

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>PART #</u>	<u>MODEL #</u>	<u>GPM</u>	<u>PSI</u>	<u>RPM</u>	<u>SHAFT</u>	<u>PISTON</u>	<u>WT.</u>	<u>LIST PRICE</u>
6511.0012.00	VRX 2017 V L46 AL ES 2.0	2.0	1700	3200	7/8"	14mm	5.3	\$250.00
6511.0024.00	VRX 2017 V L46 AL	2.1	1700	3400	7/8"	14mm	5.3	\$290.00
6511.0023.00	VRX 2017 V L80 AL	2.0	1700	3200	7/8"	14mm	5.3	\$280.00
6511.0004.00	VRX 2022 V L46	2.0	2200	3200	7/8"	14mm	7.7	\$325.00
6511.0003.00	VRX 2022 V L80	2.0	2200	3200	7/8"	14mm	7.7	\$335.00
6511.0008.00	VRX 2422 V L80	2.3	2200	3200	7/8"	14mm	7.7	\$355.00

VRX

Horizontal Pumps

<u>PART #</u>	<u>MODEL #</u>	<u>GPM</u>	<u>PSI</u>	<u>RPM</u>	<u>SHAFT</u>	<u>PISTON</u>	<u>WT.</u>	<u>LIST PRICE</u>
6511.0005.00	VRX 2522 G	2.4	2200	3400	3/4"	14mm	7.7	\$335.00
6511.0015.00	VRX 2524 G	2.4	2400	3400	3/4"	14mm	7.7	\$380.00
6511.0020.00	VRX 2225 G TR	2.2	2500	3400	3/4"	14mm	7.7	\$395.00
6511.0025.00	VRX 2527 G	2.5	2700	3400	3/4"	14mm	7.7	\$380.00

*TR-Thermal Relief

VRX Repair Kits (Kits also on Pages 25 & 26)

5026.0260.00	Piston Kit, All VRX Pumps	\$46.71	5026.0257.00	Valve Kit, 2200 PSI	\$40.35
5026.0256.00	Piston Seal Kit, 2200+ PSI	\$47.96	5026.0263.00	Valve Kit, 1700 PSI	\$44.78
5026.0265.00	Piston Seal Kit, 1700 PSI	\$16.97	5026.0270.00	Valve Kit, 2400+ PSI	\$52.68

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
- Pallet Qty 72 (Boxed or Egg-Crated)

- Additional Flows & Pressures are Available Upon Request

Takes 4.5 Ounces Pump Oil

<u>PART #</u>	<u>MODEL #</u>	<u>GPM</u>	<u>PSI</u>	<u>RPM</u>	<u>SHAFT</u>	<u>WT.</u>	<u>LIST PRICE</u>
6525.0003.00	BXD 2220 G	2.2	2000	3400	3/4" Hollow	11.0	\$420.00
6525.0004.00	BXD 3020 G	2.8	2000	3400	3/4" Hollow	11.0	\$420.00
6525.0001.00	BXD 2525 G	2.2	2500	3400	3/4" Hollow	11.0	\$420.00
6525.0005.00	BXD 3025 G	2.8	2500	3400	3/4" Hollow	11.0	\$420.00
6525.0002.00	BXD 2527 G	2.4	2700	3400	3/4" Hollow	11.0	\$420.00

BXD Repair Kits (Kits also on Pages 25 & 26)

5019.0667.00	Seal Kit, Water	\$63.85
5025.0027.00	Check Valve Kit	\$64.52
1215.0403.00	Unloader Valve Kit	\$95.97

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

- Pallet Qty 100 (Boxed or Egg-Crated)

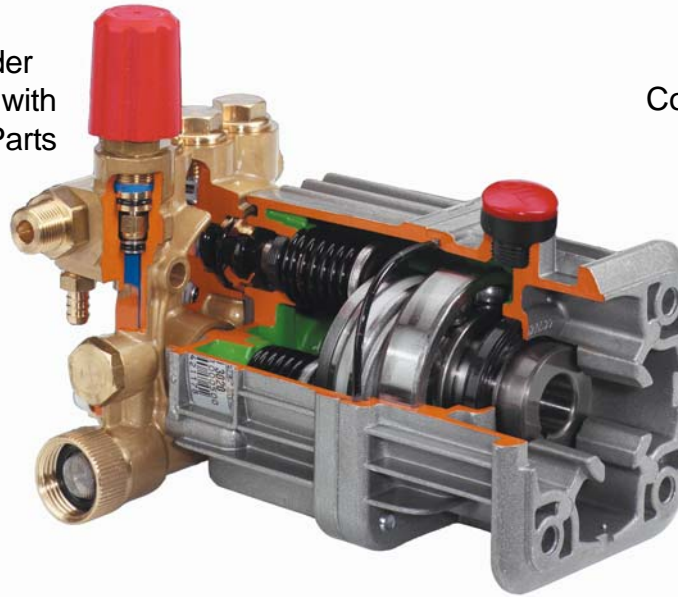
<u>PART #</u>	<u>MODEL #</u>	<u>GPM</u>	<u>PSI</u>	<u>RPM</u>	<u>SHAFT</u>	<u>WT.</u>	<u>LIST PRICE</u>
6525.0010.00	BXD 2020 E	1.9	2000	3400	5/8" Hollow	11.0	\$430.00
6525.0011.00	BXD 2520 E	2.5	2000	3400	5/8" Hollow	11.0	\$430.00
6525.0012.00	BXD 3020 E	2.8	2000	3400	5/8" Hollow	11.0	\$430.00

BXD Repair Kits (Kits also on Pages 25 & 26)

5019.0671.00	Seal Kit, Water	\$64.14
5025.0027.00	Check Valve Kit	\$64.52
1215.0401.00	Unloader Valve Kit	\$84.94

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

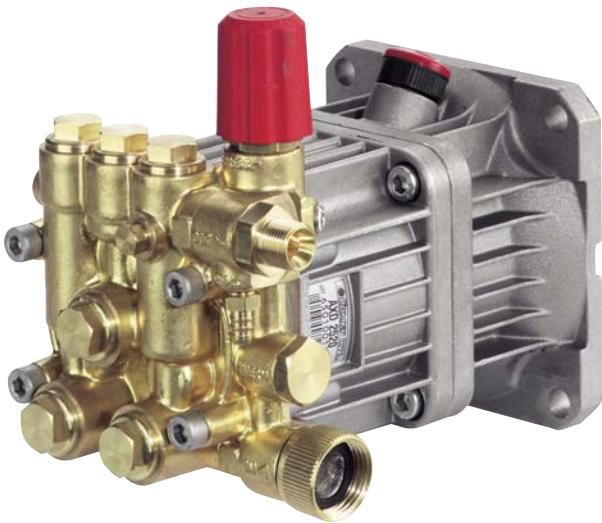


- Industrial Duty Construction for Extended Life
- Patent Registered Ball Bearing Design
- Built-in Garden Hose Adapter
- Double-Sealing Buna-Textile V-Packing
- Optional Built-in Thermal Protector & Pressure Relief Valve

- Additional Flows & Pressures are Available Upon Request
Takes 6 Ounces Pump Oil

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
- Pallet Qty: 100-Boxed; 96-Egg-Crated

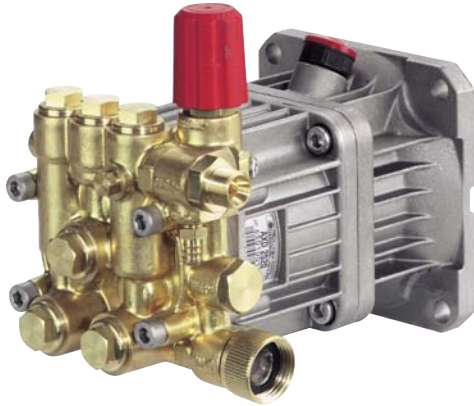
<u>PART #</u>	<u>MODEL #</u>	<u>GPM</u>	<u>PSI</u>	<u>RPM</u>	<u>SHAFT</u>	<u>WT.</u>	<u>LIST PRICE</u>
6501.0005.00	AXD 3020 G	2.7	2000	3400	3/4" Hollow	12.0	\$525.00
6501.0008.00	AXD 3522 G	3.3	2200	3400	3/4" Hollow	12.0	\$545.00
6501.0050.00	AXD 2524 G-T	2.4	2400	3400	3/4" Hollow	12.0	\$475.00
6501.0051.00	AXD 2524 G	2.4	2400	3400	3/4" Hollow	12.0	\$525.00
6501.0006.00	AXD 3025 G	2.9	2500	3400	3/4" Hollow	12.0	\$570.00
6501.0017.00	AXD 3525 G	3.3	2500	3400	3/4" Hollow	12.0	\$570.00
6501.0063.00	AXD 2427 G	2.4	2700	3400	3/4" Hollow	12.0	\$570.00
6501.0059.00	AXD 2527 G-T	2.5	2700	3400	3/4" Hollow	12.0	\$510.00
6501.0025.00	AXD 2527 G	2.5	2700	3400	3/4" Hollow	12.0	\$570.00

"T" Denotes Stainless Steel Pistons

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
-
- Pallet Qty: 90-Boxed; 70-Egg-Crated;
 - *Exceptions below

PART #	MODEL #	GPM	PSI	RPM	SHAFT	WT.	LIST PRICE
6502.0009.00	AXS 0415 E	0.4	1500	1750	5/8" Hollow	12.0	\$525.00
6502.0010.00	AXS 0615 E	0.6	1500	1750	5/8" Hollow	12.0	\$525.00
6502.0005.00	AXS 1015 E	0.9	1500	1750	5/8" Hollow	12.0	\$525.00
6502.0008.00	AXS 1315 E	1.3	1500	1750	5/8" Hollow	12.0	\$525.00
6502.0006.00	AXS 2015 E	1.7	1500	1750	5/8" Hollow	12.0	\$525.00
6501.0038.00*	AXD 2020 E	1.7	2000	3400	5/8" Hollow	12.0	*72 Egg-Crated \$525.00
6501.0010.00	AXD 2020 E	1.9	2000	3400	5/8" Hollow	12.0	\$545.00
6501.0012.00	AXD 2520 E	2.5	2000	3400	5/8" Hollow	12.0	*96 Boxed \$545.00
6501.0013.00	AXD 3020 E	2.9	2000	3400	5/8" Hollow	12.0	\$545.00
6501.0087.00	AXD 3020 GE	2.9	2000	3400	3/4" Hollow	12.0	\$550.00
6501.0090.00	AXD 2527 GE	2.5	2700	3400	3/4" Hollow	12.0	\$555.00

*5.5 Degree Cam

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
- Pallet Qty: 70-Boxed; 70-Egg-Crated

PART #	MODEL #	GPM	PSI	RPM	SHAFT	WT.	LIST PRICE
6501.0024.00	AXD 3030 G	2.9	3000	3400	1" Hollow	14.5	\$690.00
6501.0027.00	AXD 3530 G	3.3	3000	3400	1" Hollow	14.5	\$690.00
6501.0023.00	AXD 4030 G	3.7	3000	3400	1" Hollow	14.5	\$690.00

AXD Repair Kits (Kits also on Pages 25 & 26)

AXD up to 2400 PSI Repair Kits

5019.0077.00 Seal Kit up to 2400 psi models	\$72.79
5026.0143.00 Unloader Rebuild Kit	\$106.42
5025.0014.00 Check Valve Kit universal	\$54.32
2409.0092.00 Piston Kit	\$178.16
5019.0079.00 Seal Kit, Oil	\$41.31

AXD 2500+ PSI Repair Kits

5019.0078.00 Seal Kit HP 2500+ psi Only	\$91.49
5026.0143.00 Unloader Rebuild Kit	\$106.42
5025.0014.00 Check Valve Kit Universal	\$54.32
2409.0092.00 Piston Kit	\$178.16
5019.0079.00 Seal Kit, Oil	\$41.31

AXD 3000 PSI Repair Kits

5019.0086.00 Seal Kit HP 3000 psi only	\$94.67
5026.0143.00 Unloader Rebuild Kit	\$106.42
5025.0014.00 Check Valve Kit universal	\$54.32
2409.0103.00 Piston Kit 3000 psi only	\$192.80
5019.0079.00 Seal Kit, Oil	\$41.31

BW SERIES

Industrial Duty Plunger Pumps

3400 RPM – 3/4" Hollow Shafts (SAE J609 A-B) - Gas



- 1/2" FPT Inlet – 3/8" MPT Outlet
- Built-in Uniflow Unloader and Fixed Chemical Injector
- Double Seal Packings (High & Low)
- Anodized Crankcase
- Ceramic Plungers
- Forged Brass Manifold
- Stainless Steel Check Valves

Takes 10 Ounces Pump Oil

<u>PART #</u>	<u>MODEL #</u>	<u>GPM</u>	<u>PSI</u>	<u>RPM</u>	<u>SHAFT</u>	<u>PISTON</u>	<u>WT.</u>	<u>LIST PRICE</u>
6521.0150.00	BWD 2527 G-K	2.6	2700	3400	3/4" Hollow	14mm	13.9	\$620.00
6521.0250.00	BWD 3020 G-K	3.0	2000	3400	3/4" Hollow	14mm	13.9	\$620.00
6521.0350.00	BWD 3027 G-K	3.0	2700	3400	3/4" Hollow	14mm	13.9	\$620.00

3400 RPM – 3/4" Hollow Shafts (NEMA 56C) - Electric



- 1/2" FPT Inlet – 3/8" MPT Outlet
- Built-in Uniflow Unloader and Fixed Chemical Injector
- Double Seal Packings (High & Low)
- Anodized Crankcase
- Ceramic Plungers
- Forged Brass Manifold
- Stainless Steel Check Valves

Takes 10 Ounces Pump Oil

<u>PART #</u>	<u>MODEL #</u>	<u>GPM</u>	<u>PSI</u>	<u>RPM</u>	<u>SHAFT</u>	<u>PISTON</u>	<u>WT.</u>	<u>LIST PRICE</u>
6521.0251.00	BWD 3020 E-K	2.6	2000	3400	3/4" Hollow	14mm	13.9	\$645.00
6521.0450.00	BWD 2020 E-K	2.9	2000	3400	3/4" Hollow	14mm	13.9	\$645.00

BW Repair Kits (Hot and Standard Kits also on Pages 25 & 26)

5019.0686.00	BW Water Seal Kit	\$98.11
5019.0685.00	BW Oil Seal Kit	\$49.30
5025.0030.00	Valve Kit	\$56.29
1215.0403.00	Unloader Kit (2700 PSI)	\$95.97

LW SERIES Industrial Duty Plunger Pumps

1450 RPM

1750 RPM

3400 RPM

- 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

Takes 11 Ounces Pump Oil

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
- Pallet Qty 100 (Boxed or Egg-Crated)

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT.	LIST PRICE
6300.1501.00	LW 0509 S	0.5	1500	1450	24mm Solid	15mm	13.4	\$605.00
6300.1401.00	LW 1009 S	1.0	1500	1450	24mm Solid	18mm	13.4	\$605.00
6300.1601.00	LW 1509 S	1.5	1500	1450	24mm Solid	18mm	13.4	\$605.00
6300.0502.00	LW 2020 S	2.1	2000	1450	24mm Solid	15mm	13.4	\$595.00
6300.0303.00	LW 3020 S	3.0	2000	1450	24mm Solid	18mm	13.4	\$595.00
6300.0700.00	LW 3025 S	3.0	2500	1450	24mm Solid	18mm	13.4	\$640.00
6300.0800.00	LW 3525 S	3.5	2500	1450	24mm Solid	18mm	13.4	\$640.00

LW Series Mounting Rail Kits

5011.0184.00	Standard Rail Kit for LW Series Pumps	\$10.74
5011.0216.00	Tall Rail Kit for LW Series Pumps	\$20.27

LW Series Repair Kits (Hot and Standard Kits also on Pages 25 & 26)

5019.0035.00	LW Seal Kit, 15mm	\$72.13	2409.0071.00	LW Piston Kit, 15mm	\$186.92
5019.0037.00	LW Seal Kit, 18mm	\$73.58	2409.0072.00	LW Piston Kit, 18mm	\$190.97
5019.0040.00	LW Oil Seal Kit Solid Shaft	\$44.40	5025.0011.00	LW Check Valve Kit	\$81.86

LWS

Series Pumps-Solid Shaft



- 1750 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
- Pallet Qty 100 (Boxed or Egg-Crated)

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT.	LIST PRICE
6301.2700.00	LWS 0609 S	0.6	1500	1750	24mm Solid	15mm	13.4	\$605.00
6301.2500.00	LWS 1209 S	1.2	1500	1750	24mm Solid	18mm	13.4	\$605.00
6301.2600.00	LWS 1809 S	1.8	1500	1750	24mm Solid	18mm	13.4	\$605.00
6301.0101.00	LWS 2020 S	2.2	2000	1750	24mm Solid	15mm	13.4	\$605.00
6301.0601.00	LWS 3020 S	3.1	2000	1750	24mm Solid	18mm	13.4	\$605.00
6301.1400.00	LWS 4020 S	4.0	2000	1750	24mm Solid	18mm	13.4	\$645.00
6301.1300.00	LWS 3025 S	3.2	2500	1750	24mm Solid	18mm	13.4	\$645.00
6301.1201.00	LWS 3525 S	3.5	2500	1750	24mm Solid	18mm	13.4	\$645.00

Pump with Built-In Unloader

6301.1350.00	LWS 3025 S-K 3.2	2500	1750	24mm Solid	18mm	17.0	*97 Egg-Crated	\$740.00
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LW Series Mounting Rail Kits

5011.0184.00	Mounting Rail Kit for LW Series Pumps							\$10.74
5011.0216.00	Tall Rail Kit for LW Series Pumps							\$20.27

LW Series Repair Kits (Hot and Standard Kits also on Pages 25 & 26)

5019.0035.00	LW Seal Kit, 15mm	\$72.13	2409.0071.00	LW Piston Kit, 15mm	\$186.92
5019.0037.00	LW Seal Kit, 18mm	\$73.58	2409.0072.00	LW Piston Kit, 18mm	\$190.97
5019.0040.00	LW Oil Seal Kit Solid Shaft	\$44.40	5025.0011.00	Check Valve Kit	\$81.86

LWS

Series Pumps-Electric



1750 RPM - NEMA 56C - 5/8" or 3/4" Hollow 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
- NEMA 56C Electric Motor Flange with 5/8" Hollow Shaft
- Pallet Qty 100 (Boxed or Egg-Crated)

