grime have a hard time sticking to the surface.



ENVIROSPEC'S

Soap for Hope

CHARITIES

EnviroSpec donates 100% of the after tax profits from our Chemical Sales to Animal Charities such as Suzie's Friends Animal Shelter, The Humane Society of the United States, ASPCA, Local Animal Shelters, Humane Societies and Rescues in other areas of the country as well as the Jekyll Island, Georgia Spay/Neuter Program.



Please consider helping a Shelter or Rescue in your area. It's a great feeling knowing that you have helped a forgotten, helpless & hungry animal.



1-800-346-4876 or visit us on-line at <http://www.envirospec.com>

The Industry's #1 Selling Truck Wash

PRODIGY

Since 1986

Prodigy has been our #1 Selling Truck Wash

Prodigy is, by far, one of the highest non-caustic detergent concentrations available in the industry. Prodigy exhibits excellent wetting, chelating, rinsing, and emulsification properties due to its high concentration of our SuperFlo Polymer Complex System. This exotic complex is formulated from a variety of unique dispersants, hydrotopes, and surfactants, which are not commonly found in detergent formulations.

The general rule of thumb in detergent formulation is as follows: Approximately 1 gallon of water will hold approximately 1 pound of powder before separation begins. If your product begins to separate using this method, more often than not, your product has been camouflaged with what is known in our industry as "fillers". Fillers provide little to no value to the products integrity and/or performance. They are used primarily to add weight and increase the bottom line profit for the manufacturer. Using the 1 pound per 1 gallon rule, you can see the potency of Prodigy when you consider that we are able to thoroughly dissolve up to 2.3 pounds of Prodigy into 1 gallon of water without separation. To our knowledge, no other company can make this claim. The advantage of these concentration levels are twofold: 1) the contractor is now able to clean substrates that normally require the use of caustic cleaners and 2) work faster and safer, which increases your bottom line.

As the leader in contract cleaner formulations, EnviroSpec goes to great lengths in providing products that are both environment friendly as well as effective, an attitude not commonly found in such a demanding industry.

Since PRODIGY came out in 1986 it has grown to be the most asked for Truck Wash Detergent in the Professional Mobile Wash Industry.

PART #	NOTES:	NET PRICE
ZPPRO	1 EACH - 55 GALLON DRUM KIT	\$99.50
'Mix & Match' any 6 Drum Kits and WE PAY THE FREIGHT!		
Freight Program is only available in the continental USA CANADA & all others receive a \$15.00 per box freight allowance.		
PRO5	8 GALLON POWER PACK KIT	\$20.00

Powerful 'Super Solvent' Truck Wash / Degreaser

MR. MUSCLE

For Super Heavy Duty Degreasing Non-Caustic & Phosphate Free

Mr. Muscle has a 45 pound base of Prodigy, the industry's #1 Selling Tractor/Trailer Wash, plus a unique 2.5 gallon solvent/surfactant additive that really cranks up the horsepower and safely cuts through the heavy build-up of carbonaceous pollutants such as the exhaust typically found on over-the-road trailer bodies and 'fifth-wheel grease!'

Mr. Muscle walks circles around all the degreasers found in the marketplace and at a price that is well below what you would expect to pay for such a product.

In addition, you will find it to work extremely well with both hot and cold water systems. The addition of SpeedX-777 which is part of the liquid additive makes rinsing a breeze.

Mr. Muscle exhibits excellent wetting, chelating, rinsing, and emulsification properties due to its high concentration of our SuperFlo Polymer Complex System. This exotic complex is formulated from a variety of unique dispersants, hydrotopes and rinse aids which are not commonly found in detergent formulations.

Typical applications for the concentrate are:

Tractor/Trailer Bodies, Engines, Fork Lifts, Garage Floors, Rail Cars

As the leader in contract cleaner formulations, EnviroSpec goes to great lengths in providing products that are both environment friendly as well as effective, an attitude not commonly found in such a demanding industry.

PART #	NOTES:	NET PRICE
ZPMRM	1 EACH - 55 GALLON DRUM KIT	\$159.34
'Mix & Match' any 6 Drum Kits and WE PAY THE FREIGHT!		
Freight Program is only available in the continental USA CANADA & all others receive a \$15.00 per box freight allowance.		
MRM5	8 GALLON POWER PACK KIT	\$20.00

<http://www.envirospec.com> o 1-800-346-4876 o <http://www.suziesfriends.org>

Truck Wash for Cold Water Pressure Washers

NEVER DULL

For vehicles with high end appearance such as Polished Aluminum Tanks, Imron Paint & Expensive Lettering.

Never Dull is the preferred product for Vehicles that are, without question, products of an image conscious customer. A lot of time and expense goes into the production of such vehicles. Imron paint itself is very expensive as is the lettering and graphics that present the company's position in the marketplace. With all this in mind, however, nothing, absolutely nothing will get a fleet owner more upset or irritated than when you 'dull' their polished aluminum tanks.

When used according to our recommendations Never Dull is the perfect cold water product that has a unique blend of citrus solvents, surfactants & chelators that we've designed specifically for those trucks that need a product 'tuff' enough to remove carbonaceous pollutants such as grease and fuel over-spill as well as general fallout pollutants, yet gentle enough to clean tanks and never leave them looking dull.

Along with these special blends, Never Dull also has a 'double dose' of Speed -X 777 which keeps the pollutant in solution not allowing it to redeposit itself elsewhere on the surface prior to rinsing. This product is recommended to be used with cold water equipment. The reasoning behind this is because heat generates alkalinity and since Never Dull has a specific balancing of "builder to surfactant" the introduction of heat (hot water) makes it's design both unpredictable and uncontrollable.

In order to avoid 'alkaline shock' remember to cool down the surface prior to product application.

You will find Never Dull the perfect blend for those 'perfect vehicle finishes.'

PART #	NOTES:	NET PRICE
ZPND	1 EACH - 55 GALLON DRUM KIT	\$107.69
'Mix & Match' any 6 Drum Kits and WE PAY THE FREIGHT!		
Freight Program is only available in the continental USA CANADA & all others receive a \$15.00 per box freight allowance.		
ND5	8 GALLON POWER PACK KIT	\$20.00

Truck Wash With Extra Carbon Release Activators

RELEASE

NON-CAUSTIC FORMULA

with 'HIGH YIELD' CARBON RELEASE SOLVENTS & GLOSS ENHANCERS

RELEASE is a high solvent, medium duty vehicle detergent for finer finishes than typically found on 'over the road' Tractors, Trailers & Straight Trucks. This product would be your first choice for vehicles that are washed weekly or every other week. Vehicles such as package delivery, school buses, airport shuttle vehicles that do not see heavy road use but are exposed to carbonaceous pollutants typically found in 'close quarter' operation would be good candidates for RELEASE.

Companies whose vehicles are presently being cleaned with the RELEASE formula are Hertz, UPS, FEDX, DHL and New York Airports not to mention thousands of School Buses. This product was developed while cleaning Connecticut Natural Gas vehicles in the 1980's and have been an industry favorite ever since.

RELEASE is a non-caustic detergent concentrate that contains Gloss Enhancing additives that will help to keep vehicles looking good longer. This product will not harm delicate graphics typically found on such vehicles.

Release exhibits excellent wetting, chelating, rinsing and emulsification properties. Its ability to hold pollutants in suspension during the wash process and not allowing them to be redeposited makes it an ideal product when using cold or hot water systems. The unique 'grease release' activator in RELEASE quickly removes oil/grease pollutants from the substrate.

Release comes packaged in a two-part system. One part is approximately forty pounds of Release Base Product & the second part is one gallon of Carbon Release Activator. When mixed they make 55 gallons of a super concentrate with a very long shelf life.

PART #	NOTES:	NET PRICE
ZPREL	1 EACH - 55 GALLON DRUM KIT	\$104.40
'Mix & Match' any 6 Drum Kits and WE PAY THE FREIGHT!		
Freight Program is only available in the continental USA CANADA & all others receive a \$15.00 per box freight allowance.		
REL5	8 GALLON POWER PACK KIT	\$20.00

Mix & Match any FREE FREIGHT Product to achieve the Buy 6 Requirement

For Scheduled Truck & Bus Fleet Washing

VIPER

Specifically developed for the
Truck & Bus Washing Industry

for Contractors who have their customers on a specific cleaning schedule.

Viper is Non-Caustic and contains - CARBON RELEASE ACTIVATOR & GLOSS ENHANCERS

Viper is a specialty product specifically formulated for the Truck Washing & Bus Washing Industry where exhaust fumes have become attached to the stack side of the trailer body & rear engine areas of City Buses. Coupled with carbon release activating solvents and rinse aids, Viper also finds itself being utilized in other areas where the heavy build-up of grease & oil is present. Garage Floors, Vehicle Maintenance Shops, and Service Stations are just a few of the many areas where Viper is utilized.

Viper is preferred by many professionals who have scheduled cleaning of commercial vehicles with a frequency of weekly or every other week service. It is a quick cleaner and a fast rinsing. Areas where this product is being utilized is on Hertz, UPS, Ryder and many other Nationally known vehicle accounts.

Viper exhibits excellent wetting, chelating, rinsing and emulsifying properties. It has the ability to hold pollutants in suspension during the wash process and it's rinsability makes it an ideal product when using either cold or hot water equipment.

Viper's horsepower is derived from a group of Specialty Gloss Enhancers, Spot Free Rinse Aids, and a unique blend of surfactants which are not commonly found in the detergent industry.

Viper comes packaged in a two-part system. One part is approximately forty (40) pounds of Base Product. The second part is one gallon of Carbon Release Activator. The two combined will make 55 gallons of a super concentrate.

PART #	NOTES:	NET PRICE
ZPVIP	1 EACH - 55 GALLON DRUM KIT	\$98.90
'Mix & Match' any 6 Drum Kits and WE PAY THE FREIGHT!		
Freight Program is only available in the continental USA CANADA & all others receive a \$15.00 per box freight allowance.		
VIP5	8 GALLON POWER PACK KIT	\$20.00

The Industry's Only 'FILM FREE' Truck Wash

BOND BREAKER

Bond Breaker is the most incredible product of its kind in the industry. Never has anyone been able to remove as much of the film caused by electromagnetic bonding of particles which results as the vehicle cuts it's way through the wind.

Typically this attempt is performed through the use of caustics such as Sodium or Potassium Hydroxides which are typically found in the paint stripping or exhaust hood cleaning industries. Never should these products be utilized to clean painted vehicles. Yes, when applied the dirt and debris starts to roll off the surface but behind that dirt is a microscopic layer of the surface coming with it. As the process continues the vehicle surfaces become dull.

Bond Breaker utilizes a unique blend of products to break the magnetic field which holds the film particles on the surface. Given the best of all the elements, soft water, ambient temperatures and cleaning methods, Bond Breaker will remove 99% of all film from the surface. Worst case scenario you can expect 95%-97% removal.

Our development model for Bond Breaker was as follows:

- 1) It had to have an extremely quick reaction time yet Safe to use.
- 2) It had to dissolve grease and carbon on contact with minimum dwell time
- 3) It had to produce a minimum of 92% film free surface.
- 4) It had to have exceptional rinsing characteristics.

Bond Breaker is not for everyone. It is an expensive product to formulate and stabilize. It is aimed at a unique market that demands the very best and expects it to perform accordingly.

PART #	NOTES:	NET PRICE
ZPBON	1 EACH - 55 GALLON DRUM KIT	\$159.34
'Mix & Match' any 6 Drum Kits and WE PAY THE FREIGHT!		
Freight Program is only available in the continental USA CANADA & all others receive a \$15.00 per box freight allowance.		
BB5	8 GALLON POWER PACK KIT	\$20.00

Mix & Match any FREE FREIGHT Product to achieve the Buy 6 Requirement

Bleach Friendly HOUSE WASH with Gloss Enhancers

EMULSIFIER PLUS

BLEACH FRIENDLY DETERGENT

For the very best of all worlds start with 4 gallons of Emulsifier Plus to 1 Gallon of Bleach

Emulsifier Plus - is one of the Original House Wash Formulas developed by EnviroSpec. Our dilemma at the onset of its development stages were: we all knew bleach works better than anything for killing and cleaning mold & mildew but we also knew that bleach does absolutely nothing about cleaning carbonaceous pollutants such as exhaust carbons, dirt, grease and grime. The task was - how to do both at the same time!

Bleach, for the most part, does not like to be blended with other chemical products and many of the chemical products found in the professional mobile wash industry can create a serious explosive situation when mixed with sodium hypochlorite (bleach). Emulsifier Plus, on the other hand, is the answer to both the safety issue as well as the cleaning problem. These two products work extremely well together when blended and applied in accordance with the EnviroSpec instructions. Have the best of both worlds - Clean and Kill Mildew and Clean All the other Pollutants typically found on an exterior substrate. And do it all in one pass!