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT.	LIST PRICE
6301.2701.00	LWS 0609 E	0.6	1500	1750	5/8" Hollow	15mm	13.4	\$630.00
6301.2501.00	LWS 1209 E	1.2	1500	1750	5/8" Hollow	18mm	13.4	\$630.00
6301.2601.00	LWS 1809 E	1.8	1500	1750	5/8" Hollow	18mm	13.4	\$630.00
6301.2300.00	LWS 0409 GE	0.4	1500	1750	3/4" Hollow	18mm	13.4	\$630.00
6301.0102.00	LWS 2020 E	2.2	2000	1750	5/8" Hollow	15mm	13.4	\$630.00
6301.0604.00	LWS 3020 E	3.0	2000	1750	5/8" Hollow	18mm	13.4	\$630.00
6301.0654.00*	LWS 3020 E-K 3.0	2000	1750	5/8" Hollow	18mm	13.4		\$705.00
6301.0602.00	LWS 3520 E	3.6	2000	1750	5/8" Hollow	18mm	13.4	\$630.00

*Built-in Unloader

LW Series Repair Kits (Hot and Standard Kits also on Pages 25 & 26)

5019.0035.00	LW Seal Kit, 15mm	\$72.13	2409.0071.00	LW Piston Kit, 15mm	\$186.92
5019.0037.00	LW Seal Kit, 18mm	\$73.58	2409.0072.00	LW Piston Kit, 18mm	\$190.97
5019.0041.00	LW Oil Seal Kit Hollow Shaft	\$45.36	5025.0011.00	Check Valve Kit	\$81.86

LWD

Series Pumps-Solid 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 & Piston Guides
- Buna-Textile V-Packings
- Reversible Crankcase for Right or Left Hand Mounting
- 24mm Solid, Keyed Shaft
- Pallet Qty 100 (Boxed or Egg-Crated)

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT.	LIST PRICE
6303.0507.00	LWD 3020 S	3.0	2000	3400	24mm Solid	15mm	13.4	\$600.00
6303.0803.00	LWD 3522 S	3.5	2200	3400	24mm Solid	15mm	13.4	\$600.00
6303.0702.00	LWD 3025 S	3.0	2500	3400	24mm Solid	15mm	13.4	\$600.00

LW Series Mounting Rail Kits

5011.0184.00	Mounting Rail Kit for LW Series Pumps	\$10.74
5011.0216.00	Tall Rail Kit for LW Series Pumps	\$20.27

LW Series Repair Kits (Hot and Standard Kits also on Pages 25 & 26)

5019.0035.00	LW Seal Kit, 15mm	\$72.13	2409.0071.00	LW Piston Kit, 15mm	\$186.92
5019.0040.00	LW Oil Seal Kit Solid Shaft	\$44.40	5025.0011.00	Check Valve Kit	\$81.86

LWD

Series Pumps-Electric

3400 RPM - NEMA 56C -5/8" or 3/4" Hollow 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
- NEMA 56C Electric Motor Flange with 5/8" or 3/4" Hollow Shaft
- Pallet Qty 100 (Boxed or Egg-Crated)

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT.	LIST PRICE
6303.0105.00	LWD 2020 E	2.1	2000	3400	5/8" Hollow	15mm	13.4	\$620.00
6303.0156.00	LWD 2020 E-K	2.1	2000	3400	5/8" Hollow	15mm	13.4	\$660.00
6303.0509.00	LWD 3020 E	3.0	2000	3400	5/8" Hollow	15mm	13.4	\$620.00
6303.0806.00	LWD 3522 E	3.5	2200	3400	5/8" Hollow	15mm	13.4	\$685.00
6303.0804.00	LWD 3522 GE	3.5	2200	3400	3/4" Hollow	15mm	13.4	\$685.00

"A" Denotes aluminum manifold

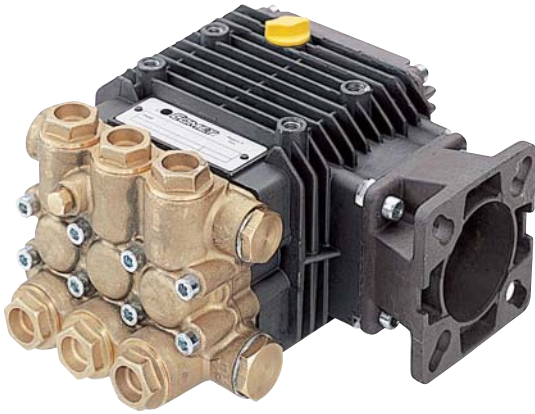
"K" Denotes built-in unloader

LW Series Repair Kits (Hot and Standard Kits also on Pages 25 & 26)

5019.0035.00	LW Seal Kit, 15mm	\$72.13	5026.0130.00	Unloader Rebuild Kit	\$101.70
2409.0071.00	LW Piston Kit, 15mm	\$186.92	5026.0123.00	Unloader Maintenance Kit	\$40.16
5025.0011.00	Check Valve Kit	\$81.86	5019.0041.00	LW Oil Seal Kit Hollow Shaft	\$45.36

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
- Pallet Qty 100 (Boxed or Egg-Crated)

<u>PART #</u>	<u>MODEL #</u>	<u>GPM</u>	<u>PSI</u>	<u>RPM</u>	<u>SHAFT</u>	<u>PISTON</u>	<u>WT.</u>	<u>LIST PRICE</u>
6303.0104.00	LWD 2020 G	2.1	2000	3400	3/4" Hollow	15mm	13.4	\$575.00
6303.1600.00	LWD 2520 G	2.5	2000	3400	3/4" Hollow	15mm	13.4	\$575.00
6303.0508.00	LWD 3020 G	3.0	2200	3400	3/4" Hollow	15mm	13.4	\$575.00
6303.0802.00	LWD 3522 G	3.5	2200	3400	3/4" Hollow	15mm	13.4	\$680.00
6303.0701.00	LWD 3025 G	3.0	2500	3400	3/4" Hollow	15mm	13.4	\$600.00
6303.1700.00	LWD 2525 G	2.5	2700	3400	3/4" Hollow	15mm	13.4	\$600.00

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
- Pallet Qty 60 (57 Egg-Crated)

Pump with Built-In Unloader

<u>PART #</u>	<u>MODEL #</u>	<u>GPM</u>	<u>PSI</u>	<u>RPM</u>	<u>SHAFT</u>	<u>PISTON</u>	<u>WT.</u>	<u>LIST PRICE</u>
6303.0157.00	LWD 2020 G-K	2.1	2000	3400	3/4" Hollow	15mm	16.5	\$650.00
6303.1652.00	LWD 2520 G-K	2.5	2000	3400	3/4" Hollow	15mm	16.5	\$685.00
6303.0558.00	LWD 3020 G-K	3.0	2000	3400	3/4" Hollow	15mm	16.5	\$650.00
6303.0754.00	LWD 3025 G-K	3.0	2500	3400	3/4" Hollow	15mm	16.5	\$695.00
6303.0706.00	LWD 3025 G-RF	3.0	2500	3400	3/4" Hollow	15mm	16.5	\$740.00
6303.1751.00	LWD 2525 G-K	2.5	2700	3400	3/4" Hollow	15mm	16.5	\$735.00
6303.1750.00*	LWD 2525 G-K	2.5	2700	3400	3/4" Hollow	15mm	16.5	\$725.00
6303.2100.00	LWD 2527 G-RF	2.5	2700	3400	3/4" Hollow	15mm	16.5	\$740.00

*Fixed injector
RF-Bolt-on Unloader

LW Series Repair Kits (Hot and Standard Kits also on Pages 25 & 26)

5019.0035.00	LW Seal Kit, 15mm	\$72.13	5026.0130.00	Unloader Rebuild Kit	\$101.70
2409.0071.00	LW Piston Kit, 15mm	\$186.92	5026.0123.00	Unloader Maintenance Kit	\$40.16
5025.0011.00	Check Valve Kit	\$81.86	5019.0041.00	LW Oil Seal Kit Hollow Shaft	\$45.36

AWD

Series Pumps-Gas

3400 RPM – Gas Engine Flange



- 1/2" FPT Inlet – 3/8" MPT Outlet
- Built-in Uniflow Unloader and Fixed Chemical Injector
- Double Seal Packings (High & Low)
- Anodized Crankcase
- Ceramic Plungers
- Forged Brass Manifold
- Stainless Steel Check Valves

Takes 10 Ounces Pump Oil

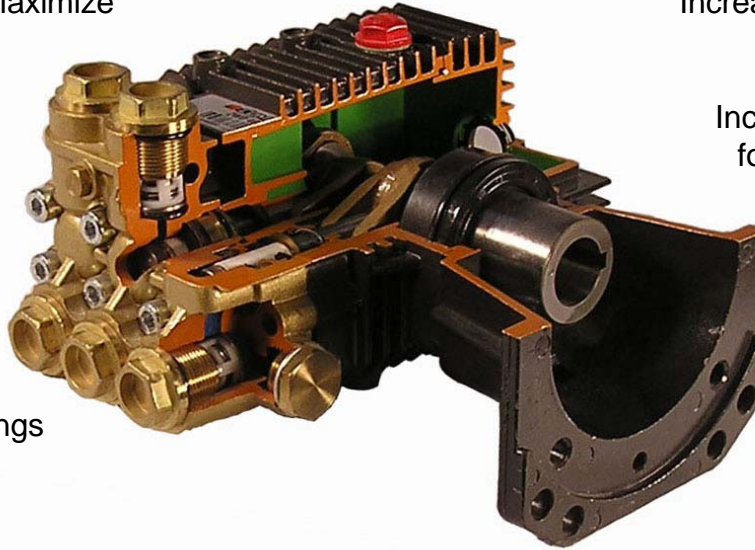
<u>PART #</u>	<u>MODEL #</u>	<u>GPM</u>	<u>PSI</u>	<u>RPM</u>	<u>SHAFT</u>	<u>PISTON</u>	<u>WT.</u>	<u>LIST PRICE</u>
6520.0150.00	AWD 3030 G-K3.0	3000	3000	3400	1" Hollow Shaft	14mm	12.6	\$675.00
6520.0250.00	AWD 3530 G-K3.5	3000	3000	3400	1" Hollow Shaft	14mm	12.6	\$675.00
6520.0350.00	AWD 4030 G-K4.0	3000	3000	3400	1" Hollow Shaft	14mm	12.6	\$675.00
6520.0450.00	AWD 4036 G-K4.0	3600	3600	3400	1" Hollow Shaft	14mm	12.6	\$730.00

AW Repair Kits (Kits also on Pages 25 & 26)

5019.0686.00	AW Water Seal Kit	\$98.11
5019.0687.00	AW Oil Seal Kit	\$49.30
5025.0030.00	Valve Kit	\$56.29
1215.0403.00	Unloader Kit (2700 PSI)	\$95.97

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

Takes 11 Ounces Pump Oil

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
- Pallet Qty: 90-Boxed; 57-Egg-Crated

<u>PART #</u>	<u>MODEL #</u>	<u>GPM</u>	<u>PSI</u>	<u>RPM</u>	<u>SHAFT</u>	<u>PISTON</u>	<u>WT.</u>	<u>LIST PRICE</u>
6305.1900.00	ZWD 2535 G	2.5	3500	3400	3/4" Hollow	15mm	16.5	\$650.00
6305.0104.00	ZWD 3030 G	3.0	3200	3400	3/4" Hollow	15mm	17.5	\$560.00
6305.1601.00	ZWD 3035 G	3.0	3500	3400	3/4" Hollow	15mm	17.5	\$560.00
6305.1600.00	ZWD 3035 G	3.0	3500	3400	1" Hollow	15mm	17.5	\$705.00
6305.1700.00	ZWD 3535 G	3.4	3500	3400	1" Hollow	15mm	17.5	\$705.00
6305.1800.00	ZWD 4035 G	4.0	3500	3400	1" Hollow	15mm	17.5	\$705.00
6305.1100.00	ZWD 3040 G	3.0	4000	3400	1" Hollow	15mm	17.5	\$830.00
6305.1000.00	ZWD 3540 G	3.4	4000	3400	1" Hollow	15mm	17.5	\$830.00
6305.0900.00	ZWD 4040 G	4.0	4000	3400	1" Hollow	15mm	17.5	\$830.00

ZWD

Series Pumps-Gas



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
- Pallet Qty 60 (57 Egg-Crated)

Pump with Built-In Unloader

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT.	LIST PRICE
6305.1650.00	ZWD 3035 G-K3.0	3500	3500	3400	1" Hollow	15mm	17.4	\$795.00
6305.1750.00	ZWD 3535 G-K3.4	3500	3500	3400	1" Hollow	15mm	17.4	\$795.00
6305.1850.00	ZWD 4035 G-K4.0	3500	3500	3400	1" Hollow	15mm	17.4	\$795.00
6305.0906.00	ZWD 4035 G-RF4.0	3500	3500	3400	1" Hollow	15mm	16.5	\$905.00
6305.1052.00	ZWD 3540 G-K3.5	4000	4000	3400	1" Hollow	15mm	17.4	\$880.00
6305.1503.00	ZWD 4040 G-K4.0	4000	4000	3400	1" Hollow	15mm	17.4	\$880.00

RF-Bolt-on Unloader

ZW Series Repair Kits (Kits also on Pages 25 & 26)

5019.0064.00	ZW Seal Kit, 15mm	\$82.63	2409.0071.00	ZWD Piston Kit, 15mm	\$186.92
5025.0011.00	Check Valve Kit	\$81.86	5019.0065.00	ZW Oil Seal Kit Hollow Shaft	\$46.23

ZWD

Series Pumps-Solid 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
- Pallet Qty 90 (57 Egg-Crated)

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT.	LIST PRICE
6305.0603.00	ZWD 4030 S	4.0	3000	3400	24mm Solid	15mm	17.4	\$640.00

ZW Series Repair Kits (Kits also on Pages 25 & 26)

5019.0064.00	ZW Seal Kit, 15mm	\$82.63	2409.0071.00	ZWD Piston Kit, 15mm	\$186.92
5025.0011.00	Check Valve Kit	\$81.86	5019.0040.00	ZWD Oil Seal Kit, Solid Shaft	\$44.40

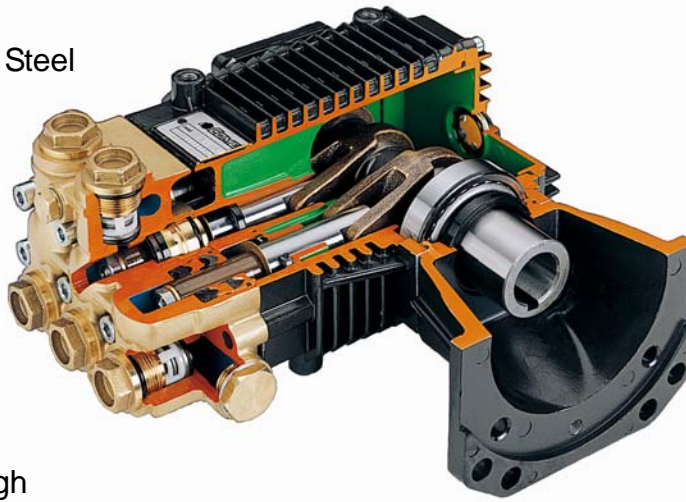
FW SERIES Industrial Duty Plunger Pumps

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 or Electric Motors (Hollow Shaft Models Only.)
- Die-Cast, Anodized Aluminum Crankcase
- High Quality Tapered Roller Bearings
- Optimal Oil Bath for High Speed Operation

Takes 19 Ounces Pump Oil

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
- Pallet Qty 60 (Boxed or Egg-Crated)

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT.	LIST PRICE
6400.1106.00	FW 4030 S	4.0	3000	1450	24mm Solid	18mm	19.4	\$965.00
6401.0907.00*	FW 3530 S	3.4	3000	1450	24mm Solid	18mm	19.4	\$965.00
6400.0202.00	FW 5030 S	5.0	3000	1450	24mm Solid	20mm	19.4	\$965.00
6400.1400.00	FW 5530 S	5.5	3000	1450	24mm Solid	20mm	19.4	\$965.00

* Dual rated pump--6401.0907.00, Model FWS 4030 S

FW Series Mounting Rail Kits

5011.0185.00	Standard Mounting Rail Kit for FW Series Pumps	\$20.15
5011.0216.00	Tall Mounting Rail Kit for FW Series Pumps	\$20.27

FW Series Repair Kits (Kits also on Pages 25 & 26)

5019.0038.00	FW Seal Kit, 18mm	\$141.76	5025.0011.00	Check Valve Kit	\$81.86
5019.0039.00	FW Seal Kit, 20mm	\$217.74	2409.0073.00	FW Piston Kit, 18mm	\$220.53
5019.0044.00	FW Oil Seal Kit Solid Shaft	\$54.03	2409.0074.00	FW Piston Kit, 20mm	\$235.27

FWS

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 and Piston Guides
- Oversized Bronze Connecting Rods
- Buna-Textile V-Packings
- Reversible Crankcase for Right or Left Hand Mounting
- 24mm Solid, Keyed Shaft

- Pallet Qty 60 (Boxed or Egg-Crated)

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT.	LIST PRICE
6401.0801.00	FWS 6020 S	5.9	2000	1750	24mm Solid	20mm	19.6	\$965.00
6401.1201.00	FWS 5525 S	5.7	2500	1750	24mm Solid	20mm	19.6	\$965.00
6401.0703.00	FWS 3530 S	3.5	3000	1750	24mm Solid	18mm	19.6	\$965.00
6401.0907.00	FWS 4030 S	4.1	3000	1750	24mm Solid	18mm	19.6	\$965.00
6401.0102.00	FWS 4530 S	4.5	3000	1750	24mm Solid	18mm	19.6	\$965.00

FW Series Mounting Rail Kits

5011.0185.00	Standard Mounting Rail Kit for FW Series Pumps	\$20.15
5011.0216.00	Tall Mounting Rail Kit for FW Series Pumps	\$20.27

FW Series Repair Kits (Kits also on Pages 25 & 26)

5019.0038.00	FW Seal Kit, 18mm	\$141.76	2409.0073.00	FW Piston Kit, 18mm	\$220.53
5019.0039.00	FW Seal Kit, 20mm	\$217.74	2409.0074.00	FW Piston Kit, 20mm	\$235.27
5025.0011.00	Check Valve Kit	\$81.86	5019.0044.00	FW Oil Seal Kit Solid Shaft	\$54.03
5025.0025.00	High Flow Valve Kit, 5+ GPM	\$108.99			

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
- Pallet Qty 60 (Boxed or Egg-Crated)