Emulsifier Plus has a pH of around 11.8 to 12.0 in a 1% solution. This unique blend of Surfactants & Builders has been specifically formulated for the House Wash Industry as a stand alone detergent or a detergent additive to be blended together with Bleach.

Emulsifier Plus works great on removing heavy build-ups of grease, grime and general fallout pollutants generally found in high traffic areas and exhibits excellent wetting, chelating, rinsing, and emulsification properties. Its ability to hold pollutants in suspension during the wash process makes it an ideal product when using either hot or cold water pressure washers.

PART #	NOTES:	NET PRICE
ZPEMUP	1 EACH - 55 GALLON DRUM KIT	\$93.41
'Mix & Match' any 6 Drum Kits and WE PAY THE FREIGHT!		
Freight Program is only available in the continental USA CANADA & all others receive a \$15.00 per box freight allowance.		
EMUPS	8 GALLON POWER PACK KIT	\$20.00

Best Product for Blue, Red, Brown & Green Siding

PREMIER

Specifically Formulated for Dark Colored Siding where Oxidation is Present

After cleaning Premier leaves a SILICONE MEMBRANE on the surface which is designed to retard the formation of mildew and to keep general 'fall-out' pollutants from adhering to the surface..

Premier would also be your first choice for cleaning new homes in a housing development where the pollutant being cleaned is primarily mildew. This type of cleaning does not require the solvent but only mildew release agents and gloss enhancing additives. Premier would also be a great choice for houses or mobile homes that are cleaned annually.

Premier takes a bow for impressive performance in providing a thorough wash/rinse cycle while remaining gentle on new aluminum, vinyl and wood siding.

PREMIER is a unique blend of specialty surfactants and alkalis specifically formulated for the Professional Exterior House Washing Industry. It acts by first wetting and chelating pollutants and then holding them in suspension until the surface is thoroughly rinsed.

PREMIER is less aggressive on surface and vegetation than typical cleaners used in this field but will achieve superior cleaning results.

Premier is ideally suited for both a hot and cold water pressure washers. By chelating of both calcium and iron in water and a unique water softening additive Premier will provide 'spot free' rinsing when used in accordance with the manufacturers instructions.

PART #	NOTES:	NET PRICE
ZPPRE	1 EACH - 55 GALLON DRUM KIT	\$93.41
'Mix & Match' any 6 Drum Kits and WE PAY THE FREIGHT!		
Freight Program is only available in the continental USA CANADA & all others receive a \$15.00 per box freight allowance.		
PRE5	8 GALLON POWER PACK KIT	\$20.00

Mix & Match any FREE FREIGHT Product to achieve the Buy 6 Requirement

High Foaming Car, Truck & House Wash

FOAM-N-SHINE

**SINGLE PASS CLEANING! INCREDIBLY FAST RINSING!
GREAT SHINE!
HIGH FOAM CLEANING! SOLVENT FREE!**

That is what the 'Foam-N-Shine' Formula is all about!

Using the finest builders in the industry and adding in specific water softening and foaming additives plus a blend of unique 'chelating agents' which 'tie up' the metallic ions in water has resulted in that 'always looked for' but 'seldom found' black magic formula that we now call...

FOAM'N-SHINE

FOAM-N-SHINE exhibits excellent wetting, chelating, rinsing and emulsification properties due to its high concentration of our SuperFlo Polymer Complex System. This exotic complex is formulated from a variety of unique dispersants, hydrotopes, and surfactants which are not commonly found in detergent formulations. With this 'double dose' of SuperFlo Polymer you can expect exceptional brilliance on most surfaces.

FOAM-N-SHINE dramatically reduces surface tension so pollutants 'roll-off' the surface with ease without having to brush. With special wetting agents you will find that FOAM-N-SHINE keeps the surface wetter longer allowing the contractor more flexibility in washing larger areas without having to worry about the surface drying before rinsing.

FOAM-N-SHINE works extremely well with cold water or hot water equipment.

PART #	NOTES:	NET PRICE
ZPFNS	1 EACH - 55 GALLON DRUM KIT	\$104.40
'Mix & Match' any 6 Drum Kits and WE PAY THE FREIGHT! Freight Program is only available in the continental USA CANADA & all others receive a \$15.00 per box freight allowance.		
FSS	8 GALLON POWER PACK KIT	\$20.00

Extra Water Softeners - Cold Water Truck & House Wash

PRO-BLEND

'Film Free' Cleaning in the Truck & House Washing Industry

Features:

**SuperFlo Polymer Gloss Enhancers
Water Softening Additives
Nonionic Surfactant Base**

Pro Blend is, by far, the most effective non-caustic, film free cleaning detergent concentrate in the professional contract cleaning industry. When used properly, the operator can expect to remove 85% to 90% of all road film from both tractor and trailer bodies that are cleaned on a regular basis.

Pro Blend exhibits excellent wetting, chelating, rinsing and emulsification properties due to its high concentration of our SuperFlo Polymer Complex System. This exotic complex is formulated from a variety of unique dispersants, hydrotopes, and surfactants which are not commonly found in detergent formulations.

The power from Pro Blend originates from a wide variety of uniquely charged ion surfactants, which will alter a positive charged substrate to a negative charge upon contact. This bond breaking function will provide the operator with a one-step cleaning process, rather than the typical acid-alkaline or two-step process that is presently being utilized throughout the industry. The advantages of single step cleaning, using Pro Blend, are twofold, 1) the contractor will be able to provide his/her customer with a much higher quality service, at a much lower cost, or should they choose, greatly enhance their own profit margin, and 2) eliminates the possibility of etching glass which can easily happen when using solutions with a hydrofluoric acid content.

PART #	NOTES:	NET PRICE
ZPPROB	1 EACH - 55 GALLON DRUM KIT	\$93.41
'Mix & Match' any 6 Drum Kits and WE PAY THE FREIGHT! Freight Program is only available in the continental USA CANADA & all others receive a \$15.00 per box freight allowance.		
PB5	8 GALLON POWER PACK KIT	\$20.00

Mix & Match any FREE FREIGHT Product to achieve the Buy 6 Requirement

EARTH FRIENDLY - HEAVY DUTY DETERGENT - With a lot of Kick!

BIO-GREEN

Until now - most 'so called' environment friendly cleaners have been little more than 'watered down' products that have been sold under another name.



Choosing environmentally friendly cleaning products and eliminating toxic ones has always been what EnviroSpec is all about and Bio-Green is the latest addition to our arsenal of environment friendly products.

Bio-Green, a variation of the Limonene family, is the answer to everyone's concerns about Earth Friendly products that really can clean.

Bio-Green is truly a workhorse in the industrial and institutional detergent industry. Known for consistency, EnviroSpec, has developed this product to be the answer to all of the concerns in the vehicle cleaning and house washing industry as well as other projects requiring special surface active properties.

Bio-Green offers excellent and economical detergency, foaming, wetting, emulsification and biodegradability needed for today's specialized high performance cleaning products. It has excellent foaming at actual 'use' dilutions which will provide the user with the necessary visual requirements to determine concentration levels on the surface being cleaned.

Yes, Bio-Green can respond to your toughest needs, whether it's a medium duty truck or house wash job or a 'down and dirty' forklift with years of grease and grime. And it can do all this and still be gentle on the world we live in.

PART #	NOTES:	NET PRICE
ZPBG	1 EACH - 55 GALLON DRUM KIT	\$104.40
'Mix & Match' any 6 Drum Kits and WE PAY THE FREIGHT!		
Freight Program is only available in the continental USA CANADA & all others receive a \$15.00 per box freight allowance.		
BG5	8 GALLON POWER PACK KIT	\$20.00

With Mildew Release Solvents & Gloss Enhancers

LIMONENE



The Industry's #1 SELLING Exterior House Wash

In recent years the evolution of the environment conscious homeowners are becoming much more educated in the field of exterior house washing. They are saying 'no-more' to the contractors who are using the unfriendly bleach that has been so popular for so long simply because it is inexpensive to purchase and, until now, there have been few alternatives for removing mold and mildew.

The solvency in Limonene originates from citrus by-products such as orange and lime peels. These solvents, coupled with specific pH balanced surfactants and builders, provide the contractor with an excellent product that quickly removes carbonaceous pollutants such as oil and grease and other fallout pollutants commonly found in the house washing industry. Pollutants such as gutter streaks, mold/mildew, etc. For the first time ever they are experiencing safe and effective surface chemistry that deals with wood, aluminum and vinyl siding and the pollutants common to those surfaces.

Limonene has excellent hydrotoping characteristics through the use of a unique dispersant complex which is not commonly found in detergent chemistry. This complex, known as SuperFlo Polymer, has been developed by EnviroSpec and is found throughout our detergent formulary because of its tremendous ability to add horsepower to virtually every type of alkali detergent products while remaining much more gentle than the alternatives. You will find that Limonene has superior rinsing qualities in both hot and cold water environments which results in cleaning faster and safer. **Contractors who have used Limonene - DON'T STOP!**

PART #	NOTES:	NET PRICE
ZPLIM	1 EACH - 55 GALLON DRUM KIT	\$107.69
'Mix & Match' any 6 Drum Kits and WE PAY THE FREIGHT!		
Freight Program is only available in the continental USA CANADA & all others receive a \$15.00 per box freight allowance.		
LIM5	8 GALLON POWER PACK KIT	\$20.00

Hi-Foam, Hi-Shine, No Solvent House Washing

POWER HOUSE

Specifically Formulated for COLD WATER EQUIPMENT IN HARD WATER AREAS

POWER HOUSE was developed for cold water washing where hard water is present. This product contains an over abundance of water softening chelating agents which makes it well suited for hard water areas throughout the country. Typically hot water is the preferred method of applying and rinsing cleaning chemicals from the surface. However, you will find POWER HOUSE to work equally as well in a cold water environment. This is especially important in States like Florida, Georgia & Texas where it is not uncommon to see surface temperatures in the 130 degree range. Since heat generates alkalinity you can see how dangerous it can be when detergent is applied to the surface using a hot water pressure washer. Quite often this method results in alkaline shock where the water from the detergent evaporates and damages the surface before the operator has time to rinse. More often than not this damage is irreversible. Use POWER HOUSE to avoid this danger.

The dispersant utilized in POWER HOUSE allows for a high concentration of specific builders and surfactants which will completely emulsify carbonaceous as well as general 'fall-out' pollutants commonly found in areas that see a lot of motor vehicle traffic. POWER HOUSE contains a high volume of our SuperFlo Polymer which accounts for it's surface gloss.

Although POWER HOUSE is considered a Super Concentrate you will find that it will provide a great wash/rinse cycle while remaining gentle on the surface.

POWER HOUSE is a unique blend of specialty surfactants and alkalis specifically formulated for the Professional Exterior House Washing Industry. It acts by first wetting and chelating pollutants and then holding them in suspension until the surface is thoroughly rinsed. POWER HOUSE is less aggressive on surface and vegetation than typical cleaners used in this field but will achieve superior cleaning results.

PART #	NOTES:	NET PRICE
ZPPH	1 EACH - 55 GALLON DRUM KIT	\$104.40
'Mix & Match' any 6 Drum Kits and WE PAY THE FREIGHT!		
Freight Program is only available in the continental USA CANADA & all others receive a \$15.00 per box freight allowance.		
PH5	8 GALLON POWER PACK KIT	\$20.00

Removing Gutter Streaks & HEAVY OXIDATION

RIPPER

Are you having trouble removing those 'nasty' Black Streaks on Gutters & Surface Oxidation? NOT ANY MORE!

Our House Wash Collection offers a rich assortment of job matched cleaning products that are uniquely EnviroSpec. RIPPER is just one in that collection that has been making the Exterior House Washing Professional's job so much easier for so many years. To professionals, the real beauty to any of the EnviroSpec performance products is how fast, how effective and how safe they are to use.

RIPPER, developed specifically for gutter streaks & oxidation removal, utilizes several blends of high-performance solvents and specially blended surfactants to deliver optimum efficiency. Knowing that no two gutters will clean alike, EnviroSpec has incorporated into RIPPER a variety of solvent blends that will work independently on the specific pollutant that has created the streak. One of these unique solvents will attack and eliminate the problem.

Of all the questions that have been thrown at us about house washing - the question of how to safely remove gutter streaks is by far the most frequent. We know that solvents are the only products that will safely remove gutter streaks and RIPPER has more than twice the solvent content than most cleaning products in our industry.

After it's introduction into the industry in 1987 RIPPER soon became the envy of many companies who are in the business of manufacturing products for such a demanding industry. Many of those companies sell sodium or potassium hydroxide base products to tackle the gutter streak problem and the unsuspecting contractor buys them not knowing that what they are actually buying are paint strippers. RIPPER is a more effective and much safer way to eliminate the gutter streak & oxidation problem.