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT.	LIST PRICE
6401.2300.00	FWS 3030 E	3.0	3000	1750	1 1/8" Hollow	18mm	20.3	\$1010.00
6401.0704.00	FWS 3530 E	3.5	3000	1750	1 1/8" Hollow	18mm	20.3	\$1010.00
6401.0908.00	FWS 4030 E	3.9	3000	1750	1 1/8" Hollow	18mm	20.3	\$1010.00
6401.0103.00	FWS 4530 E	4.5	3000	1750	1 1/8" Hollow	18mm	20.3	\$1010.00
6401.2200.00	FWS 5030 E	4.9	3000	1750	1 1/8" Hollow	20mm	20.3	\$1010.00
6401.1900.00	FWS 5530 E	5.6	3000	1750	1 1/8" Hollow	20mm	20.3	\$1010.00

FW Series Repair Kits (Kits also on Pages 25 & 26)

5019.0038.00	FW Seal Kit, 18mm	\$141.76	2409.0073.00	FW Piston Kit, 18mm	\$220.53
5019.0039.00	FW Seal Kit, 20mm	\$217.74	2409.0074.00	FW Piston Kit, 20mm	\$235.27
5025.0011.00	Check Valve Kit	\$81.86	5019.0045.00	FW Oil Seal Kit Hollow Shaft	\$50.94
5025.0025.00	High Flow Valve Kit, 5+ GPM	\$108.99			

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
- Pallet Qty 60 (Boxed or Egg-Crated)

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT.	LIST PRICE
6402.0103.00	FWD 3530 E	3.3	3000	3400	1 1/8" Hollow	18mm	20.3	\$995.00
6402.0801.00	FWD 4530 E	4.4	3000	3400	1 1/8" Hollow	18mm	20.3	\$995.00

FW Series Repair Kit (Kits also on Pages 25 & 26)

5019.0038.00	FW Seal Kit, 18mm	\$141.76	2409.0073.00	FW Piston Kit, 18mm	\$220.53
5025.0011.00	Check Valve Kit	\$81.86	5019.0045.00	FW Oil Seal Kit Hollow Shaft	\$50.94

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
- Pallet Qty: 60-Boxed; 48-Egg-Crated

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT.	LIST PRICE
6402.0102.00	FWD 3530 G	3.3	3000	3400	1" Hollow	18mm	20.3	\$995.00
6402.1000.00	FWD 4035 G	3.9	3500	3400	1" Hollow	18mm	20.3	\$995.00
6402.0800.00	FWD 4530 G	4.4	3000	3400	1" Hollow	18mm	20.3	\$995.00

FW Series Repair Kits (Kits also on Pages 25 & 26)

5019.0038.00	FW Seal Kit, 18mm	\$141.76	2409.0073.00	FW Piston Kit, 18mm	\$220.53
5025.0011.00	Check Valve Kit	\$81.86	5019.0045.00	FW Oil Seal Kit Hollow Shaft	\$50.94

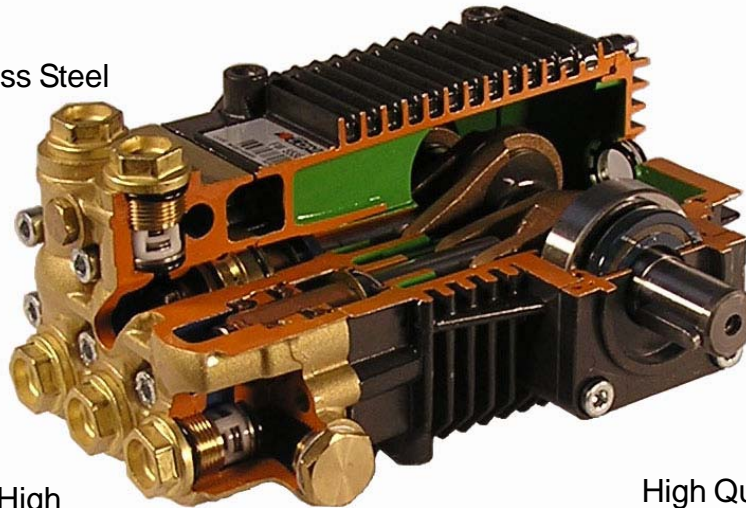
HW SERIES Industrial Duty Plunger Pumps

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

Takes 19 Ounces Pump Oil

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
- Pallet Qty 60 (Boxed or Egg-Crated)

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT.	LIST PRICE
6403.0500.00	HW 3540 S	3.4	4000	1450	24mm Solid	18mm	20.0	\$1065.00
6403.0200.00	HW 4040 S	4.0	4000	1450	24mm Solid	18mm	20.0	\$1065.00
6403.0400.00	HW 4540 S	4.4	4000	1450	24mm Solid	18mm	20.0	\$1065.00

HW Series Mounting Rail Kits

5011.0185.00	Standard Mounting Rail Kit for HW Series Pumps	\$20.15
5011.0216.00	Tall Mounting Rail Kit for HW Series Pumps	\$20.27

HW Series Repair Kits (Kits also on Pages 25 & 26)

5025.0011.00	Check Valve Kit	\$81.86	2409.0073.00	HW Piston Kit, 18mm	\$220.53
5019.0631.00	HW Seal Kit, 18mm	\$186.25	5019.0044.00	HW Oil Seal Kit Solid Shaft	\$54.03

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
- Pallet Qty 60 (Boxed or Egg-Crated)

<u>PART #</u>	<u>MODEL #</u>	<u>GPM</u>	<u>PSI</u>	<u>RPM</u>	<u>SHAFT</u>	<u>PISTON</u>	<u>WT.</u>	<u>LIST PRICE</u>
6404.0200.00	HWS 4040 S	4.0	4000	1750	24mm Solid	18mm	20.0	\$1065.00
6404.0500.00	HWS 5040 S	5.2	4000	1750	24mm Solid	18mm	20.0	\$1065.00

HW Series Mounting Rail Kits

5011.0185.00	Standard Mounting Rail Kit for HW Series Pumps	\$20.15
5011.0216.00	Tall Mounting Rail Kit for HW Series Pumps	\$20.27

HW Series Repair Kits (Kits also on Pages 25 & 26)

5025.0011.00	Check Valve Kit	\$81.86	2409.0073.00	HW Piston Kit, 18mm	\$220.53
5019.0631.00	HW Seal Kit, 18mm	\$186.25	5019.0044.00	HW Oil Seal Kit Solid Shaft	\$54.03

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
- Pallet Qty: 60-Boxed; 46-Egg-Crated

<u>PART #</u>	<u>MODEL #</u>	<u>GPM</u>	<u>PSI</u>	<u>RPM</u>	<u>SHAFT</u>	<u>PISTON</u>	<u>WT.</u>	<u>LIST PRICE</u>
6405.0200.00	HWD 3540 G	3.3	4000	3400	1" Hollow	18mm	20.0	\$1075.00
6405.0101.00	HWD 4040 G	3.9	4000	3400	1" Hollow	18mm	20.0	\$1075.00
6405.0300.00	HWD 4540 G	4.4	4000	3400	1" Hollow	18mm	20.0	\$1075.00

HW Series Repair Kits (Kits also on Pages 25 & 26)

5025.0011.00	Check Valve Kit	\$81.86	2409.0073.00	HW Piston Kit, 18mm	\$220.53
5019.0631.00	HW Seal Kit, 18mm	\$186.25	5019.0045.00	HW Oil Seal Kit Hollow Shaft	\$50.94

Bolt-On Unloaders LW & ZW Pumps



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

- Pallet Qty 60 (57 Egg-Crated)

Pump with Bolt-On Unloader

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT.	LIST PRICE
6303.0706.00	LWD 3025 G-RF	3.0	2500	3400	3/4" Hollow	15mm	17.7	\$740.00
6303.2100.00	LWD 2527 G-RF	2.5	2700	3400	3/4" Hollow	15mm	17.9	\$740.00
6305.0906.00	ZWD 4035 G-RF	4.0	3500	3400	1" Hollow	15mm	21.0	\$905.00

RF-Bolt-on Unloader

Gear Reducers FW & HW Series Pumps



1450 RPM - Gear Reduction Drive

- 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
- Oversized Bronze Connecting Rods
- 24mm Solid, Keyed Shaft on Pump
- 2.2:1 Gear Reduction with 1" Hollow Shaft for Direct Mounting to Gas Engines

Takes 19 Ounces Pump Oil

PART #	MODEL #	GPM	PSI	RPM(Pump/Drive)	SHAFT	PISTON	WT.	LIST PRICE
6400.1004.00	FW 3530 SGR	3.7	3000	1545/3400	1" Hollow	18mm	28.3	\$1410.00
6400.1113.00	FW 4030 SGR	4.2	3000	1545/3400	1" Hollow	18mm	29.4	\$1410.00
6400.0203.00	FW 5030 SGR	5.3	3000	1545/3400	1" Hollow	20mm	29.4	\$1445.00
6400.1401.00	FW 5530 SGR	5.8	3000	1545/3400	1" Hollow	20mm	29.4	\$1445.00
6403.0201.00	HW 4040 SGR	4.2	4000	1545/3400	1" Hollow	18mm	31.0	\$1540.00
6403.0401.00	HW 4540 SGR	4.8	4000	1545/3400	1" Hollow	18mm	31.0	\$1540.00

FW / HW Series Repair Kits (Kits also on Pages 25 & 26)

5019.0038.00	FW Seal Kit, 18mm	\$141.76	2409.0073.00	HW Piston Kit, 18mm	\$220.53
5019.0631.00	HW Seal Kit, 18mm	\$186.25	2409.0074.00	HW Piston Kit, 20mm	\$235.27
5019.0039.00	FW Seal Kit, 20mm	\$217.74	5025.0011.00	Check Valve Kit	\$81.86
			5019.0045.00	FW/HW Seal Kit Hollow Shaft	\$50.94

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

Takes 25 Ounces Pump Oil

RW

Series Pumps-Solid Shaft

1450 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
- Pallet Quantity 36 Boxed Only

<u>PART #</u>	<u>MODEL #</u>	<u>GPM</u>	<u>PSI</u>	<u>RPM</u>	<u>SHAFT</u>	<u>PISTON</u>	<u>WT.</u>	<u>LIST PRICE</u>
6517.0100.00	RW 4030 S	4.1	3000	1450	24mm	20mm	27.0	\$995.00
6517.0102.00*	RW 4030 S	4.1	3000	1450	24mm	20mm	27.0	\$1245.00
6517.0600.00	RW 5030 S	5.0	3000	1450	24mm	20mm	27.0	\$1000.00
6517.0800.00	RW 5530 S	5.5	3000	1450	24mm	20mm	27.0	\$1020.00
6517.0803.00*	RW 5530 S	5.5	3000	1450	24mm	20mm	27.0	\$1305.00
6517.0900.00	RW 6030 S	6.2	3000	1450	24mm	20mm	27.0	\$1000.00
6517.0902.00*	RW 6030 S	6.2	3000	1450	24mm	20mm	27.0	\$1305.00
6517.1300.00	RW 5535 S	5.5	3500	1450	24mm	20mm	27.0	\$1055.00
6517.1001.00	RW 3540 S	3.3	4000	1450	24mm	18mm	27.0	\$1055.00
6517.1400.00	RW 4040 S	4.0	4000	1450	24mm	18mm	27.0	\$1055.00
6517.1101.00	RW 4540 S	4.4	4000	1450	24mm	18mm	27.0	\$1055.00
6517.1201.00	RW 5040 S	4.9	4000	1450	24mm	18mm	27.0	\$1115.00

*Hot Water Pump with Kevlar Seals

RW Series Mounting Rail Kits

5011.0229.00	Standard Mounting Rail Kit for RW Series Pumps	\$21.70
5011.0257.00	Tall Mounting Rail Kit for Premium Series Pumps	\$37.03

RW Series Repair Kits (Kits also on Pages 25 & 26)

2409.0146.00	RW Piston Kit, 18mm	\$220.53	5019.0673.00	RW Seal Kit, 18mm	\$213.31
2409.0145.00	RW Piston Kit, 20mm	\$235.27	5019.0672.00	RW Seal Kit, 20mm	\$231.32
5025.0011.00	Valve Kit, up to 4.8 GPM	\$81.86	5019.0675.00	RW Oil Seal Kit, Solid Shaft	\$64.57
5025.0025.00	Valve Kit, 4.9 GPM+	\$108.99	5019.0679.00	RW Oil Seal Kit, Hollow Shaft	\$64.57
5019.0676.00	Seal kit, Hot Water, 20mm	\$240.68	5019.0674.00	RW Seal Kit, Kevlar 20mm	\$433.56

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
- Pallet Quantity 36 Boxed Only

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT.	LIST PRICE
6518.0800.00	RWS 6020 S	5.9	2000	1750	24mm	20mm	27.0	\$1000.00
6518.0900.00	RWS 6520 S	6.6	2000	1750	24mm	20mm	27.0	\$1000.00
6518.0100.00	RWS 3030 S	3.0	3000	1750	24mm	20mm	27.0	\$995.00
6518.0200.00	RWS 3530 S	3.6	3000	1750	24mm	20mm	27.0	\$995.00
6518.0400.00	RWS 4030 S	4.1	3000	1750	24mm	20mm	27.0	\$995.00
6518.0500.00	RWS 4530 S	4.4	3000	1750	24mm	20mm	27.0	\$995.00
6518.0600.00	RWS 5030 S	4.9	3000	1750	24mm	20mm	27.0	\$1000.00
6518.0700.00	RWS 5530 S	5.7	3000	1750	24mm	20mm	27.0	\$1000.00
6518.1000.00	RWS 3035 S	3.0	3500	1750	24mm	20mm	27.0	\$1025.00
6518.1500.00	RWS 5535 S	5.7	3500	1750	24mm	20mm	27.0	\$1045.00
6518.1101.00	RWS 3540 S	3.6	4000	1750	24mm	18mm	27.0	\$1055.00
6518.1201.00	RWS 4040 S	4.0	4000	1750	24mm	18mm	27.0	\$1055.00
6518.1301.00	RWS 4540 S	4.8	4000	1750	24mm	18mm	27.0	\$1055.00
6518.1401.00	RWS 5040 S	5.3	4000	1750	24mm	18mm	27.0	\$1115.00
6518.0801.00	RWS 6040 S	6.0	4000	1750	24mm	18mm	27.0	\$1115.00

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
- Pallet Quantity 36 Boxed Only

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT.	LIST PRICE
6518.0201.00	RWS 3530 E	3.6	3000	1750	1 1/8" Hollow	20mm	27.0	\$1065.00
6518.0401.00	RWS 4030 E	4.1	3000	1750	1 1/8" Hollow	20mm	27.0	\$1065.00
6518.0501.00	RWS 4530 E	4.4	3000	1750	1 1/8" Hollow	20mm	27.0	\$1065.00
6518.0601.00	RWS 5030 E	4.9	3000	1750	1 1/8" Hollow	20mm	27.0	\$1120.00
6518.0701.00	RWS 5530 E	5.7	3000	1750	1 1/8" Hollow	20mm	27.0	\$1120.00

SW SERIES

Premium Pumps



1450 RPM 1750 RPM

24mm Solid Keyed Shaft

- 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
- Heavy Duty up to 4000 PSI
- High Volume up to 5.5 GPM
- Long Life Seals
- Pallet Quantity 24
- 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

Takes 37 Ounces Pump Oil

SW

Series Pumps-Solid Shaft

<u>PART #</u>	<u>MODEL #</u>	<u>GPM</u>	<u>PSI</u>	<u>RPM</u>	<u>SHAFT</u>	<u>PISTON</u>	<u>WT.</u>	<u>LIST PRICE</u>
6515.0100.00	SW 4040 S	4.0	4000	1450	24mm	20mm	39.0	\$1400.00
6515.0102.00*	SW 4040 S	4.0	4000	1450	24mm	20mm	39.0	\$1560.00
6515.0200.00	SW 5540 S	5.5	4000	1450	24mm	20mm	39.0	\$1400.00
6515.0204.00*	SW 5540 S	5.5	4000	1450	24mm	20mm	39.0	\$1560.00

*Hot Water Pump with Kevlar Seals

SWS

Series Pumps-Solid Shaft

<u>PART #</u>	<u>MODEL #</u>	<u>GPM</u>	<u>PSI</u>	<u>RPM</u>	<u>SHAFT</u>	<u>PISTON</u>	<u>WT.</u>	<u>LIST PRICE</u>
6516.0200.00	SWS 5025 S	5.0	2500	1750	24mm	20mm	39.0	\$1400.00
6516.0100.00	SWS 4040 S	4.0	4000	1750	24mm	20mm	39.0	\$1400.00
6516.0101.00*	SWS 4040 S	4.0	4000	1750	24mm	20mm	39.0	\$1675.00

*Hot Water Pump with Kevlar Seals

SW Series Mounting Rail Kits

5011.0214.00	Standard Mounting Rail Kit for SW/TW Series Pumps	\$28.71
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SW Series Repair Kits (Kits also on Pages 25 & 26)

5025.0011.00	Valve Kit	\$81.86
2409.0074.00	Piston Kit, 20mm	\$235.27
5019.0648.00	Seal Kit, Water	\$174.60
5019.0650.00	Oil Seal Kit	\$60.77
5019.0665.00	SW Seal Kevlar Kit 20mm	\$415.16
5019.0670.00	SW Hot Water Seal Kit, 20mm	\$252.33

TW SERIES

Premium Pumps



1000 RPM 1450 RPM 1750 RPM

24mm Solid Keyed Shaft

- 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
- Heavy Duty up to 5000 PSI
- High Volume up to 13.0 GPM
- Long Life Seals
- Pallet Quantity 24

Takes 37 Ounces Pump Oil

TWN

Series Pumps-Solid Shaft

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT.	INLET	LIST PRICE
6512.0200.00	TWN 7025 S	7.0	2500	1000	24mm	25mm	45.0	3/4"	\$1690.00
6512.0300.00	TWN 8025 S	8.0	2500	1000	24mm	25mm	45.0	3/4"	\$1690.00
6512.0100.00	TWN 6036 S	6.0	3600	1000	24mm	22mm	45.0	1/2"	\$1665.00

TW

Series Pumps-Solid Shaft

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT.	INLET	LIST PRICE
6513.1200.00	TW 11025 S	11.0	2500	1450	24mm	25mm	45.0	3/4"	\$1850.00
6513.1201.00*	TW 11025 S	11.0	2500	1450	24mm	25mm	45.0	3/4"	\$1865.00
6513.1000.00	TW 10025 S	10.0	2500	1450	24mm	25mm	45.0	3/4"	\$1850.00
6513.1400.00	TW 8030 S	8.7	3000	1450	24mm	22mm	45.0	3/4"	\$1680.00
6513.1401.00*	TW 8030 S	8.7	3000	1450	24mm	22mm	45.0	3/4"	\$1785.00
6513.0700.00	TW 7036 S	7.0	3600	1450	24mm	22mm	45.0	3/4"	\$1610.00
6513.0900.00	TW 8036 S	8.6	3600	1450	24mm	22mm	45.0	3/4"	\$1660.00
6513.0400.00	TW 4550 S	4.7	5000	1450	24mm	18mm	45.0	1/2"	\$1720.00
6513.1300.00	TW 5050 S	5.2	5000	1450	24mm	18mm	45.0	1/2"	\$1765.00
6513.0300.00	TW 5550 S	5.8	5000	1450	24mm	18mm	45.0	1/2"	\$1765.00