PART #	NOTES:	NET PRICE
ZPRIP	1 EACH - 55 GALLON DRUM KIT	\$164.84
'Mix & Match' any 6 Drum Kits and WE PAY THE FREIGHT!		
Freight Program is only available in the continental USA CANADA & all others receive a \$15.00 per box freight allowance.		
RIP5	8 GALLON POWER PACK KIT	\$20.00

Mix & Match any FREE FREIGHT Product to achieve the Buy 6 Requirement

Neutralizes, Brightens & Repairs Unpainted Wood

DECK & SHAKE BRIGHTENER

Un-neutralized High pH Detergents Destroy Wood

High 'pH beds' of detergents, especially sodium or potassium hydroxide, shorten the life expectancy of wood. When those products are used & not neutralized wood surfaces deteriorate fast.

The Deck Restoration Industry has grown considerably in recent years. As is the case when most great ideas are conceived - experts seem to blossom overnight as they have done here. This is not always a good thing.

In the Professional Mobile Wash Industry contractors quite often find themselves in the 'clutches' of many companies with so-called 'revolutionary' cleaning products that are merely extremely high pH detergents of which most are either sodium or potassium hydroxide based. These are great products but not for this industry. The hydroxide family of products are extremely effective in the drain cleaning and exhaust hood cleaning industries but certainly not wood cleaning. When used for wood cleaning they immediately start breaking down wood fibers.

More often than not this idea of using an excessively strong alkali detergent 'bed' has been introduced to kill mold and mildew. We have a product, RESTORE, that will do this without harming the wood but even if RESTORE is not the product of choice a very diluted solution of bleach would be a much better choice than high pH detergents.

Deck & Shake Brightener is a product that will do 2 things. First it will brighten weathered wood and revive it's natural color. For years this product has been a favorite among furniture craftsmen who occasionally find themselves in a situation where a dark or stained spot needs to be blended back in to match the rest of the wood. Second it can be used as the necessary "bandage" when contractors insist on using these strong detergents and the wood has darkened as a result. Or they have to follow behind another contractor who has darkened the wood and doesn't know how to fix it. Deck & Shake Brightener quickly starts reversing this action upon contact. Typically, the darkened surface will be back to normal in 1-4 days.

PART #	NOTES:	NET PRICE
ZPDSB40	1 EACH - 55 GALLON DRUM KIT	\$71.07
'Mix & Match' any 6 Drum Kits and WE PAY THE FREIGHT!		
Freight Program is only available in the continental USA CANADA & all others receive a \$15.00 per box freight allowance.		
DSB5	5 GALLON POWER PACK KIT	\$20.00

Mildew Retardant & Surface Protector

PLEX-MASTER

EXTERIOR SURFACE SEALANT with MILDEW FORMATION RETARDANT

Plex-Master is a blend of silicone & silicone hardener, polymer and mildew retardant that will enhance the appearance of Vinyl and Aluminum Siding, Painted Wood and Metal surfaces after cleaning. Plex-Master is also an excellent product that will eliminate or substantially reduce the reformation of mold and mildew on all surfaces.

Plex-Master provides a distinctive edge that will separate the Professional Contract Cleaner from the "Splash 'N Dash" house washer. For just pennies per job the contract cleaner can provide the homeowner with a 'cleaner clean' and a 'brighter shine' that will last much longer than that of their closest competitor.

When you explain the advantages of using environment friendly products that will leave the soil exactly the way you found it and the added benefit of the Plex-Master application you have virtually left your competitors in the 'dust (dirt)'. With the addition of this product to your sales presentation you will be washing houses from \$400.00 and up even though your competitor quoted them \$79.95. This is a fact that has been proven time and time again.

Mildew, which will form on virtually anything, will be much easier to remove when the surface has been coated with Plex-Master. In most cases the homeowner will be able to keep the surface looking 'alive and free' of mildew with an occasional rinse down using a standard garden hose. Another great feature of Plex-Master is that once applied and rinsed before it has been allowed to dry, the windows will be 'squeaky' clean.

Very quickly downstream Plex-Master 'on' and 'rinse off'. Work in small enough areas so the product can be rinsed before it dries. Typically a 2000 square foot home will require approximately 5 gallons of the Plex-Master mix and the application and rinse process will take about 15 minutes.

PART #	NOTES:	NET PRICE
ZLPLE5	1 EACH - 55 GALLON DRUM KIT	\$65.88
'Mix & Match' any 6 Drum Kits and WE PAY THE FREIGHT!		
Freight Program is only available in the continental USA CANADA & all others receive a \$15.00 per box freight allowance.		
1 EACH 5 GALLONS MAKES 55 GALLONS OF CONCENTRATE		

Mix & Match any FREE FREIGHT Product to achieve the Buy 6 Requirement

Helps Bond Paint to Surface

PREP-EZZ

PRE-PAINT SURFACE PREP & PAINT BONDING

Used By Professional House Painters Everywhere

who do not want to do the job over because the paint did not adhere to the surface

There is nothing, absolutely nothing on the market that will prepare a surface for longer lasting paint adhesion than PrepEZZ.

This non-caustic, specialty solvent based pre-paint prep product has been specifically formulated to safely remove surface oxidation, mildew and general fallout pollutants prior to painting while leaving behind a unique 'paint to surface' bonding environment.

When used properly PrepEZZ will insure that your finished product will last many years longer than what you would normally expect based on paint manufacturers claims. Our unique SuperFlo Polymer Additive, an EnviroSpec exclusive, charges the surface in such a manner that 'locks down' paint adhesion. Used properly the professional painting contractor can be assured that they will never be called back to the job site because the paint is "lifting" or "flaking".

PrepEZZ is sold in a 20 gallon kit form so the painting contractor will be able to easily dissolve the pre-mix formula into solution as needed.

PrepEZZ can be used with hot or cold pressure washers and does not contain harmful caustics or bleach.

The Ultimate
SURFACE CLEANING & PAINT BONDING PRODUCT IN THE INDUSTRY.

PART #	NOTES:	NET PRICE
ZPPREP20	1 EACH - 20 GALLON DRUM KIT (20 LBS)	\$49.45
QUALIFIES FOR FREE FREIGHT		
Freight Program is only available in the continental USA. CANADA & all others receive a \$15.00 per box freight allowance. 2 ea. ZPPREP = 1 of this product in figuring freight allowance.		

Industry's Most Concentrated Oxygen Cleaner

RESTORE

Simply Put? Awesome! Brings Old Wood back to NEW

Cedar Shakes & Unpainted Wood Surfaces such as Decks - Stripping Antique Furniture - Cleaning Tile Grout - Laundry Presoak & Bleach Replacement - Carpet Cleaning ... *you just won't find anything better than RESTORE!*

For Cedar Shakes and unpainted Wood Decks simply spray RESTORE on, wait 20 to 30 minutes, and rinse off. You will not believe your eyes! No more harsh bleach or surface and vegetation aggressive chemicals. Totally removes black mold and mildew build-up on shakes, regardless of how long it has been there.

RESTORE works by means of oxygenation and should not be mixed with water until the operator is ready to perform the job. Once RESTORE is in solution, the operator will have approximately 1-2 hours before the product has exhausted itself. Mix up enough so that you will be able to get the product on the surface within this time. Mix approximately 1/2 to 1 pound of RESTORE into 1 gallon of water and stir several turns. Complete solubility is not necessary since RESTORE will go into solution on it's own through the oxygenation process. Using a ShurFlo Pump place the pick-up line in the solution and spray product directly onto the surface. When product has removed pollutant, rinse with low pressure, 500 - 1000 PSI is all that is required. When using this product on pressure treated wood we recommend the 1/2 lb to 1 gallon of water ratio and rinsing with no more than 500 PSI. Higher dilutions and pressures will cause the surface to 'fuzz' up. When this happens it is generally a temporary situation that will correct itself in a couple of days. Do not use a pump-up sprayer to apply Restore since this product builds pressure when added to water and will over pressurize the sprayer which could result in an injury should the sprayer erupt.

This product will provide unbelievable results. You will be able to produce twice the results in 1/3 the time and with little to no mess. You'll never use harsh chlorine cleaners or solvent based strippers again.

PART #	NOTES:	NET PRICE
ZPRES40	1 EACH - 40 TO 55 GALLON DRUM KIT	\$75.30
'Mix & Match' any 6 Drum Kits and WE PAY THE FREIGHT!		
Freight Program is only available in the continental USA CANADA & all others receive a \$15.00 per box freight allowance.		
RESS	5 GALLON POWER PACK KIT	\$20.00

Mix & Match any FREE FREIGHT Product to achieve the Buy 6 Requirement

The #1 Selling Concrete Cleaning Formula

POWER STROKE

Specifically developed for - FLAT SURFACE CONCRETE CLEANING

FOR PARKING GARAGES, STADIUMS, STRIP MALLS, SHOPPING PLAZAS, RUNWAYS, DRIVEWAYS, PATIOS, DUMPSTER AREAS, SWIMMING POOLS & BANK DRIVE-THRUS

"Power Stroke" has successfully replaced the harsh caustics that have been being used for years. The science behind Power Stroke has made it the Professionals First Choice.

Contains: CONCRETE BRIGHTENING AGENTS

Power Stroke is the highest non-caustic detergent concentration available in the industry.

Power Stroke has been specifically formulated for heavy-duty oil/grease removal for untreated concrete. Unlike the caustics typically used in this industry Power Stroke is much more user and surface friendly when it comes to over spray. You will find Power Stroke cleans much 'quicker' than caustics and acids due to it's excellent wetting, rinsing and emulsification properties and SuperFlo Polymer Complex System.

The general rule of thumb in detergent formulation is as follows: Approximately 1 gallon of water will hold approximately 1 pound of powder before separation begins. If your product begins to separate using this calculation, more often than not, your product has been camouflaged with what is known in our industry as fillers. Fillers provide little to no value to the products integrity. They are used primarily to add weight and increase the bottom line profit for the manufacturer. A typical filler would be Soda Ash. Using the 1 pound per 1 gallon rule you can see the potency of Power Stroke when you consider that we are able to thoroughly dissolve up to 2.5 pounds of Power Stroke into 1 gallon of water without separation. To our knowledge - no other company can make this claim. The advantage of these concentration levels are two fold: 1) the contractor is now able to clean substrates that normally require the use of caustic cleaners and 2) work faster and safer which increases your bottom line.

PART #	NOTES:	NET PRICE
ZPPOW	1 EACH - 55 GALLON DRUM KIT	\$175.82
'Mix & Match' any 6 Drum Kits and WE PAY THE FREIGHT!		
Freight Program is only available in the continental USA CANADA & all others receive a \$15.00 per box freight allowance.		
PS5	5 GALLON POWER PACK KIT	\$20.00

Remove Rust Stain From Concrete

RUST-AWAY

Specifically Formulated to
REMOVE WELL-WATER RUST STAINS FROM CONCRETE

Spray-on! Rinse-off! No Scrubbing Necessary!

**If you work or live in Florida there are two things you must have...
...a bathing suit and a box of Rust-Away!**

RUST-A-WAY crystals are a unique blend of acids and surfactants which remove well-water rust stains from concrete surfaces.

Spray dissolved solution onto surfaces...
...have a cup of coffee and rinse off.

Not for use on Brick containing iron oxide pigments.

Run a test pattern in an
inconspicuous area if you are not sure.



PART #	NOTES:	NET PRICE
ZPRUS40	1 EACH - 55 GALLON DRUM KIT	\$71.43
'Mix & Match' any 6 Drum Kits and WE PAY THE FREIGHT!		
Freight Program is only available in the continental USA CANADA & all others receive a \$15.00 per box freight allowance.		
RUS5	5 GALLON POWER PACK KIT	\$20.00

THE ONLY NON-CAUSTIC EXHAUST HOOD CLEANER

HOOD-PRO

The Industry's First and Best Non-Caustic RESTAURANT EXHAUST HOOD CLEANER

Until now Professionals have always had to rely on corrosives for the real tough hood cleaning jobs but not anymore! Hood Pro has revolutionized the industry by providing the contractor with a product that cleans as quick and effective as the 'hottest' hydroxide products in the industry while leaving him completely 'scare free' and with hair still on his arms when the job is complete. Only a Professional Exhaust Hood Contractor can fully appreciate that statement.

EnviroSpec's HOOD PRO product is the non-caustic workhorse of the professional exhaust hood cleaning industry. Known for it's consistent high performance, this powerful grease dissolving formula is being used more and more by the professionals who know and understand the disadvantages of using sodium or potassium hydroxide products. The "power" from Hood-Pro comes mainly from a wide variety of special 'ion' charged surfactants not commonly found in the detergent formulary industry. Coupled with a unique "builder" base, HOOD-PRO exhibits unbelievable pH stability and excellent foaming characteristics.