*Hot Water Pump with Kevlar Seals

TWS

Series Pumps-Solid Shaft

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT.	INLET	LIST PRICE
6514.0900.00	TWS 13020 S	13.0	2000	1750	24mm	25mm	45.0	3/4"	\$1850.00
6514.0800.00	TWS 10025 S	10.7	2500	1750	24mm	25mm	45.0	3/4"	\$1850.00
6514.0700.00	TWS 9030 S	9.3	3000	1750	24mm	22mm	45.0	3/4"	\$1770.00
6514.1100.00	TWS 10030 S	10.7	3000	1750	24mm	25mm	45.0	3/4"	\$1845.00
6514.0600.00	TWS 8035 S	8.3	3500	1750	24mm	22mm	45.0	3/4"	\$1635.00
6514.0500.00	TWS 7040 S	7.0	4000	1750	24mm	18mm	45.0	3/4"	\$1675.00
6514.1000.00	TWS 5050 S	5.3	5000	1750	24mm	18mm	45.0	1/2"	\$1720.00
6514.0100.00	TWS 5550 S	5.6	5000	1750	24mm	18mm	45.0	1/2"	\$1765.00

TW Series Mounting Rail Kits

5011.0214.00	Standard Mounting Rail Kit for SW/TW Series Pumps	\$28.71
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TW Series Repair Kits (Kits also on Pages 25 & 26)

5025.0020.00	Valve Kit (Up to 3600 PSI)	\$128.55	5019.0645.00	Seal Kit 18mm, Water	\$179.22
5025.0021.00	Valve Kit (4000+ PSI)	\$153.80	5019.0646.00	Seal Kit 22mm, Water	\$183.46
2409.0116.00	Piston Kit 18mm	\$190.53	5019.0647.00	Seal Kit 25mm, Water	\$231.71
2409.0114.00	Piston Kit 22mm	\$340.93	5019.0644.00	Seal Kit, Oil (Up to 3600 PSI)	\$69.92
2409.0115.00	Piston Kit 25mm	\$373.17	5019.0649.00	Seal Kit, Oil (4000+ PSI)	\$78.68

Hot Water Packing Kits-TW Series

(Kits also on Pages 25 & 26)

5019.0653.00	Packing Kit 18mm	\$238.15
5019.0654.00	Packing Kit 22mm	\$280.21
5019.0655.00	Packing Kit 25mm	\$305.80
5019.0662.00	Seal Kit, Kevlar 22mm	\$475.29
5019.0663.00	Seal Kit, Kevlar 25mm	\$538.96

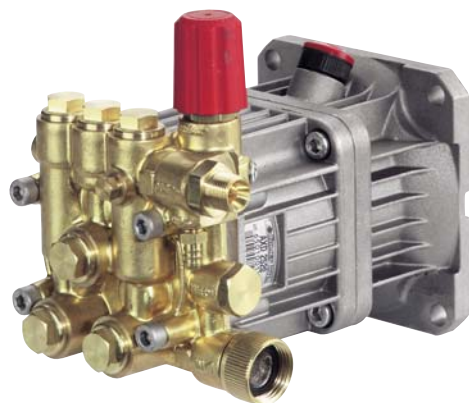
MISTING PUMPS

AXS Pumps

AXS

Series Pumps-Low Flow, Misting

1750 RPM – 5/8" 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
- Optional Built-in Thermal Protector & Pressure Relief
- Stainless Steel Check Valves
- Forged Brass Manifold
- Patent Registered Ball Bearing Design
- **Misting and High Pressure Applications**
- Pallet Qty: 90-Boxed; 70-Egg-Crated

PART #	MODEL #	GPM	PSI	RPM	SHAFT	WT.	LIST PRICE
6502.0009.00	AXS 0415 E	0.4	1500	1750	5/8" Hollow	12.0	\$525.00
6502.0010.00	AXS 0615 E	0.6	1500	1750	5/8" Hollow	12.0	\$525.00
6502.0005.00	AXS 1015 E	0.9	1500	1750	5/8" Hollow	12.0	\$525.00
6502.0008.00	AXS 1315 E	1.3	1500	1750	5/8" Hollow	12.0	\$525.00
6502.0006.00	AXS 2015 E	1.7	1500	1750	5/8" Hollow	12.0	\$525.00

MISTING PUMPS

LW Pumps

LW

Series Pumps-Low Flow, Misting



1450 RPM - 1750 RPM
24mm Solid Shaft - 5/8" Hollow - 3/4" Hollow

- 3/8" 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
- **Misting and High Pressure Applications**
- Pallet Qty 100 (Boxed or Egg-Crated)

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT.	LIST PRICE
6300.1501.00	LW 0509 S	0.5	1500	1450	24mm Solid	15mm	13.4	\$605.00
6300.1401.00	LW 1009 S	1.0	1500	1450	24mm Solid	18mm	13.4	\$605.00
6300.1601.00	LW 1509 S	1.5	1500	1450	24mm Solid	18mm	13.4	\$605.00
6301.2700.00	LWS 0609 S	0.6	1500	1750	24mm Solid	15mm	13.4	\$605.00
6301.2500.00	LWS 1209 S	1.2	1500	1750	24mm Solid	18mm	13.4	\$605.00
6301.2600.00	LWS 1809 S	1.8	1500	1750	24mm Solid	18mm	13.4	\$605.00
6301.2701.00	LWS 0609 E	0.6	1500	1750	5/8" Hollow	15mm	13.4	\$630.00
6301.2501.00	LWS 1209 E	1.2	1500	1750	5/8" Hollow	18mm	13.4	\$630.00
6301.2601.00	LWS 1809 E	1.8	1500	1750	5/8" Hollow	18mm	13.4	\$630.00
6301.2300.00	LWS 0409 GE	0.4	1500	1750	3/4" Hollow	18mm	13.4	\$630.00

PTO - Pressure Washer



- Includes Frame, Pump & Accessories
- Complete Pressure Washer
- 3 Point Hitch
- 550 RPM Power Take-Offs

Part #	Description	List Price
9045.0001.00	PTO 12/120 w/Frame FW 5530 S	\$3515.00
9045.0002.00	PTO 33/150 w/Frame TW 8030 S	\$4391.00
9045.0003.00	PTO 23/200 w/Frame TWN 6036 S	\$4157.00
9045.0004.00	PTO 21/200 w/Frame SW 5540 S	\$4100.00
9045.0005.00	PTO 30/170 w/Frame TWN 8025 S	\$4140.00
9045.0006.00	PTO 12/120 FW 5530 S	\$2562.00
9045.0007.00	PTO 33/150 TW 8030 S	\$3440.00
9045.0008.00	PTO 23/200 TWN 6036 S	\$3206.00
9045.0009.00	PTO 21/200 SW 5540 S	\$3147.00
9045.0010.00	PTO 30/170 TWN 8025 S	\$3188.00
5005.0242.00	Gear Box, 550 RPM	\$694.21
5003.0050.00*	Kit, Conversion, 1000 RPM	\$317.91
8102.1801.00	Oil, Gear Box, Bottle	\$9.57
8102.1802.00	Oil, Gear Box, Case of 12	\$114.53

*Needed with Gear Box to convert to 1000 RPM for TWN PTO

PUMP ACCESSORIES

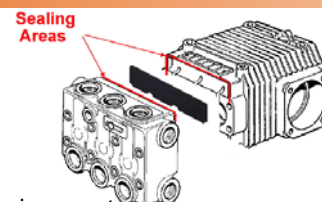
ANTI-FREEZE - Pump Saver



- Protects Pump from Freezing in Winter
- Attaches to any Pump Inlet to Fill Pump Chamber

Part #	Description	List Price
8102.5000.00	Pump Saver	\$17.09

GASKET - Manifold



Part #	Description	List Price
1201.0168.00	Seal for LW & ZW	\$5.10
1201.0167.00	Seal for FW & HW	\$5.10

*Extra Protection against a Dirty Environment

Pump Accessories

OIL – Comet Pumps



- Specially Formulated for use in all High-Pressure Industrial Piston Pumps
- Universal Tractor Transmission Oil (UTTO)

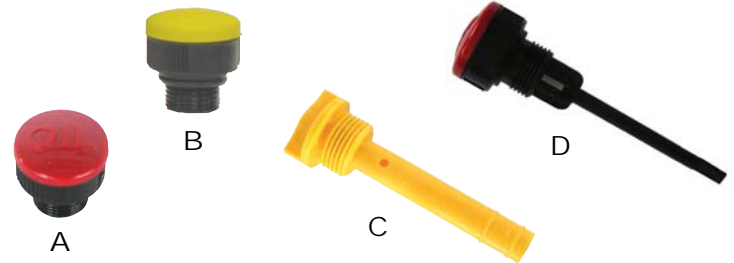
Part #	Description	List Price
8102.1801.00	Pump Oil, 32 oz. Bottle	\$9.57
8102.1802.00	Pump Oil, Case of 12 Bottles	\$114.53

Comet Industrial Pump Oil is a specially formulated non-detergent, non-foaming oil, which is AW100 rated for superior oxidation protection. Comet recommends changing pump oil after the initial 50 hours of operation and every 300 hours thereafter.

OIL – HPP Pumps

Part #	Description	List Price
8102.1811.00	Pump Oil, 5 Gal. Bottle	\$86.06
8102.1812.00	Pump Oil, Case of 2 Bottles	\$172.07

PUMPS – Oil caps & Dipsticks



Part #	Description	List Price
3200.0071.00	Oil Cap, AX	A \$5.39
3200.0086.00	Oil Cap, BX	B \$7.36
3200.0051.00	Dipstick, LW, ZW, FW, HW & RW	C \$4.59
3200.0075.00	Dipstick, SW & TW	D \$9.92

Repair Kits



All Comet Pump repair kits contain the quantity of components necessary to rebuild the entire pump.

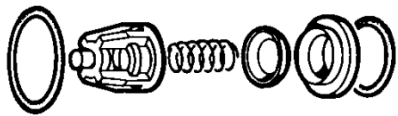
Seal / Packing Replacement



Part #	Description	List Price
5026.0265.00	VRX, Piston Seal Kit, 1700 PSI	\$16.97
5026.0256.00	VRX, Piston Seal Kit, 2200+ PSI	\$47.96
5019.0667.00	BXD Gas, Seal Kit, Water	\$63.85
5019.0671.00	BXD Elect., Seal Kit, Water	\$64.14
5019.0077.00	AXD/AXS Seal Kit 2,000 psi	\$72.79
5019.0078.00	AXD Seal Kit 2,500 psi	\$91.49
5019.0086.00	AXD Seal Kit 3,000 psi	\$94.67
5019.0686.00	BWD, AWD Seal Kit	\$98.11
5019.0035.00	LW Seal Kit, 15mm	\$72.13
5019.0037.00	LW Seal Kit, 18mm	\$73.58
5019.0064.00	ZWD Seal Kit, 15mm	\$82.63
5019.0038.00	FW Seal Kit, 18mm	\$141.76
5019.0039.00	FW Seal Kit, 20mm	\$217.74
5019.0631.00	HW Seal Kit, 18mm	\$186.25
5019.0673.00	RW Seal Kit 18mm, Water	\$213.31
5019.0672.00	RW Seal Kit 20mm, Water	\$231.32
5019.0648.00	SW Seal Kit 20mm, Water	\$174.60
5019.0645.00	TW Seal Kit 18mm, Water	\$179.22
5019.0646.00	TW Seal Kit 22mm, Water	\$183.46
5019.0647.00	TW Seal Kit 25mm, Water	\$231.71

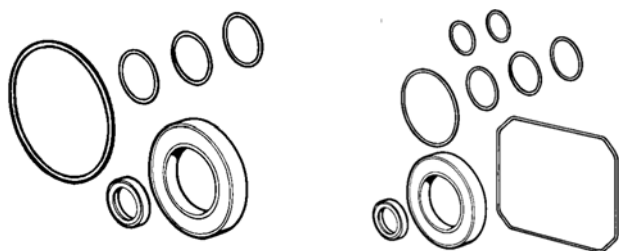
*Brass Not Included

Check Valve Replacement



Part #	Description	List Price
5026.0257.00	VRX Check Valve Kit, 2200 PSI	\$40.35
5026.0263.00	VRX Check Valve Kit, 1700 PSI	\$44.78
5026.0270.00	VRX Check Valve Kit, 2400+ PSI	\$52.68
5025.0014.00	AXD/AXS & GXD Check Valve Kit	\$54.32
5025.0027.00	Check Valve Kit, BXD	\$64.52
5025.0030.00	Valve Kit, BWD & AWD	\$56.29
5025.0011.00	For LW, ZW, FW, HW & SW	\$81.86
5025.0020.00	TW Valve Kit Up to 3600 PSI	\$128.55
5025.0021.00	TW Valve Kit (4000+ PSI)	\$153.80
5025.0025.00	Valve Kit, High Flow, 5+ GPM	\$108.99

Oil Seal Replacement



Part #	Description	List Price
5019.0659.00	GXD Seal Kit	\$28.31
5019.0079.00	AX/AXS Oil Seal Kit	\$41.31
5019.0685.00	BW Oil Seal Kit	\$49.30
5019.0687.00	AW Oil Seal Kit	\$49.30
5019.0040.00	LW/ZW Oil Seal Kit Solid Shaft	\$44.40
5019.0044.00	FW, HW, HWS Kit Solid Shaft	\$54.03
5019.0041.00	LW Oil Seal Kit Hollow Shaft	\$45.36
5019.0065.00	ZWD Oil Seal Kit Hollow Shaft	\$46.23
5019.0043.00	FWS Oil Seal Kit Hollow Shaft	\$51.04
5019.0045.00	FW/HWD Oil Seal Kit Hollow Shaft	\$50.94
5019.0650.00	SW Seal Kit	\$60.77
5019.0644.00	TW Seal Kit, Oil (Up to 3600PSI)	\$69.92
5019.0649.00	TW Seal Kit, Oil (4000+ PSI)	\$78.68
5019.0675.00	RW Oil Seal Kit, Solid Shaft	\$64.57
5019.0679.00	RW Oil Seal Kit, Hollow Shaft	\$64.57

Unloader Repair

Part #	Description	List Price
5026.0143.00	AX/GXD Unloader Rebuild Kit	\$106.42
5026.0142.00	AX/GXD Unloader Kit M22X1.5	\$106.42
1215.0402.00	AXD Unloader Cartridge	\$84.94
1215.0403.00	BXD-G,BW/AW Cartridge	\$95.97
1215.0401.00	BXD Elect., Unloader Cartridge	\$84.94
5026.0144.00	AX/GXD Maintenance Kit	\$36.98
5026.0123.00	LW Unloader Maintenance Kit	\$40.16
5026.0130.00	LW Unloader Rebuild Kit	\$101.70

Piston Replacement



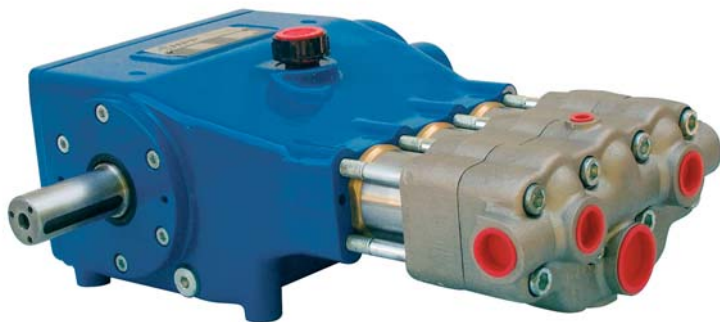
Part #	Description	List Price
5026.0260.00	VRX, Piston Seal Kit, All VRX's	\$46.71
2409.0126.00	GXD Piston Kit	\$60.09
2409.0092.00	AXD/AXS Piston Kit	\$178.16
2409.0103.00	AXD Piston Kit 3,000 psi	\$192.80
2409.0071.00	LW/ZWD Piston Kit, 15mm	\$186.92
2409.0072.00	LW Piston Kit, 18mm	\$190.97
2409.0073.00	FW/HW Piston Kit, 18mm	\$220.53
2409.0074.00	FW/SW Piston Kit, 20mm	\$235.27
2409.0146.00	RW Piston Kit, 18mm	\$220.53
2409.0145.00	RW Piston Kit, 20mm	\$235.27
2409.0116.00	TW Piston Kit 18mm	\$190.53
2409.0114.00	TW Piston Kit 22mm	\$340.93
2409.0115.00	TW Piston Kit 25mm	\$373.17

Hot Water

- Hot water seal protection
- LW, ZW, FW & HW Series Pumps
- Contains Hot Water Seals only
- Viton Seals are Chemically Resistant

Part #	Description	List Price
5019.0048.00	LW, ZW, Hot Water Seal Kit, 15mm	\$54.32
5019.0049.00	LW, HW-Requires 2, Hot Water, 18mm	\$46.51
5019.0050.00	LW, Viton Seal Kit, 18mm	\$342.74
5019.0051.00	LW, ZW, Viton Seal Kit, 15mm	\$278.03
5019.0053.00	FW, Hot Water Seal Kit, 18mm	\$94.86
5019.0054.00	FW, HW, Hot Water Seal Kit, 20mm	\$94.86
5019.0676.00	RW Hot Water Seal Kit, 20mm	\$240.68
5019.0674.00	RW Kevlar Seal Kit, 20mm	\$433.56
5019.0665.00	SW Kevlar Seal Kit 20mm	\$415.16
5019.0670.00	SW Hot Water Seal Kit, 20mm	\$252.33
5019.0653.00	TW Packing Kit 18mm	\$238.15
5019.0654.00	TW Packing Kit 22mm	\$280.21
5019.0655.00	TW Packing Kit 25mm	\$305.80
5019.0662.00	TW Seal Kevlar Kit 22mm	\$475.29
5019.0663.00	TW Seal Kevlar Kit 25mm	\$538.96

C Series HPP Industrial Pumps



- Cast Iron Crankcase
- Chemically Resistant Coated Cast Iron Manifold
- Hardened Crankshaft
- Bronze Connecting Rods
- Ceramic Plungers
- Stainless Steel Valves, Nylon Valve Cage
- V-Packing Seal Design-Buna N
- Steel Piston Guides
- 1-1/4" Inlet; 3/4" Outlet
- 30mm Shaft

PART #	MODEL #	GPM	PSI	RPM	HP	WT	OIL (OZ)	LIST PRICE
9001.5140.00	C 72/110	19.0	1595	850	21	106	85	\$17,190.00
9001.5130.00	C 66/140	17.4	2030	1000	25	106	85	\$17,190.00
9001.5120.00	C 49/200	12.9	2900	1000	25	106	85	\$17,190.00
9001.5110.00	C 34/280	9.0	4060	1000	25	106	85	\$17,190.00

ECH Series

HPP Industrial Pumps



- Cast Iron Crankcase
- Chemically Resistant Coated Cast Iron Manifold
- Hardened Crankshaft
- Bronze Connecting Rods
- Ceramic Plungers
- Stainless Steel Valves
- V-Packing Seal Design-Buna N
- Steel Piston Guides
- 1-1/4" Inlet; 3/4" Outlet
- 35mm Shaft

<u>PART #</u>	<u>MODEL #</u>	<u>GPM</u>	<u>PSI</u>	<u>RPM</u>	<u>HP</u>	<u>WT</u>	<u>OIL (OZ)</u>	<u>LIST PRICE</u>
9001.5550.00	ECH 64/180	16.9	2610	800	31	177	145	\$25,980.00
9001.5540.00	ECH 59/250	15.6	3625	1000	40	177	145	\$25,980.00
9001.5530.00	ECH 44/320	11.6	4640	1000	40	177	145	\$25,980.00
9001.5520.00	ECH 38/400	10.0	5800	1000	40	177	145	\$25,980.00
9001.5510.00	ECH 26/500	6.9	7250	1000	35	177	145	\$30,585.00

ECHR Series

HPP Industrial Pumps



Gear Box #9001.0800.00

- Cast Iron Crankcase
- Chemically Resistant Coated Cast Iron Manifold
- Hardened Crankshaft
- Bronze Connecting Rods
- Ceramic Plungers
- Stainless Steel Valves
- V-Packing Seal Design-Buna N
- Steel Piston Guides
- 1-1/4" Inlet; 3/4" Outlet
- 35mm Shaft

<u>PART #</u>	<u>MODEL #</u>	<u>GPM</u>	<u>PSI</u>	<u>INPUT RPM R=1.5</u>	<u>PUMP RPM</u>	<u>HP</u>	<u>WT</u>	<u>OIL (OZ)</u>	<u>LIST PRICE</u>
9001.5850.00	ECHR 64/180	16.9	2610	1200	800	31	225	162	\$30,885.00
9001.5840.00	ECHR 59/250	15.6	3625	1500	1000	40	225	162	\$30,885.00
9001.5830.00	ECHR 44/320	11.6	4640	1500	1000	40	225	162	\$30,885.00
9001.5820.00	ECHR 38/400	10.0	5800	1500	1000	40	225	162	\$30,885.00
9001.5810.00	ECHR 26/500	6.9	7250	1500	1000	35	225	162	\$33,775.00

EL Series

HPP Industrial Pumps



- Cast Iron Crankcase
- Chemically Resistant Coated Cast Iron Manifold
- Hardened Crankshaft
- Cast Iron Connecting Rods
- Ceramic Plungers
- Stainless Steel Valves
- V-Packing Seal Design-Buna N
- Steel Piston Guides
- 1-1/2" Inlet; 1-" Outlet
- 35mm Shaft

<u>PART #</u>	<u>MODEL #</u>	<u>GPM</u>	<u>PSI</u>	<u>RPM</u>	<u>HP</u>	<u>WT</u>	<u>OIL (OZ)</u>	<u>LIST PRICE</u>
9001.5460.00	EL 164/90	43.3	1305	700	40	194	135	\$22,690.00
9001.5450.00	EL 152/100	40.1	1450	800	40	194	135	\$22,690.00
9001.5440.00	EL 128/120	33.8	1740	850	40	194	135	\$22,690.00
9001.5430.00	EL 122/130	32.2	1885	1000	43	194	135	\$22,690.00
9001.5420.00	EL 102/160	27.0	2320	1000	43	194	135	\$22,690.00
9001.5410.00	EL 84/190	22.2	2755	1000	43	194	135	\$22,690.00

EV Series

HPP Industrial Pumps



- Cast Iron Crankcase
- Chemically Resistant Coated Cast Iron Manifold
- Hardened Crankshaft
- Bronze Connecting Rods
- Ceramic Plungers
- Stainless Steel Valves
- V-Packing Seal Design-Buna N
- Steel Piston Guides
- 1-1/4" Inlet; 3/4" Outlet
- 35mm Shaft

<u>PART #</u>	<u>MODEL #</u>	<u>GPM</u>	<u>PSI</u>	<u>RPM</u>	<u>HP</u>	<u>WT</u>	<u>OIL (OZ)</u>	<u>LIST PRICE</u>
9001.5185.00	EV 19/800	4.9	11,600	900	40	199	152	\$61,465.00
9001.5180.00	EV 15/1000	3.9	14,500	730	40	199	152	\$61,465.00

GL Series

HPP Industrial Pumps



*Gearbox not included

- Cast Iron Crankcase
- Chemically Resistant Coated Cast Iron Manifold
- Hardened Crankshaft
- Cast Iron Connecting Rods
- Ceramic Plungers
- Steel Valves
- V-Packing Seal Design-Buna N
- Steel Piston Guides
- 2" Inlet; 1-1/4" Outlet
- 35mm Shaft

<u>PART #</u>	<u>MODEL #</u>	<u>GPM</u>	<u>PSI</u>	<u>RPM</u>	<u>HP</u>	<u>WT (lbs.)</u>	<u>OIL (OZ)</u>	<u>LIST PRICE</u>
9001.5025.00	GL 256/110	67.6	1595	750	75	331	372	\$54,660.00
9001.5020.00	GL 212/130	56.1	1885	750	73	331	372	\$54,660.00
9001.5015.00	GL 171/160	45.2	2320	750	73	331	372	\$54,660.00
9001.5010.00	GL 135/210	35.7	3045	750	75	331	372	\$54,660.00
9001.5005.00	GL 109/260	28.8	3770	750	75	331	372	\$54,660.00
9001.5000.00	GL 92/300	24.3	4350	750	73	331	372	\$54,660.00

GLR Series

HPP Industrial Pumps



Gear Box 1500 RPM #9001.0801.00
Gear Box 1800 RPM #9001.0802.00

- Cast Iron Crankcase
- Chemically Resistant Coated Cast Iron Manifold
- Hardened Crankshaft
- Cast Iron Connecting Rods
- Ceramic Plungers
- Steel Valves
- V-Packing Seal Design-Buna N
- Steel Piston Guides
- 2" Inlet; 1-1/4" Outlet
- 35mm Shaft

<u>PART #</u>	<u>MODEL #</u>	<u>GPM</u>	<u>PSI</u>	<u>R=2.03</u>	<u>RPM</u>	<u>HP</u>	<u>WT (lbs.)</u>	<u>OIL (OZ)</u>	<u>LIST PRICE</u>
9001.5055.00	GLR 256/110	67.6	1595	1500	750	75	386	372	\$57,890.00
9001.5050.00	GLR 212/130	56.1	1885	1500	750	73	386	372	\$57,890.00
9001.5045.00	GLR 171/160	45.2	2320	1500	750	73	386	372	\$57,890.00
9001.5040.00	GLR 135/210	35.7	3045	1500	750	75	386	372	\$57,890.00
9001.5035.00	GLR 109/260	28.8	3770	1500	750	75	386	372	\$57,890.00
9001.5030.00	GLR 92/300	24.3	4350	1500	750	73	386	372	\$57,890.00

<u>PART #</u>	<u>MODEL #</u>	<u>GPM</u>	<u>PSI</u>	<u>R=2.41</u>	<u>RPM</u>	<u>HP</u>	<u>Wt (lbs.)</u>	<u>OIL (OZ)</u>	<u>LIST PRICE</u>
9001.5085.00	GLR 256/110	67.6	1595	1800	750	75	386	372	\$57,890.00
9001.5080.00	GLR 212/130	56.1	1885	1800	750	73	386	372	\$57,890.00
9001.5075.00	GLR 171/160	45.2	2320	1800	750	73	386	372	\$57,890.00
9001.5070.00	GLR 135/210	35.7	3045	1800	750	75	386	372	\$57,890.00
9001.5065.00	GLR 109/260	28.8	3770	1800	750	75	386	372	\$57,890.00
9001.5060.00	GLR 92/300	24.3	4350	1800	750	73	386	372	\$57,890.00

SL Series

HPP Industrial Pumps



*Gearbox not included

- Cast Iron Crankcase
- Chemically Resistant Coated Cast Iron Manifold
- Hardened Crankshaft
- Cast Iron Connecting Rods
- Ceramic Plungers
- Stainless Steel Valves
- V-Packing Seal Design-Buna N
- Steel Piston Guides
- 2-1/2" Inlet; 1-1/4" Outlet
- 50mm Shaft

PART #	MODEL #	GPM	PSI	RPM	HP	WT (lbs.)	OIL (OZ)	LIST PRICE
9001.5950.00	SL 316/130	83.4	1885	740	110	518	338	\$67,460.00
9001.5940.00	SL 261/160	69.9	2320	740	110	518	338	\$67,460.00
9001.5930.00	SL 212/200	56.0	2900	740	110	518	338	\$67,460.00
9001.5920.00	SL 167/250	44.1	3625	740	110	518	338	\$67,460.00
9001.5910.00	SL 135/300	35.6	4350	740	110	518	338	\$67,460.00

SLR Series

HPP Industrial Pumps



Gear Box 1500 RPM #9001.0803.00

Gear Box 1800 RPM #9001.0804.00

- Cast Iron Crankcase
- Chemically Resistant Coated Cast Iron Manifold
- Hardened Crankshaft
- Cast Iron Connecting Rods
- Ceramic Plungers
- Stainless Steel Valves
- V-Packing Seal Design-Buna N
- Steel Piston Guides
- 2-1/2" Inlet; 1-1/4" Outlet
- 50mm Shaft

PART #	MODEL #	GPM	PSI	INPUT RPM	PUMP RPM	HP	WT (lbs.)	OIL (OZ)	LIST PRICE
9001.5955.00	SL 316/130	83.4	1885	R=2.03 1500	740	110	595	338	\$68,855.00
9001.5945.00	SL 261/160	69.9	2320	1500	740	110	595	338	\$68,855.00
9001.5935.00	SL 212/200	56.0	2900	1500	740	110	595	338	\$68,855.00
9001.5925.00	SL 167/250	44.1	3625	1500	740	110	595	338	\$68,855.00
9001.5915.00	SL 135/300	35.6	4350	1500	740	110	595	338	\$68,855.00

PART #	MODEL #	GPM	PSI	INPUT RPM	PUMP RPM	HP	Wt (lbs.)	OIL (OZ)	LIST PRICE
9001.5957.00	SL 316/130	83.4	1885	R=2.41 1800	740	110	595	338	\$68,855.00
9001.5947.00	SL 261/160	69.9	2320	1800	740	110	595	338	\$68,855.00
9001.5937.00	SL 212/200	56.0	2900	1800	740	110	595	338	\$68,855.00
9001.5927.00	SL 167/250	44.1	3625	1800	740	110	595	338	\$68,855.00
9001.5917.00	SL 135/300	35.6	4350	1800	740	110	595	338	\$68,855.00

ANTI-FREEZE - Pump Saver



- Protects Pump from Freezing in Winter
- Attaches to any Pump Inlet to Fill Pump Chamber

Part #	Description	List Price
8102.5000.00	Pump Saver	\$17.09

BALL COUPLING



- 12 GPM @ 3600 PSI
- 300° F

Part #	Description	List Price
8108.8304.00	Coupler, G 1/4" M MV #0212006150	\$36.96
8108.9150.00	Plug, G 1/4" F MV #0121720120	\$19.76

BRUSH - Rotating



- 580 PSI
- 140° F Max
- 3.0mm Nozzle
- 1/4" M Inlet

Part #	Description	List Price
8108.9152.00	Brush, Nylon Bristles MV #0201000001	\$60.82
8108.8300.00	Brush, Horse Hair Bristles MV #0201000011	\$72.46

BRUSH - Rotating w/Joint



- 580 PSI
- 140° F Max
- 3.0mm Nozzle
- 1/4" F Inlet

Part #	Description	List Price
8108.3303.00	Brush, Nylon Bristles MV #0201000002	\$67.55
8108.3304.00	Brush, Horse Hair Bristles MV #0201000012	\$81.39

BURNER RINGS



- Cast Iron for Long Life
- High-Flow Design
- Industry Standard Sizes
- New & Improved Casting Design

Part #	Description	List Price
8102.0120.00	BR-32 Burner Ring, 32-Nozzle	\$137.86
8102.0141.00	BR-44 Burner Ring, 44-Nozzle	\$231.76
8102.0162.00	BR-88 Burner Ring, 88-Nozzle	Call
8102.0100.00	Replacement Nozzle	\$1.73

*Specify Orifice Sizing at Time of Order

CARTS - Pressure Washer



- Durable Powder Coat
- Pneumatic Wheels
- Nickel Axle Caps
- Rubber Foot Pads
- Rubber Nozzle Grommets
- Heavy-Duty Welded Steel Frame Cart
- 3/4" Axle



Part #	Description	List Price
8102.0201.00	Cart, 10" Wheels Up to 6.5 HP Gas Engine or 56C Electric Motor Base Dimensions: 13" x 12 3/4"	\$128.00
8102.0202.60	Cart, 10" Wheels Up to 13 HP Gas Engine Base Dimensions: 12 1/4" x 19 1/4"	\$186.95
8102.0203.00	Cart, 13" Wheels 11-20 HP Gas Engine or 182-184T Electric Motor Base Dimensions: 13 3/4" x 20 1/4"	\$237.00

CARTS - Components



Part #	Description	Style	List Price
8102.0202.01	Knuckle & Bolt for cart 8102.0202.60	G	\$3.38
8102.0250.00	10" Pneumatic Wheel w/ 3/4" Industrial Duty Nylon Bearing	A	\$22.05
8102.0251.00	13" Pneumatic Wheel w/ 3/4" Industrial Duty Nylon Bearing	B	\$33.29
8102.0252.00	10" Foam Filled Tire	C	\$32.60
8102.0260.00	Rubber Grommet Spray Tip Holder	E	\$.63
8102.0261.00	Rubber Foot w/Hardware	D	\$1.87
8102.0263.00	Nickel Plated Axle Cap, 5/8"	F	\$1.13
8102.0264.00	Nickel Plated Axle Cap, 3/4"	F	\$1.43

CARTS - Components



4" Pulley



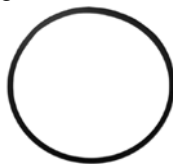
1" Bushing



24mm Bushing



9" Pulley



Belt

Part #	Description	List Price
8102.0270.00	4" Pulley	\$17.82
8102.0271.00	24mm Bushing	\$11.13
8102.0272.00	1" Bushing	\$12.31
8102.0276.00	9" Pulley	\$44.54
8102.0274.00	40" Belt B-Style	\$20.46
8102.0275.00	Pulley & Belt Assembly Kit	\$135.17

[Includes all of the above, 2 belts, 2 bolts]

CLUTCH



- 12 Volt
- 101 Nm of Torque
- 75 Lb.-Ft.
- 3.9 Amps



A



B

Part #	Description	List Price
8201.0000.00	Clutch, Single Groove	\$630.00
7600.0100.00	Plate, 2-1/2" Dia.	A \$49.54
	For Pump Models FW, HW, RW, SW & TW	
7600.0101.00	Plate, 1-1/2" Dia.	B \$53.71
	For Pump Models LW & ZW	

COUPLERS - QC Sockets



- Ball Bearing Snap Connection
- Precision Machined Parts
- Click Lock Design
- 5000 PSI - 1/4"
- 4000 PSI - 3/8" & 1/2"
- Box Qty 100 (1/4" & 3/8")
- Box Qty 50 (1/2")

Brass Sockets

Part #	Description	List Price
8102.0301.00	Brass Socket, 1/4" FPT	\$6.71
8102.0302.00	Brass Socket, 3/8" FPT	\$7.90
8102.0303.00	Brass Socket, 1/4" MPT	\$6.48
8102.0304.00	Brass Socket, 3/8" MPT	\$7.76
8102.0356.00	Brass Socket, 1/2" MPT	\$11.81
8102.0357.00	Brass Socket, 1/2" FPT	\$12.38

Brass Sockets w/ Stainless Collar

Part #	Description	List Price
8102.0305.00	Socket, 1/4" FPT w/ Stainless Collar	\$7.05
8102.0307.00	Socket, 1/4" MPT w/ Stainless Collar	\$7.38
8102.0308.00	Socket, 3/8" MPT w/ Stainless Collar	\$9.52

Zinc Plated Steel Sockets

Part #	Description	List Price
8102.0313.00	Zinc Socket, 1/4" FPT	\$4.90
8102.0314.00	Zinc Socket, 3/8" FPT	\$5.62
8102.0317.00	Zinc Socket, 1/4" MPT	\$5.19
8102.0318.00	Zinc Socket, 3/8" MPT	\$6.43

Stainless Steel Sockets-5000 PSI

Part #	Description	List Price
8102.0309.00	Stainless Steel Socket, 1/4" FPT	\$11.33
8102.0310.00	Stainless Steel Socket, 3/8" FPT	\$15.86
8102.0311.00	Stainless Steel Socket, 1/4" MPT	\$10.86
8102.0312.00	Stainless Steel Socket, 3/8" MPT	\$15.33

O-RINGS - Replacement

Part #	Description	List Price
8102.0301.01	"O" Ring for 1/4" Couplers	\$.45
8102.0302.01	"O" Ring for 3/8" Couplers	\$.45
8102.0301.02	Viton "O" Ring for 1/4" Couplers	\$.77
8102.0302.02	Viton "O" Ring for 3/8" Couplers	\$.96

COUPLERS - QC Plugs



- Industrial Grade Steel
- Precision Machined Parts
- 5000 PSI - 1/4"
- 4000 PSI - 3/8" & 1/2"
- Box Qty 100