HOOD PRO offers excellent and economical grease dissolving, foaming, wetting, emulsification and biodegradability needed for today's specialized contractor. HOOD PRO is 100% active and highly concentrated. For example; the 'hottest' hydroxide products consist mainly of 50 pounds of powder to 50 gallons of water. The finished HOOD-PRO product will yield 55 gallons which is compounded from 80 pounds of the finest builders and performance driven surfactants in the industry

HOOD PRO will respond to your most difficult cleaning project with ease and provide you with an environment which is much safer to humans and less damaging to the surface.

PART #	NOTES:	NET PRICE
ZPHP	1 EACH - 55 GALLON DRUM KIT	\$181.32
'Mix & Match' any 6 Drum Kits and WE PAY THE FREIGHT!		
Freight Program is only available in the continental USA CANADA & all others receive a \$15.00 per box freight allowance.		
HP5	5 GALLON POWER PACK KIT	\$20.00

Exhaust Carbons Explode from the Surface!

'OCB' EMULSIFIER

"OIL EATING" SUPER SOLVENT-SURFACTANT

for those 'nasty' Truck Fleets that are loaded with exhaust carbon.

**'OCB' Emulsifier can be added to any
Drum Pack of EnviroSpec Detergent
in concentration levels of 1 Gallon to 55 Gallons.**

Ask any Professional Mobile Washer who washes trucks and they will tell you that not a 'shift' goes by without running into at least one account that is loaded with exhaust carbon on the 'stack side' of the trailer that seems to take forever to clean and when you think you are through - the job still looks terrible!

Add 1 Gallon of 'OCB' Emulsifier
and watch the carbon & grease
explode off the surface!

PART #	NOTES:	NET PRICE
ZLOIL	1 Gallon Container	\$32.91
1 Gallon Activates & Energizes 55 Gallons of Detergent		

Mix & Match any FREE FREIGHT Product to achieve the Buy 6 Requirement

Make Your Own CAUSTIC Exhaust Hood Cleaner

PERFORMANCE BUILDER

WAIT! DON'T BUY ANY MORE CAUSTIC HOOD CLEANERS

if you do you are wasting even more money!

Personally speaking I think one of the biggest 'scams' perpetrated on the Professional Mobile Wash Industry is trying to make them think that there is a lot of 'rocket science' that goes into producing high performance, caustic exhaust hood cleaners. There isn't and if you insist on purchasing those type of products - well then - you are just wasting a lot of money because anyone can make them.

Simply purchase a drum of 85% Potassium Hydroxide and add one gallon of

PERFORMANCE BUILDER PLUS

Sodium Hydroxide and Potassium Hydroxide Exhaust Hood Cleaners and Paint Strippers (same thing) are nothing but 1 gallon of surfactant added to the drum and stirred in. Nothing more - *nothing less*. The secret is this - because of the aggressiveness of these two raw materials there are only a couple of surfactants that are stable in the solution for any period of time and they are not cheap. Because of the cost of this family of surfactants many manufacturers rely on a nine mole surfactant such as that found in typical detergents and slap a label on it and out the door it goes. The trouble here is that by the time you get the product the surfactant has been overwhelmed by the hydroxide to a point where it has exhausted it's ability to perform. Performance Builder Plus is a blend of high yield, caustic stable surfactants & emulsifiers that will hold up indefinitely and help to 'crank up' the horsepower of the raw material.

Next time you decide to buy a caustic cleaner order up a gallon of Performance Builder Plus. Then look in your yellow pages for your local chemical supplier. If you can't find one call Univar at 800-233-0633 or <http://www.univarusa.com> or Brentag Mid South at 800-289-4020 or <http://www.pbschemical.com> for their location nearest you.

A premium caustic exhaust hood cleaner would be one where 50 pounds of sodium hydroxide beads are mixed with 55 gallons of water along with one gallon of Performance Builder Plus. Exercise caution when mixing sodium hydroxide beads with water. Add very slowly otherwise there can be a violent reaction where the product will blow back on you. After the beads have been added stir in the Performance Builder Plus. If you use Potassium Hydroxide you will purchase that in a 85% liquid form. Typically a manufacturer will make 4 drums out of 1 drum of the 85% solution. In this case you will need 4 each 2.5 gallon containers of Performance Builder Plus. EXERCISE CAUTION when working with any chemical product. Read and understand the MSDS and all safety information about the products being handled. Wear protective clothing and safety glasses. Do not allow any unprotected person or animal around the mixing area. Clean up when done.

PART #	NOTES:	NET PRICE
ZLPBC	1 EACH - 2.5 GAL CONTAINER	\$71.37
ZLPBC55	55 GALLON DRUM	\$1263.74
ADD 1 EA 2.5 GAL. BOTTLE TO 55 GALLON DRUM		

QUICK RINSE ADDITIVE

SPEED-X-777

Not making as much money as you thought you would?

Have you stopped to consider that 70% of your cleaning time is lost in the RINSE rather than WASHING?

Don't believe it? The next time you go to the job site time yourself. How long does it take to apply the soap and how long does it take to make absolutely sure that all the "soap" is rinsed free? *You are in for a shock!*

Cut your rinse time as much as 80% with Speed-X-777

Plus You'll Save That Precious Water!



Add 1 Gallon to 55 Gallons of detergent.
(enough for 275 Gallons)

PART #	NOTES:	NET PRICE
ZLSPE5	1 EACH - 5 GALLON PAIL	\$54.89

Mix & Match any FREE FREIGHT Product to achieve the Buy 6 Requirement

Sodium & Potassium Hydroxide FREE Deck & Shake Stripper

STRIP-T-EASE

The Fastest Acting, Safest Deck Stripper in the Industry.

Does not contain harmful hydroxides that shortens deck life.

Simply spray 'STRIP-t-ease' on and let it sit for 15 minutes and power wash the stain away.

'STRIP-t-ease' contains a unique blend of surfactants and emulsifying solvents that attack and breakdown the stain allowing for a fast attack and flush product.

'STRIP-t-ease' is packaged in a 55 gallon drum pack which consist of 50 pounds of a powder and solvent blend. Simply add your own water to produce a product that is superior and safer than anything you have ever used.

PART #	NOTES:	NET PRICE
ZPSTR	1 EACH - 55 GALLON DRUM KIT	\$109.89
'Mix & Match' any 6 Drum Kits and WE PAY THE FREIGHT!		
Freight Program is only available in the continental USA CANADA & all others receive a \$15.00 per box freight allowance.		
NO POWER PACKS AVAILABLE		

GLASS DE-ETCH

FOR ACID DAMAGED GLASS!