Brass Plugs

Part #	Description	List Price
8102.0350.00	Brass Plug, 1/4" FPT	\$2.43
8102.0351.00	Brass Plug, 1/4" MPT	\$2.43
8102.0352.00	Brass Plug, 3/8" FPT	\$3.71
8102.0353.00	Brass Plug, 3/8" MPT	\$3.57
8102.0360.00	Brass Plug, 1/8" MPT	\$.95
8102.0361.00	Brass Plug, 1/8" FPT	\$1.48
8102.0362.00	Brass Plug, 1/2" MPT	\$4.95
8102.0363.00	Brass Plug, 1/2" FPT	\$5.33

ST-N2 Steel Plugs

Part #	Description	List Price
8102.0320.00	Steel Plug, 1/4" FPT	\$1.33
8102.0321.00	Steel Plug, 1/4" MPT	\$.95
8102.0322.00	Steel Plug, 3/8" FPT	\$1.62
8102.0323.00	Steel Plug, 3/8" MPT	\$1.48
8102.0354.00	Steel Plug, 1/2" MPT	\$1.86
8102.0355.00	Steel Plug, 1/2" FPT	\$2.43

Hardened Steel Plugs

Part #	Description	List Price
8102.0324.00	Hardened Steel Plug, 1/4" FPT	\$1.57
8102.0325.00	Hardened Steel Plug, 1/4" MPT	\$1.38
8102.0326.00	Hardened Steel Plug, 3/8" FPT	\$1.95
8102.0327.00	Hardened Steel Plug, 3/8" MPT	\$1.76
8102.0358.00	Hardened Steel Plug, 1/8" FPT	\$1.43

Stainless Steel Plugs-5000 PSI

Part #	Description	List Price
8102.0328.00	Stainless Steel Plug, 1/4" FPT	\$4.67
8102.0329.00	Stainless Steel plug, 1/4" MPT	\$4.05
8102.0330.00	Stainless Steel Plug, 3/8" FPT	\$6.33
8102.0331.00	Stainless Steel Plug, 3/8" MPT	\$6.33

COUPLERS - Insulated



- 212°F
- 10 GPM
- 5000 PSI



Part #	Description	List Price
8402.1301.00	Coupler, 1/4" Insulated FPT	\$7.63
8402.1302.00	Coupler, 1/4" Insulated MPT	\$7.41
8402.1303.00	Coupler, 3/8" Insulated FPT	\$8.92
8402.1304.00	Coupler, 3/8" Insulated MPT	\$8.82

COUPLERS - Rotating



- NEW**
- 11 GPM @ 3600 PSI
 - 300° F

Part #	Description	List Price
8108.8019.00	Body G 3/8" F MV #0212000020	\$12.15
8108.9156.00	Body G 1/4" F MV #0212000030	\$10.61
8108.9157.00	Body G 1/4" M MV #0212000050	\$9.95
8108.9124.00	Plug G 1/4" M MV #0212000150	\$5.64

COUPLERS - Swivel



- NEW**
- 11 GPM @ 3200 PSI
 - 300° F

Part #	Description	List Price
8108.9126.00	Coupler, 3/8" MPT x 3/8" FPT MV #0212006010	\$13.54

COUPLERS - Twist Connect/QC



- Adapts from QC to M22 Twist Connect
- 4000 PSI
- Box Qty 100

Part #	Description	List Price
8102.8518.00	3/8" QC Socket X M22M	\$7.76
8102.8519.00	3/8" QC Plug x M22F	\$5.19

COUPLERS - Twist Connect-M22



NEW

- 11 GPM @ 3600 PSI
- 300° F

Part #	Description	List Price
8108.9125.00	Body, 1/4" FPT x M22 MV #0212003530	\$10.54
8108.8302.00	Body, 1/4" MPT x M22 MV #0212003550	\$9.88
8108.7004.00	Body, 3/8" FPT x M22 MV #0212003520	\$11.34
8108.8301.00	Body, 3/8" FPT x M22 MV #0212003540	\$11.34
8108.8303.00	Plug, 1/4" FPT x M22 MV #0212003630	\$3.88
8108.7005.00	Plug, 1/4" MPT x M22 MV #0212003650	\$3.88
8108.7006.00	Plug, 3/8" FPT x M22 MV #0212003620	\$4.76
8108.7007.00	Plug, 3/8" MPT x M22 MV #0212003640	\$4.76

COUPLERS - Twist Connect-M22



- Secure Twist Connection
- Precision Machined
- 4000 PSI
- 10 GPM
- Box Qty 100

Part #	Description	List Price
8102.6000.00	Body, 1/4" FPT x M22F, Zinc	A \$5.14
8102.6001.00	Body, 3/8" FPT x M22F, Zinc	C \$5.57
8102.6020.00	Body, 1/4" MPT x M22F Brass	B \$4.86
8102.8521.00	Body, 3/8" MPT x M22F Brass	D \$5.14
8102.6002.00	Plug, 1/4" FPT x M22	E \$3.62
8102.6003.00	Plug, 3/8" FPT x M22	F \$3.48
8102.6004.00	Plug, 1/4" MPT x M22	G \$3.67
8102.6005.00	Plug, 3/8" MPT x M22	H \$3.29
8102.6000.01	O-ring, Twist Connect	\$1.53

COUPLERS - Twist Connect-M22



- Secure Twist Connection
- Precision Machined
- 3600 PSI
- 11 GPM
- 300°F

Part #	Description	List Price
8108.0301.00	Body, 1/4" FPT x M22	\$13.54
8108.0302.00	Body, 1/4" MPT x M22	\$13.54
8108.0311.00	Plug, 1/4" FPT x M22	\$8.34
8108.0312.00	Plug, 1/4" MPT x M22	\$6.29
8108.0314.00	Plug, 3/8" MPT x M22	\$6.29

ENGINE KEYS



- Keys for All Common Engine shafts
- Fits 1" & 3/4" shafts

Part #	Description	List Price
8102.2800.00	Engine Shaft Key-3/4" Solid Shaft	\$1.63
8102.2801.00	Engine Shaft Key-1" Solid Shaft	\$2.08

FILTERS - High Pressure



- 8 GPM
- Max PSI 5000
- Max Temp 200°
- Stainless w/Brass Insert

Part #	Description	List Price
8402.0335.00	Filter 1/4" MPT x 1/4" FPT	\$22.69
8402.0334.00	Filter 1/4" MPT x QC	\$15.65

FILTER/HOSE ASSEMBLY



- Industrial Duty Hose
- Chemical Filter with Check Valve

Part #	Description	List Price
8102.3000.00	Chemical Hose Assembly, 3 ft.	\$2.01
8102.3002.00	Chemical Hose Assembly, 4 ft.	\$2.60
8102.3001.00	Chemical Hose Assembly, 6 ft.	\$3.44

FILTERS - High Pressure Brass



- 190° F
- 8 GPM @ 5000 PSI
- Serviceable Design
- Recommended for use with Rotating Nozzles
- Filter Box Qty 20

Part #	Description	List Price
8107.0411.00	HP Filter, 1/4" QC x 1/4" MPT	\$18.08
8107.0410.02	Replacement Screen	\$3.38
8107.0410.03	Inner Screen Support	\$4.49

FILTERS - Canister



- Polycarbonate
- 1" (F x F) Connection
- Uses 9-3/4" Filters

Part #	Description	List Price
8107.0430.00	Polycarbonate Housing	\$74.07
8107.0431.00	Filter, Plastic, 60 Microns, 10"	\$31.33
8107.0432.00	Filter, Carbon Block, 5 Microns	\$37.91

FILTERS - High Pressure



- 4000 PSI
- 210° F

Part #	Description	List Price
8108.9122.00	Filter, QC Inlet x 1/4" M Outlet MV #0211000650	\$36.23

FILTERS - Chemical Suction



- Box Qty 100
- 20
- 50
- 50



- 50

Part #	Description	Style	List Price
8107.2001.00	Chemical Strainer--w/o Check	A	\$4.90
8107.2002.00	Chemical Strainer--with Check	A	\$5.20
8107.2007.00	Chemical Strainer--with Check	A	\$5.56
8107.2005.00	Chemical Strainer--with Check	B	\$14.93
8107.2003.00	Chemical Strainer--with Ballast	C	\$2.78
8107.2004.00	Chemical Strainer--with Ballast	D	\$16.03
8107.2006.00	Chemical Strainer--w/o Check	E	\$14.93
8108.9119.00	Intake Strainer, MV 15 MV #0211000120	F	\$1.98
8108.9118.00	Intake Strainer, MV 16 w/Check MV #0211000110	G	\$3.07
8108.9117.00	Intake Strainer, MV 13 MV #0211000021	H	\$6.81

FILTERS - Inlet



- Bypass Port
- 1/2" F x 1/2" M
- Replaceable Screen
- 60 Mesh Cuffed Screen



Part #	Description	List Price
8102.0401.00	Inlet Filter, Black Alum. Body w/ Garden Hose Adaptor A	\$25.92
8102.0422.00	Replacement Green Cap	\$1.94
8102.0420.00	Replacement Housing	\$10.10
8102.0421.00	Replacement Screen	\$3.71
8107.0400.00	Inlet Filter, Alum., Dual Bypass B	\$34.11

FILTERS - Inlet, Clear



***Patent Pending**

- 8.0 GPM
- 160 PSI
- 175°
- 3/4" FGH Inlet

Part #	Description	List Price
8102.0460.00	Filter, 1/2" Outlet	\$21.38
8102.0461.00	Filter, 1/2" Outlet, 1/4" By-Pass	\$24.33
8102.0460.01	Replacement Sleeve	\$2.90
8102.0460.02	Replacement O-Ring	\$1.05

FILTERS - Strainer



- 8 GPM
- 145 PSI
- 104° F
- 1/2" F x 1/2" M
- 1/4" By-Pass Port

Part #	Description	List Price
8108.9123.00	Strainer, 50 Mesh, MV 18 MV #0211001050	\$34.33

FILTERS - Tank Suction



- Straining Power
400 Microns

Part #	Description	List Price
8107.0440.00	Tank Suction Filter	\$52.18
8107.0450.00	Tank Suction Filter w/check	\$56.36

FILTERS - Y Intake Strainers



- 50 Mesh SS. Screen
- Brass Body
- 225 PSI
- 210° F

Part #	Description	List Price
8107.2011.00	1/2" FPT x 1/2" FPT MV #0211000520	\$13.25
8107.2012.00	3/4" FPT x 3/4" FPT MV #0211000530	\$19.10
8107.2013.00	1" FPT x 1" FPT MV #0211000540	\$28.54

FITTING KIT - Bayonet Style



- 2000 PSI
- 8 GPM
- 140° F
- 1/4" FNPT
- Brass Fittings

Part #	Description	List Price
8102.0600.00	Fitting Kit, 5 Pack	\$21.43

FITTINGS - Brass, Misc.



- Solid Brass Fittings
- Precision Machined Parts
- Industrial Grade
- 4000 PSI
- Box Qty 100



Part #	Description	List Price
8102.0503.00	Street Elbow, 1/4" M x 1/4" F	\$4.86
8102.0504.00	Street Elbow, 3/8" M x 3/8" F	\$5.81
8102.0509.00	Elbow, 3/8" MNPT x 1/4" FNPT	\$2.52
8107.0508.00	Street Elbow, 1/2" M x 1/2" F	\$15.08
8102.0502.00	Tee, 3/8" F x 3/8" F x 3/8" F	\$9.52
8102.0505.00	Hex Nipple, 3/8" MPT x 3/8" MPT	\$2.95
8102.6011.00	Hex Nipple, 1/2" MPT x 1/2" MPT	\$6.52
8116.0005.00	Nipple, M22M x 1/2" BSP	\$8.31
8102.0506.00	Hex Bushing, 1/2" M x 3/8" F	\$3.95
8102.0507.00	Hose Barb, 1/4" MPT x 3/8" Barb	\$2.24
8102.0508.00	Hose Barb, 3/8" MPT x 3/8" Barb	\$2.38
8102.8502.00	Fitting, 1/2" MGH	\$5.95

FITTINGS - Garden Hose



SS Tension Spring 1/4" FPT By-Pass Port

- Solid brass fittings
- Precision threads

Part #	Description	List Price
8105.0500.00	1/2" MPT x FGH	B \$13.24
8105.0501.00	3/8" MPT x FGH	B \$12.71
8105.0502.00	1/2" FPT x FGH	C \$5.43
8105.0600.00	3/8" MPT x FGH	A \$4.71
8105.0601.00	1/2" MPT x FGH	A \$4.95
8102.0450.00	Filter Washer for GH Adapted	D \$0.50

FITTINGS - QC Garden Hose



- Solid Brass Fittings
- Precision Threads
- Box Qty 100

Part #	Description	List Price
8102.0335.00	Plug, Brass, 1/2" QC x MGH	A \$3.57
8102.0336.00	Coupler, Brass, 1/2" QC x FGH	B \$4.81
8102.0337.00	Garden Hose QC Set	\$8.38
8102.0338.00	Plug, Brass, 3/4" FBSP	C \$2.19

FITTINGS - QC Plug



- 11 GPM @ 4000 PSI
- 300° F Max

Part #	Description	List Price
8108.9014.00	Plug, 3/8" Female, Zinc Plated MV #0121730050	\$5.20

FOAMER



- 1800 PSI
- 140° F
- 1/4" Female Inlet

Part #	Description	List Price
8108.2610.00	Foamer MV #0202001000	\$64.99

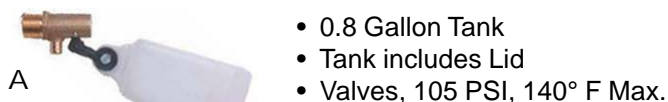
FOAMER - Professional



- 2900 PSI
- 140° F
- 1/4" Female Inlet

Part #	Description	List Price
8108.2611.00	Foamer MV #0202001020	\$90.02

FLOAT TANK & VALVES



- 0.8 Gallon Tank
- Tank includes Lid
- Valves, 105 PSI, 140° F Max.

• Box Qty 25



• Box Qty 50

• Box Qty 10



Part #	Description	List Price
8107.2602.00	Float Valve, Brass, 3/4" A	\$32.72
8107.2601.00	Float Valve, Plastic, 3/4" B	\$22.98
8107.2605.00	Float Valve, Brass 1/2" A	\$39.67
8107.2608.00	Rubber Seal for Brass Float	\$5.78
8107.2611.00	Float Tank with Lid C	\$16.69
8108.8015.00	Tank with Bulkhead C	\$16.25

MV #0210000010

GAUGES - Pressure



- Glycerin Filled
- 1/4" MNPT Inlet
- 2" Diameter
- Bottom Mount

Part #	Description	List Price
8106.0613.00	Gauge, 3000 PSI, Stainless Steel	\$21.34
8106.0614.00	Gauge, 4000 PSI, Stainless Steel	\$21.34
8106.0615.00	Gauge, 6000 PSI, Stainless Steel	\$21.34

GAUGES - Quick Disconnect Kit



- 3/8" QD Socket w/ Stainless Steel Socket
- 3/8" QD Brass Plug
- 1/4" FPT Gauge Port

Part #	Description	List Price
8102.0332.00	QD Gauge Kit Fitting	\$11.24
8102.0340.00	QD Gauge Kit w/4000 PSI Gauge	\$33.38

GEAR REDUCERS - Gas Engine



- 2.2:1 Gear Ratio
- 1" Hollow Shaft
- Helical Cut Gears
- Oil Ring Seal

Part #	Description	List Price
5005.0207.00	Gear Reducer, 2.2:1", 9-20 HP	\$560.00
5005.0209.00	Gear Reducer, 1-1/8", 9-20 HP	\$665.00
5005.0236.00	Gear Reducer, 1" Shaft, 25 HP	\$620.00
5005.0237.00	Gear Reducer, 1-1/8" Shaft, 25 HP	\$651.00

GEAR REDUCER - Premium Pumps



Part #	Description	List Price
8116.0200.00	Gear Reducer, 1-1/8", B24-24 HP	\$588.00
8116.0200.01	Spacer w/1-1/8" Reducer - 4 Required	\$2.99
8116.0201.00	Gear Reducer, 1", B24-24 HP	\$556.00



Part #	Description	List Price
8116.0204.00	Gear Reducer, 1", B11-18 HP	\$816.51

GFI



- Includes 30' Cord
- UL, CSA 120V/15A
- NEMA 5-15 P & R
- Accepts SJTW Cord
- 12/3, 14/3, 16/3 AWG

Part #	Description	List Price
7500.0000.00	GFI W/30' Cord	\$40.50
0456.0116.00	GFCI	\$225.06
7500.0001.00	Adapter Plug	\$43.71
7500.0002.00	Plug for 12 AWG	\$45.90
7500.0005.00	Plug for 12, 14 & 16 AWG	\$45.90

GUNS – Accessory



- Helps Prevent Hand Fatigue

Part #	Description	List Price
7600.0001.00	Open Trigger Lock	\$18.20

GUNS – RL 80



- Rated Flow 21 GPM
- 8100 Max PSI
- 210° F Max
- 1/2" Inlet
- 1/2" Outlet

Part #	Description	List Price
8116.1603.00	Spray Gun, 21 GPM, 8100 PSI	\$529.39

RL 80 Extension



- 21 GPM
- 210° F Max
- 1/2" Male Inlet
- 1/4" Female Outlet
- Length 31.5"

Part #	Description	Max PSI	List Price
8116.1603.10	Lance Extension	8100	\$327.82

GUNS – RL 84



- Rated Flow 21 GPM
- 8100 Max PSI
- 210° F Max
- 1/2" Inlet
- 1/2" Outlet

Part #	Description	List Price
8116.1608.00	Spray Gun, 21 GPM, 8100 PSI	\$529.39

GUNS – 12050



Pure Pressure

- 12 GPM @ 5075 PSI
- 300° F Max
- 3/8" Inlet
- 1/4" Outlet

Part #	Description	List Price
8108.1606.00	Spray Gun, 12 GPM, 5075 PSI MV #0200003540	\$55.20
8108.1604.01	Repair Kit MV #0200103500	\$19.40

GUNS – MV 2002



- 11 GPM @ 5075 PSI
- 320° F
- 3/8" Inlet
- 1/4" Outlet

Part #	Description	List Price
8108.8604.00	Spray Gun, 11 GPM @ 5075 PSI MV #0200011010	\$61.26
8108.8604.01	Repair Kit MV #0200111000	\$25.74

GUNS – MV 2002, Swivel



- 11 GPM @ 5075 PSI
- 320° F
- 3/8" Inlet, Swivel
- 1/4" Outlet

Part #	Description	List Price
8108.9036.00	Spray Gun, 11 GPM @ 5075 PSI MV #0200011050	\$70.26
8108.8604.01	Repair Kit MV #0200111000	\$25.74