Jewelers use a lesser grade of this compound to polish out scratches on expensive crystal.

Glass De-Etch is a Rare Earth Glass/Crystal Polishing Compound to be used when severe acid damaged has occurred to any glass.

USE INSTRUCTIONS:

Mix with water to the consistency of pancake batter and wipe on windshield. Using a electric buffer with a low pile polishing pad buff briskly into the surface. Work in small areas.

A high stock removal rate, which is partially due to the narrow particle distribution resulting in a low percentage of fines, leaves a clear, bright finish.

Physical Characteristics: Color: Pale Pink
Composition: REO Content - 76%
Average Particle Size: 3.4 Microns

PART #	NOTES:	PRICE EA.
ZPGDE	1 EACH - 1 POUND	\$32.91

Enough for 10 Windshields

SCUM BUSTER

OOOPS!

**Did you let soap dry on the glass?
Yes Scum Buster Really Works!**

Scum Buster is manufactured from the world's finest Rare Earth Glass Polishing Compounds.

USE INSTRUCTIONS:

Mix with water to the consistency of warm syrup. Wipe or paint onto glass and briskly polish surface.

PHYSICAL CHARACTERISTICS:

Color: Pale Pink
Composition: REO Content - 76%
Average Particle Size: 3.4 Microns
pH Factor: 6.7 - 8.0
Trapped Bulk Density: 1.39 grams
Suspension Treated
Insoluble in Water

PART #	NOTES:	NET PRICE
ZPSB	1 EACH - 5 POUNDS	\$32.91

Enough for all the Glass in 2-3 Houses

Mix & Match any FREE FREIGHT Product to achieve the Buy 6 Requirement

SALES POLICIES

It is the
Consumers Responsibility
to provide the
CUSTOMER SERVICE REP
with the
CORRECT PART NUMBER

Remember, if you don't know what you want, the best we can do is guess right along with you. We will do everything humanly possible to help you when you have a question - but you can not hold us responsible if you ask for our help and we make a mistake. With our intense and constant training programs we feel our Customer Service Reps know as much or more about our industry than do those of our competition. However, keep in mind that YOU are the PROFESSIONAL and you should know your equipment better than anyone. If you do need assistance and would like to talk directly to our Technical Service Advisor or the Manufacturer of a particular item before ordering, please ask your Customer Service Rep for their extension or phone number and try and remember - when I was a Mobile Washer there was no such thing as an "800" number to call to get a question answered. I had to figure it out for myself and today I am glad I did. Learn your equipment. It will make you a stronger professional. John Allison

Did you know...
one female cat
and her offspring
can produce
420,000 CATS
in 7 years?
please
Spay/Neuter

DISCLAIMER

Some of the pictures within this catalog are for illustration purposes only. Be sure and ask your sales representative if the item in question is represented by the picture herein. **EnviroSpec reserves the right to limit quantities of any item in this catalog. Prices are subject to change without notice.** It is the purchasers responsibility to order by part number and to ask the sales representative to read back the order along with the current pricing and availability. This catalog is for the sole intent to sell to industry professionals only and possession of this catalog or any marketing material from EnviroSpec does not necessarily mean that we will be able to sell to you.

RESTOCKING CHARGE

Any item that is ordered incorrectly and is returned to EnviroSpec within 30 days of purchase and in a "not used" or "not installed" condition and where the credit is to remain on the customers account for future purchases will be credited at full purchase price. If the item in question is to be credited back to the customers credit card it will be done so less 15%. If payment was made by check we will hold a credit in the customers account. Any credit held in a customers account must be used in it's entirety when the customer places his/her next order. Remember, Items must be returned pre-paid to EnviroSpec and must be in unused condition and showing no signs of mounting and/or installation.

RETURNS

Items ordered and not returned within **30 days** from the original order date or items ordered that are not in our catalog **ARE NOT** returnable. If you are ordering an item that is not in our catalog and would like to talk to the manufacturer first we will gladly give you their phone number. Just ask!

TERMS

EnviroSpec accepts Master Card, VISA, Discover, and AMEX. Pressure Washers must be paid for by Certified Funds ONLY or Wire Transfer.

Price Match Guarantee - find any legitimately advertised item in our catalog elsewhere for less and not only will we meet their price but we will beat it by 5%. Vendor or Manufacturer 'close-outs', Mosmatic items & Honda engines do not qualify.

Shipping is not refundable.

WARRANTY

All items sold in this catalog are **NEW** and not refurbished or used components. EnviroSpec does not warranty any item in this catalog except those that are manufactured by EnviroSpec. All warranties are presented to the buyer by the original manufacturer and must be returned, pre-paid, to EnviroSpec for evaluation and adjustments. All returned items must be accompanied by an "RGA" (Returned Goods Authorization) which EnviroSpec will provide to you. EnviroSpec **WILL NOT** send out replacement item(s) on a "no-charge" basis while EnviroSpec or the manufacturer is evaluating a returned item. If you need an immediate replacement you will have to purchase said replacement. However, you must understand that all items are covered by a "repair" or "replace" warranty and you could wind up with two of the same items. *We like to call them "spares".*

EQUIPMENT PURCHASES

If you purchase a Pressure Washer or Hot Water Heater you do so under the same terms and conditions that a Pressure Washer Distributor would purchase said equipment. Simply put, we **DO NOT** provide any labor warranty but only a warranty on Parts and Components that go into the make-up of the final product. Also, you **MUST UNDERSTAND** that in shipping large equipment - nuts, bolts, components, etc. may work loose and adjustments may have to be made prior to using the equipment. If you indicate to us that you are familiar with the equipment so you will be able to take advantage of huge discounts and you find yourself needing a pressure washer distributor in your area to make adjustment or repairs for you - you will not be entitled to any labor reimbursement. Remember, you must be able to work on your equipment or you should buy from your local distributor.

RECEIVING YOUR PACKAGES

DO NOT SIGN FOR ANYTHING that looks like it has been damaged! Refuse it so we can handle the UPS/Shipping Claim. **IF YOU DO SIGN FOR IT** and there is a problem **WE CAN NOT HELP YOU**. At that point you will have to contact the shipping company for adjustments. If UPS leaves a package without your signature and there are damages call your local UPS and have them pick up the package. Do not throw away any packaging on damaged goods. Save for UPS Inspection.

CHEMICALS ARE NOT RETURNABLE