GUNS – MV 2002, Stainless Steel



- 11 GPM @ 5075 PSI
- 320° F
- 3/8" Inlet
- 1/4" Outlet

Part #	Description	List Price
8108.9037.00	Spray Gun, 11 GPM @ 5075 PSI MV #0200011510	\$307.40
8108.8604.01	Repair Kit MV #0200111000	\$25.74

GUNS - MV 940


- 8 GPM @ 5075 PSI
- 300° F
- 3/8" Inlet
- 1/4" Outlet

Part #	Description	List Price
8108.9027.00	Spray Gun, 8 GPM @ 5075 PSI MV #0200003510	\$50.14
8108.1604.01	Repair Kit MV #0200103500	\$19.40

GUNS - MV 880


- 11 GPM @ 4500 PSI
- 300° F
- 3/8" Inlet
- 1/4" Outlet

Part #	Description	List Price
8108.1605.00	Spray Gun, 11 GPM @ 4500 PSI MV #0200008010	\$53.90
8108.1605.01	Repair Kit MV #0200108000	\$22.53

GUNS - 8050


Pure
Pressure

- 8 GPM @ 5075 PSI
- 300° F Max
- 3/8" Inlet
- 1/4" Outlet

Part #	Description	List Price
8108.1604.00	Spray Gun, 8 GPM, 5075 PSI MV #0200003530	\$49.90
8108.1604.01	Repair Kit MV #0200103500	\$19.40

GUNS - Astra 320


- 10 GPM, 4500 PSI,
- 300° F Max Temp.
- Brass Valve Body
- 3/8" Inlet
- 1/4" Outlet

Part #	Description	List Price
8107.1610.00	Astra 320 Spray Gun	\$66.40
8107.1611.00	Astra 320 Spray Gun, Weep	\$77.50
8107.1610.01	Astra Repair Kit	\$33.94
8107.1611.02	Astra Weep Repair kit (Valve Assembly Only)	\$25.62

GUNS - MV 2001


- 8 GPM @ 5075 PSI
- 320° F
- 3/8" Inlet
- 1/4" Outlet

Part #	Description	List Price
8108.9034.00	Spray Gun MV #0200010010	\$63.42
8108.9034.01	Repair Kit MV #0200110000	\$20.82

GUNS - MV 880 Triggerless


- 11 GPM @ 4500 PSI
- 300° F
- 3/8" Inlet
- 1/4" Outlet

Part #	Description	List Price
8108.9030.00	Spray Gun, 11 GPM @ 4500 PSI MV #0200008020	\$31.55
8108.1605.01	Repair Kit MV #0200108000	\$22.53

GUNS - MV 2001 w/Swivel


- 8 GPM @ 5075 PSI
- 320° F
- 3/8" Inlet
- 1/4" Outlet

Part #	Description	List Price
8108.9035.00	Spray Gun MV #0200010050	\$78.34
8108.9034.01	Repair Kit MV #0200110000	\$20.82

GUNS - Weep MV 890


- 9 GPM @ 4500 PSI
- 300° F
- 3/8" Inlet
- 1/4" Outlet

Part #	Description	List Price
8108.8602.00	Spray Gun, Weep MV #0200008700	\$50.57
8108.1603.01	Repair Kit, Standard MV #0200105000	\$17.93

GUNS - MV 950


- 9 GPM @ 4500 PSI
- 300° F
- 3/8" Inlet
- 1/4" Outlet

Part #	Description	List Price
8108.1603.00	Spray Gun, 9 GPM @ 4500 PSI MV #0200008810	\$48.70
8108.1603.01	Repair Kit, Standard MV #0200105000	\$17.93
8108.1603.02	Repair Kit, Mini (SS Seat and O-Ring Only) MV #0200105010	\$4.85

GUNS - 10050


- 10 GPM @ 5000 PSI
- 300° F
- 3/8" Inlet
- 1/4" Outlet

Part #	Description	List Price
8402.1600.00	Spray Gun	\$29.83

GUNS – MV 890



- 8 GPM @ 4500 PSI
- 300° F
- 3/8" Inlet
- 1/4" Outlet

Part #	Description	List Price
8108.9031.00	Spray Gun, 8 GPM @ 4500 PSI MV #0200008510	\$47.94
8108.1603.01	Repair Kit, Standard MV #0200105000	\$17.93

GUNS – Weep MV 950



- 8 GPM @ 4500 PSI
- 300° F
- 3/8" Inlet
- 1/4" Outlet

Part #	Description	List Price
8108.9032.00	Spray Gun, 8 GPM @ 4500 PSI MV #0200008880	\$51.82
8108.1603.01	Repair Kit, Standard MV #0200105000	\$17.93

GUNS – MV 920



- 7 GPM @ 4500 PSI
- 300° F
- 3/8" Inlet
- 1/4" Outlet

Part #	Description	List Price
8108.8603.00	Spray Gun, 7 GPM @ 4500 PSI MV #0200009390	\$44.43
8108.1625.01	Repair Kit MV #0200109000	\$11.71

GUNS - Triggerless



- 8 GPM, 4100 PSI, 300° F
- Brass Valve Body
- 3/8" Inlet
- 1/4" Outlet
- Stainless Steel & Brass Design
- Box Qty 30

Part #	Description	List Price
8107.1609.00	Iride, Free Flow Through Gun	\$36.90

GUNS - MV 810



- 12 GPM @ 4000 PSI
- 300° F
- 3/8" Inlet
- 1/4" Outlet

Part #	Description	List Price
8108.9029.00	Spray Gun MV #0200005020	\$48.96
8108.1603.01	Repair Kit, Standard MV #0200105000	\$17.93

GUNS-10540



- 10.5 GPM @ 4000 PSI
- 320° F
- 3/8" Inlet
- 1/4" Outlet

Part #	Description	List Price
8102.1603.00	Spray Gun, 10.5 GPM @ 4000 PSI	\$48.76
8102.1602.01	Repair Kit	\$11.55

GUNS – MV 2005



- 8 GPM @ 4000 PSI
- 320° F
- 3/8" Inlet
- 1/4" Outlet

Part #	Description	List Price
8108.1620.00	Spray Gun, 8 GPM @ 4000 PSI MV #0200007180	\$36.90
8108.1620.01	Repair Kit MV #0200107100	\$15.37

GUNS – Iride 280



- 8 GPM, 4000 PSI, 300° F
- Brass Valve Body
- 3/8" Inlet
- 1/4" Outlet

Part #	Description	List Price
8107.1601.00	Iride 280 Spray Gun	\$63.30
8107.1602.00	Iride 280 Spray Gun, Weep	\$68.90
8107.1601.01	Iride Repair Kit, Mini [Valve Assembly Only]	\$21.77
8107.1601.02	Iride Repair Kit, Standard	\$36.05

GUNS – MV 920



- 7 GPM @ 4000 PSI
- 300° F
- 3/8" Inlet
- 1/4" Outlet

Part #	Description	List Price
8108.8003.00	Spray Gun, 7 GPM @ 4000 PSI MV #0200009010	\$43.69
8108.1625.01	Repair Kit MV #0200109000	\$11.71

GUNS – MV 920, M22



- 7 GPM @ 4000 PSI
- 300° F
- M22M Inlet
- M22M Outlet

Part #	Description	List Price
8108.9033.00	Spray Gun, 7 GPM @ 4000 PSI MV #0200009330	\$57.60
8108.1625.01	Repair Kit MV #0200109000	\$11.71

GUNS – Weep MV 920 W



- 7 GPM @ 4000 PSI
- 300° F
- 3/8" Inlet
- 1/4" Outlet

Part #	Description	List Price
8108.1625.00	Spray Gun, 7 GPM @ 4000 PSI MV #0200009190	\$45.90
8108.1625.01	Repair Kit MV #0200109000	\$11.71

GUNS – MV 2005



- 8 GPM @ 3700
- 320° F
- 3/8" Inlet
- 1/4" Outlet

Part #	Description	List Price
8108.8601.00	Spray Gun, 8 GPM @ 3700 PSI MV #0200007120	\$36.89
8108.8601.01	Repair Kit MV #0200107110	\$18.93

GUNS – MV 2006



- 8 GPM @ 3700
- 320° F
- 3/8" Inlet
- 1/4" Outlet

Thumb wheel for high to low pressure adjustment

Part #	Description	List Price
8108.8600.00	Spray Gun, 8 GPM @ 3700 PSI MV #0200006120	\$46.26
8108.8600.01	Repair Kit MV #0200106110	\$20.35

GUNS – RL 19



- Rated Flow 53 GPM
- 3200 Max PSI
- 210° F Max
- 1/2" Inlet
- 1/2" Outlet

Part #	Description	List Price
8116.1602.00	Spray Gun, 53 GPM, 3200 PSI	\$529.39

GUNS – Aura 210



- 7 GPM, 3100 PSI, 300° F
- Brass Valve Body
- 3/8" Inlet
- 1/4" Outlet
- **Box Qty 40**

Part #	Description	List Price
8107.1620.00	Aura 210 Spray Gun	\$59.40
8107.1621.00	Aura 210 Spray Gun, Weep	\$70.26

GUNS – Front Entry-7027



- 7 GPM @ 2750 PSI
- 210° F
- Brass Valve Body
- 3/8" Front Inlet
- 1/4" Outlet

Part #	Description	List Price
8102.1601.00	Spray Gun, 7 GPM @ 2750 PSI	\$23.40
8102.1601.01	Repair Kit	\$10.95

GUNS – MV 960



- 7 GPM @ 2600
- 210° F
- 3/8" Inlet
- 1/4" Outlet

Part #	Description	List Price
8108.9028.00	Spray Gun, 7 GPM @ 2600 PSI MV #0200004810	\$33.30
8108.1601.01	Repair Kit, Standard MV #0200104000	\$10.25

GUNS – Front Entry-7025



Pure Pressure

- 7 GPM @ 2500 PSI
- 210° F
- 3/8" Front Inlet
- 1/4" Outlet

Part #	Description	List Price
8108.1601.00	Spray Gun, 7 GPM @ 2500 PSI MV #0200004820	\$33.30
8108.1601.01	Repair Kit, Standard MV #0200104000	\$10.25
8108.1601.02	Repair Kit, Mini (SS Seat and O-Ring Only) MV #0200102010	\$7.50

GUNS – MV 910



- 5 GPM @ 2000
- 180° F
- 1/4" Inlet
- 1/4" Outlet

Part #	Description	List Price
8108.1607.00	Spray Gun, 5 GPM @ 2000 PSI MV #0200006000	\$25.80

GUNS – RL 124



- Rated Flow 32 GPM
- 1950 Max PSI
- 210° F Max
- 1/2" Inlet
- 1/2" Outlet

Part #	Description	List Price
8116.1609.00	Spray Gun, 32 GPM, 1950 PSI	\$276.29

RL 100 Extension



- 26.5 GPM
- 320° F Max
- 1/2" Male Inlet
- 1/4" Female Outlet
- Length 31.5"

Part #	Description	Max PSI	List Price
8116.1601.10	Lance Extension	1800	\$117.18

GUN LANCE – Molded



- 10.5 GPM @ 5000 PSI Spray Gun
- 320° F
- 3/8" Inlet
- 22mm Outlet
- Brass Valve Body

Part #	Description	List Price
8102.1640.00	Gun Lance	\$53.52

GUN LANCE – Vented, MV 890



- 8 GPM @ 4500 PSI
- 300° F Max
- 3/8" Inlet
- M22F Outlet

Part #	Description	List Price
8108.9042.00	Gun Lance, 8 GPM, 4500 PSI MV #0200908530	\$83.07

GUN LANCE – Molded, Iride 280



- 8 GPM @ 4000 PSI
- 300° F
- 3/8" Inlet
- 22mm Outlet
- Brass Valve Body
- Use 22mm Wands
- Box Qty 20

Part #	Description	List Price
8107.1646.00	Molded Grip, Stainless Steel	\$87.97

GUN LANCE – Molded, MV 920



- 7 GPM @ 4000 PSI
- 300° F Max

Part #	Description	List Price
8108.7640.00	3/8" Inlet x 1/4" F Outlet MV #0200909250	\$64.41
8108.7641.00	Weep, 3/8" F Inlet x 1/4" F Outlet MV #0300909290	\$66.60

GUN LANCE – Molded, MV 2009



- 7 GPM @ 3800 PSI
- 212° F Max

Part #	Description	List Price
8108.7601.00	3/8" Inlet x M22F Outlet MV #0200905510	\$28.12
8108.9040.00	M22M Inlet x M22F Outlet MV #0200905520	\$32.51

GUN LANCE – Vented, MV 2005



- 8 GPM @ 3700 PSI
- 320° F Max
- 3/8" Inlet
- M22F Outlet

Part #	Description	List Price
8108.8607.00	Gun Lance, 8 GPM, 3700 PSI MV #0200917120	\$56.36

GUN LANCE – Vented, MV 2006



- 8 GPM @ 3700 PSI
- 320° F Max
- 3/8" Inlet
- M22F Outlet

Part #	Description	List Price
8108.9043.00	Gun Lance, 8 GPM, 3700 PSI MV #0200916120	\$69.53

GUN LANCE – Vented, MV 2005



- 8 GPM @ 3700 PSI
- 300° F Max
- 3/8" Inlet
- M22F Outlet

Part #	Description	List Price
8108.8641.00	Gun Lance, 8 GPM, 3700 PSI MV #0200917180	\$49.66

GUN LANCE – Molded, MV 990



- 7 GPM @ 3200 PSI
- 140° F Max
- 3/8" Inlet
- M22F Outlet

Part #	Description	List Price
8108.9038.00	Gun Lance, 7 GPM, 3200 PSI MV #0200902550	\$52.55

GUN LANCE - Molded, MV 2008



- 7 GPM @ 3200 PSI
- 212° F Max
- Front Entry

Part #	Description	List Price
8108.7600.00	3/8" Inlet x M22F Outlet MV #0200903520	\$23.09
8108.9039.00	M22M Inlet x M22F Outlet MV #0200903530	\$27.51

GUN LANCE - Molded, MV 970



- 7 GPM @ 3200 PSI
- 140° F Max

Part #	Description	List Price
8108.8606.00	3/8" Inlet, M22F Outlet MV #0200907110	\$40.99
8108.9041.00	M22M Inlet, M22F Outlet MV #0200907100	\$40.99

GUN LANCE - MT4 Lance, Aura



- 7 GPM @ 3100 PSI, 300° F
- Brass Valve Body
- 3/8" Inlet
- 22mm Discharge
- Box Qty 20

Part #	Description	List Price
8107.1658.00	Aura 210, MT4 Grip, Zinc Plated	\$65.58

GUN LANCE - Molded, MV 2000



- 5 GPM @ 2900 PSI
- 104° F Max

Part #	Description	List Price
8108.8605.00	Gun Lance, M22M Inlet x M22F MV #0200903000	\$35.42
8108.8640.00	Gun Lance, 3/8" Inlet x M22F MV #0200903030	\$40.18

HOBBY KIT



- Vari-Nozzle #3
- 24' x 1/4" 3000 PSI Steel Reinforced Rubber Hose
- Front Load Gun @ 2700 PSI
- Molded 36" Split Lance
- M22 Coupler

Part #	Description	List Price
8102.2600.00	Gun/Lance, Hose Assy & M22	\$135.00

HOSE ASSEMBLIES - 3000 PSI



- 3000 PSI Max.
- 250°F, (275°F Intermittent)
- 3/8" M Solid x 3/8" M Swivel
- Bend Restrictors on Both Ends
- Single Wire

Part #	Description	List Price
8115.0801.00	3000-25, Black, 25'	\$75.00
8115.0802.00	3000-50, Black, 50'	\$133.00
8115.0803.00	3000-100, Black, 100'	\$255.00
8115.0820.00	3000-25, Non-Marking Gray, 25'	\$81.00
8115.0821.00	3000-50, Non-Marking Gray, 50'	\$150.00
8115.0822.00	3000-100, Non-Marking Gray, 100'	\$271.00

HOSE ASSEMBLIES - 4500 PSI



- 4500 PSI Max.
- 3/8" M Solid x 3/8" M Swivel
- Bend Restrictors on Both Ends
- 250° F, (275° F Intermittent)
- Double Wire

Part #	Description	List Price
8115.0810.00	4500-25, Black, 25'	\$95.00
8115.0811.00	4500-50, Black, 50'	\$176.00
8115.0813.00	4500-75, Black, 75'	\$254.00
8115.0812.00	4500-100, Black, 100'	\$334.00
8115.0830.00	4500-25, Non-Marking Gray, 25'	\$99.00
8115.0831.00	4500-50, Non-Marking Gray, 50'	\$194.00
8115.0832.00	4500-100, Non-Marking Gray, 100'	\$370.00

HOSE REEL SWIVEL



- 4000 PSI
- 3/8" FNPT Inlet
- 3/8" MNPT Discharge
- 400° F Max Temp.

Part #	Description	List Price
8112.0803.00	Hose Reel Swivel, 90° Rotary Union	\$96.40
8112.0810.00	Hose Reel Swivel Repair Kit	\$17.00

*For Hose Reel 8112.0801.00 (Not Pictured) No Longer Available

HOSE REELS - Black



8112.0802.00



8102.0802.00

Part #	Description	List Price
8112.0802.00	Hose Reel, Black, 4000 PSI, 100'	\$229.00
8102.0802.00	Hose Reel, Black, 4000 PSI, 200'	\$243.52
8112.0804.00	Hose Reel Swivel, 90°	\$73.86
8112.0804.01	Repair kit	\$11.37

*For Hose Reel 8112.0802.00 & 8102.0802.00

HOSE REELS - Stainless Steel



- 4000 PSI
- 200'
- 160° F

Part #	Description	List Price
8112.0807.00	Hose Reel, Stainless Steel	\$780.90
8112.0808.00	Hose Reel Swivel	\$97.76
8112.0808.01	Repair Kit, Swivel	\$11.37

***For Hose Reel 8112.0807.00 (4000 PSI)**

INJECTORS - Downstream



MVR400



- Stainless Steel Insert
- Adjustable
- 3200 PSI
- 200°F
- 3/8" M Inlet
- 3/8" M Outlet

Part #	Description	GPM	List Price
8108.2129.00	MVR400-1.6 Adj. Chem. Inj. MV #0203004140	1 - 2	\$27.89
8108.2130.00	MVR410-1.8 Adj. Chem. Inj. MV #0203004150	2 - 3	\$27.89
8108.9061.00	MVR400-2.1 Adj. Chem. Inj. MV #0203004160	3 - 5	\$27.89
8108.2132.00	MVR400-2.3 Adj. Chem. Inj. MV #0203004170	5 - 8	\$27.89

INJECTORS - Downstream



- Stainless Steel Insert
- 3500 PSI Max
- Adjustable Chemical Injection
- 212° F Max Temp
- 3/8" MPT Inlet x 3/8" MPT Outlet

Part #	Description	GPM	List Price
8402.2122.00	Injector, Adjustable 1.8 mm	2-3	\$13.09
8402.2123.00	Injector, Adjustable 2.1 mm	3-5	\$13.09
8402.2124.00	Injector, Adjustable 2.3 mm	5-8	\$13.09

INJECTORS - Downstream



- Stainless Steel Insert
- 3600 PSI Max
- Adjustable Chemical Injection
- 300° F Max Temp
- 3/8" MPT Inlet x 3/8" MPT Outlet
- Box Qty 20

Part #	Description	GPM	List Price
8107.2122.00	Injector, Adjustable 1.6mm	1-2	\$34.77
8107.2123.00	Injector, Adjustable 1.8mm	2-3	\$34.77
8107.2124.00	Injector, Adjustable 2.3mm	5-8	\$34.77

INJECTORS - Downstream



- Brass Insert
- 3200 PSI
- Adjustable or Fixed Flow
- 200°F

Part #	Description	Inlet	Outlet	GPM	List Price
8108.2101.00	MV400-1.6 Fixed Chem. Inj. MV #0203004000	3/8" M	3/8" M	1-2	\$16.69
8108.2102.00	MV400-1.8 Fixed Chem. Inj. MV #0203004010	3/8" M	3/8" M	2-3	\$16.69
8108.2103.00	MV400-2.1 Fixed Chem. Inj. MV #0203004020	3/8" M	3/8" M	3-5	\$16.69
8108.2104.00	MV400-2.3 Fixed Chem. Inj. MV #0203004030	3/8" M	3/8" M	5-8	\$16.69
8108.2105.00	MV410-1.6 Fixed Chem. Inj. MV #0203005000	3/8" F	3/8" M	1-2	\$16.69
8108.2106.00	MV410-1.8 Fixed Chem. Inj. MV #0203005010	3/8" F	3/8" M	2-3	\$16.69
8108.2107.00	MV410-2.1 Fixed Chem. Inj. MV #0203005020	3/8" F	3/8" M	3-5	\$16.69
8108.2108.00	MV410-2.3 Fixed Chem. Inj. MV #0203005030	3/8" F	3/8" M	5-8	\$16.69
8108.9062.00	MV420-1.6 Fixed Chem. Inj. MV #0203006000	3/8" M	3/8" F	1-2	\$16.69
8108.9063.00	MV420-1.8 Fixed Chem. Inj. MV #0203006010	3/8" M	3/8" F	2-3	\$16.69
8108.9064.00	MV420-2.1 Fixed Chem. Inj. MV #0203006020	3/8" M	3/8" F	3-5	\$16.69
8108.9065.00	MV420-2.3 Fixed Chem. Inj. MV #0203006030	3/8" M	3/8" F	5-8	\$16.69
8108.2121.00	MVR400-1.6 Adj. Chem. Inj. MV #0203004100	3/8" M	3/8" M	1-2	\$23.86
8108.2122.00	MVR400-1.8 Adj. Chem. Inj. MV #0203004110	3/8" M	3/8" M	2-3	\$23.86
8108.2123.00	MVR400-2.1 Adj. Chem. Inj. MV #0203004120	3/8" M	3/8" M	3-5	\$23.86
8108.2124.00	MVR400-2.3 Adj. Chem. Inj. MV #0203004130	3/8" M	3/8" M	5-8	\$23.86
8108.2125.00	MVR410-1.6 Adj. Chem. Inj. MV #0203005100	3/8" F	3/8" M	1-2	\$23.86
8108.2126.00	MVR410-1.8 Adj. Chem. Inj. MV #0203005110	3/8" F	3/8" M	2-3	\$23.86
8108.2127.00	MVR410-2.1 Adj. Chem. Inj. MV #0203005120	3/8" F	3/8" M	3-5	\$23.86
8108.2128.00	MVR410-2.3 Adj. Chem. Inj. MV #0203005130	3/8" F	3/8" M	5-8	\$23.86
8108.9066.00	MVR420-1.6 Adj. Chem. Inj. MV #0203006100	3/8" M	3/8" F	1-2	\$23.86
8108.9155.00	MVR420-1.8 Adj. Chem. Inj. MV #0203006110	3/8" M	3/8" F	2-3	\$23.86
8108.2147.00	MVR420-2.1 Adj. Chem. Inj. MV #0203006120	3/8" M	3/8" F	3-5	\$23.86
8108.2148.00	MVR420-2.3 Adj. Chem. Inj. MV #0203006130	3/8" M	3/8" F	5-8	\$23.86



INJECTORS - Downstream


NEW

- 3200 PSI
- 200°F
- Adjustable Hose Barb
- Brass Insert

Part #	Description	Inlet	Outlet	GPM	List Price
8108.8200.00	MVR410-2.1 Adj. Chem. Inj. MV #0203005620	3/8" F	3/8" M	3-5	\$22.76
8108.8004.00	MVR400-2.1 Adj. Chem. Inj. MV #0203004620	3/8" M	3/8" M	3-5	\$22.76
8108.2559.18	Adj Hose Barb Conversion Kit MV #0203100041				\$12.33

INJECTORS - Quick Connect



- 4000 PSI Max
- 200° F Max Temp
- 3/8" Q/C Plug Inlet
- 3/8" Q/C Coupler Outlet
- Brass

Part #	Description	Size	GPM	List Price
8102.2101.00	Injector, Adjustable	2.1mm	3-5	\$21.38



- 3500 PSI Max
- 212° F Max Temp
- 3/8" Q/C Plug Inlet
- 3/8" Q/C Coupler Outlet
- Brass

Part #	Description	Size	GPM	List Price
8402.2101.00	Injector, Adjustable	1.8mm	2-3	\$11.79
8402.2102.00	Injector, Adjustable	2.1mm	3-5	\$11.79
8402.2103.00	Injector, Adjustable	2.3mm	5-8	\$11.79

KARCHER® & KEW® - Replacement Spray Accessories

GUNS - Aura 210 (Karcher)



- 7 GPM, 3100 PSI, 300° F
- Brass Valve Body
- M22M 1 "O" Ring Inlet
- M22M 2" "O" Ring Discharge
- ø 10 Hose Connection Inlet
- Karcher Direct Replacement
- Box Qty 40

Part #	Description		List Price
8107.1667.00	Karcher	A	\$76.48
8107.1668.00	1/4 FNPT Discharge	B	\$82.05
8107.1669.00	M22M/2 "O" Ring Discharge	B	\$91.78

GUNS - Astra 320 (KEW)



- 10 GPM, 4500 PSI, 300° F
- Brass Valve Body
- European Style Quick Coupling
- KEW Direct Replacement
- Box Qty 25

Part #	Gun Model	Inlet	List Price
8107.1673.00	Astra 320	1/2 G M	\$121.72
8107.1674.00	Astra 320	M22M	\$137.01
8107.1676.00	Astra 320	M22M w/Swivel	\$161.68

GUNS - Iride 280 (Karcher)



- 8 GPM, 4000 PSI, 300° F
- Brass Valve Body
- M22M 1 "O" Ring Inlet
- M22M 2 "O" Ring Discharge
- Karcher Direct Replacement
- Box Qty 30

Part #	Description	List Price
8107.1664.00	Iride 280 - Karcher w/Swivel	\$105.32

SPRAY TIP RETAINER (Karcher)



- M18x1 F Threads
- Brass & Plastic Construction
- Box Qty 25

Part #	Description	List Price
8107.3000.00	Spray Tip Retainer, Karcher	\$4.97

GUNS - Iride 280 (KEW)



- 8 GPM, 4000 PSI, 300° F
- Brass Valve Body
- European Style Quick Coupling
- KEW Direct Replacement
- Box Qty 25

Part #	Gun Model	Inlet	List Price
8107.1680.00	Iride 280	3/8 G F	\$132.84
8107.1681.00	Iride 280	1/4 G F	\$132.84
8107.1682.00	Iride 280	3/8 FNPT	\$125.52
8107.1683.00	Iride 280	1/2 G M	\$115.79
8107.1684.00	Iride 280	M22M	\$132.84
8107.1685.00	Iride 280	3/8 G F w/Swivel	\$156.77
8107.1686.00	Iride 280	M22M w/Swivel	\$156.77

PLUG - SS (KEW)



- High Grade 416 Stainless Steel
- Box Qty 25

Part #	Description	List Price
8107.1677.00	KEW Plug Standard	\$35.79

LANCES - Vented (Karcher)



- 10.5 GPM, 4100 PSI
- 300° F Max.
- M22x1.5F Swivel Inlet
- M18 M + OR Outlet
- Lance Box Qty 25

Part #	Description	List Price
8107.1295.00	Lance, Vented, 35.5", Zinc Plated	\$63.97
8107.1295.01	O-Ring, Lance Repair Kit	\$ 1.18
8107.1298.00	O-Ring, Lance Repair Kit	\$9.63

LANCES - Vented (KEW)



- 10.5 GPM, 4100 PSI
- 300° F Max.
- "Fast Connect" Inlet
- 1/4" FNPT Outlet
- Box Qty 25

Part #	Description	List Price
8107.1290.00	Lance, Vented, 27.5", Zinc Plated	\$62.94
8107.1291.00	Lance, Vented, 47.5", Zinc Plated	\$75.46
8107.1292.00	Lance, Vented, 67", Zinc Plated	\$83.44

LANCES - Dual Vented



- 10.5 GPM; 3600 PSI
- 300° F
- 1/4" Male Inlet
- 1/4" Female Outlet

Part #	Description	List Price
8108.1101.00	Dual Lance, 42" Stainless Steel MV #0202003130	\$109.00

LANCES - Dual Vented



- 10.5 GPM @ 4100 PSI
- 300° F
- 1/4" Male Inlet
- 1/4" Female Outlet
- Box Qty 120

Part #	Description	List Price
8107.1101.00	Dual Lance, 42" Stainless Steel	\$124.49

LANCES - Dual Vented



- 11 GPM @ 3600 PSI
- 300° F

Part #	Description	List Price
8108.1100.00	Lance, Vented 40" Zinc Plated MV #0202003140	\$86.65

Repair Parts-Box Qty 10

8107.1101.01	Dual Lance Repair Kit	\$42.14
8107.1101.02	Valve Kit Back-Up Ring	\$2.74
8107.1101.03	Valve Kit "O"Ring	\$1.72
8107.1101.04	Plastic Nozzle Protector	\$3.99
8107.1101.08	O-ring	\$1.83

LANCES - Dual MV 30



- 11 GPM @ 3600 PSI
- 300° F

Part #	Description	List Price
8108.8100.00	Lance, 40" Chrome Plated MV #0202003020	\$89.44

LANCES - Dual



- 10.5 GPM @ 4100 PSI
- 300° F Max.
- 1/8" Seamless Tubing
- Box Qty 15

Part #	Description	List Price
8107.1103.00	Molded Grip Economy Lance	\$96.32

LANCES - Dual



- 11 GPM @ 3600 PSI
- 300° F

Part #	Description	List Price
8108.8020.00	Gun Lance, M22M Inlet MV #0202004691	\$85.63

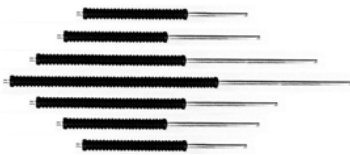
LANCES - Dual



- 10.5 GPM @ 3600 PSI
- 300° F Max.
- 1/8" Seamless Tubing

Part #	Description	List Price
8110.1101.00	Molded Grip, 36" A	\$165.53
8107.1110.00	Vented Grip, w/Trigger B	\$125.52

LANCES - Straight, Molded Grip



- Seamless, Chrome-Plated
- 10.5 GPM
- 4000 PSI
- 300° F
- Box Qty 50

Part #	Description	List Price
8102.1200.00	Lance, Molded Grip, 13"	\$6.38
8102.1201.00	Lance, Molded Grip, 18"	\$9.52
8102.1202.00	Lance, Molded Grip, 24"	\$11.29
8102.1203.00	Lance, Molded Grip, 36"	\$13.33
8102.1204.00	Lance, Molded, Split Grip, 47"	\$19.81
8102.1205.00	Lance, Molded, Split Grip, 59"	\$23.19
8102.1250.00	Lance, Single Mold, 59"	\$21.71
8102.1206.00	Lance, Molded, Split Grip, 70"	\$26.38
8102.1207.00	Lance, Molded, Split Grip, 79"	\$28.14

LANCES - Straight, Molded Grip



- MV20/B
- 11 GPM @ 4000 PSI
- 300° F

Part #	Description	List Price
8108.1200.00	Spray Lance, Molded 13" MV #0202002000	\$12.00
8108.1201.00	Spray Lance, Molded 18" MV #0202002010	\$14.49
8108.8102.00	Spray Lance, Molded 24" MV #0202002040	\$16.10
8108.1203.00	Spray Lance, Molded 36" MV #0202002060	\$20.27
8108.1204.00	Spray Lance, Molded 47" MV #0202002080	\$26.86
8108.1205.00	Spray Lance, Molded 59" MV #0202002090	\$31.69
8108.1206.00	Spray Lance, Molded 70" MV #0202002110	\$33.74
8108.1207.00	Spray Lance, Molded 79" MV #0202002100	\$40.62

LANCES - Straight, Molded Grip



- Seamless, Zinc-Plated Tubing
- 10.5 GPM, 4100 PSI
- 1/4" Male
- 212° F

Part #	Description	Box Qty	List Price
8107.1200.00	Lance, Molded, 12"	N/A	\$14.05
8107.1201.00	Lance, Molded, 18"	120	\$13.54
8107.1202.00	Lance, Molded, 24"	60	\$17.13
8107.1208.00	Lance, Molded, 27.5"	60	\$17.24
8107.1203.00	Lance, Molded, 36"	60	\$17.43
8107.1204.00	Lance, Molded, Split, 47"	40	\$26.49
8107.1206.00	Lance, Molded, Split, 70"	75	\$35.50
8107.1207.00	Lance, Molded, Split, 79"	75	\$40.25

LANCES - Straight, Molded Grip



- Seamless, Chrome-Plated
- 10.5 GPM, 4000 PSI
- 300° F

Part #	Description	Net Price
8102.1233.00	Lance, 18", 1/4" MNPS x 1/8" FNPS	\$8.86
8102.1234.00	Lance, 24", 1/4" MNPS x 1/8" FNPS	\$10.57
8102.1235.00	Lance, 36", 1/4" MNPS x 1/8" FNPS	\$13.33

LANCES - Straight, Molded Grip



- MV 55
- 11 GPM @ 4000 PSI
- 300° F

Part #	Description	List Price
8108.9047.00	Lance, 28" Molded Grip MV #0202015500	\$10.76
8108.9048.00	Lance, 36" Molded Grip MV #0202015510	\$11.93
8108.9049.00	Lance, 47" Molded Grip MV #0202015520	\$15.59
8108.9050.00	Lance, 59" Molded Grip MV #0202015530	\$17.57

LANCES - Stainless, Molded Grip



- MV20/D
- 11 GPM @ 4000 PSI
- 300° F Max

Part #	Description	List Price
8108.9045.00	Lance, 36" Molded Grip MV #0202002560	\$33.23

LANCES - Bent, Molded Grip



- 10.5 GPM, 4100 PSI
- 300° F Max.
- Nozzle Protector
- Box Qty 30

Part #	Description	List Price
8107.1270.00	Lance, Molded, 27.5", Zinc	\$20.86
8107.1271.00	Lance, Molded, 35.5", Zinc	\$21.59
8107.1272.00	Lance, Molded, 47.5", Zinc	\$30.23
8107.1273.00	Lance, Molded, 59", Zinc	\$36.89
8107.1274.00	Lance, Molded, 67", Zinc	\$37.55
8107.1275.00	Lance, Molded, 79", Zinc	\$43.84
8107.1280.00	Lance, Molded, 27.5", SS Tubing	\$31.62
8107.1281.00	Lance, Molded, 35.5", SS Tubing	\$37.18
8107.1282.00	Lance, Molded, 47.5", SS Tubing	\$49.70
8107.1283.00	Lance, Molded, 59", SS Tubing	\$58.41
8107.1284.00	Lance, Molded, 67", SS Tubing	\$63.60
8107.1285.00	Lance, Molded, 79", SS Tubing	\$72.68

LANCES - Molded Grip, Zinc, Bent



- MV 55
- 11 GPM @ 4000 PSI
- 300° F

Part #	Description	List Price
8108.9051.00	Lance, 28" Molded Grip MV #0202015600	\$10.76
8108.9052.00	Lance, 36" Molded Grip MV #0202015610	\$11.93
8108.9053.00	Lance, 47" Molded Grip MV #0202015620	\$15.59

LANCES - Molded Grip, Stainless, Bent



- MV 55
- 11 GPM @ 4000 PSI
- 300° F

Part #	Description	List Price
8108.9054.00	Lance, 28" Molded Grip MV #0202015800	\$21.74
8108.9055.00	Lance, 36" Molded Grip MV #0202015810	\$26.20
8108.9056.00	Lance, 47" Molded Grip MV #0202015820	\$33.74

LANCES - Straight, Aluminum



- 10.5 GPM
- 4100 PSI
- 300°

Part #	Description	List Price
8107.1222.00	Lance, Non-Molded 24"	\$6.22
8107.1223.00	Lance, Non-Molded 36"	\$13.47
8107.1224.00	Lance, Non-Molded 48"	\$15.74
8107.1225.00	Lance, Non-Molded 59"	\$18.60
8107.1226.00	Lance, Non-Molded 79"	\$20.12
8107.1227.00	Lance, Non-Molded 84"	\$24.49
8107.1228.00	Lance, Non-Molded 96"	\$29.03

LANCES - Straight



- 11 GPM @ 4000 PSI
- 300°

Part #	Description	List Price
8108.1210.00	Spray Lance, Non-Molded 12" MV #0113730050	\$5.42
8108.1211.00	Spray Lance, Non-Molded 18" MV #0113770000	\$5.78
8108.1212.00	Spray Lance, Non-Molded 24" MV #0113770070	\$9.15
8108.1213.00	Spray Lance, Non-Molded 36" MV #0113770080	\$12.30
8108.1214.00	Spray Lance, Non-Molded 48" MV #471111	\$17.86
8108.1216.00	Spray Lance, Non-Molded 59" MV #471112	\$23.27

LANCES - Straight, Non-Molded



- Seamless, Chrome Plated
- 10.5 GPM, 4000 PSI
- 300° F
- Box Qty 50

Part #	Description	List Price
8102.1210.00	Spray Lance, Non-Molded 12"	\$3.67
8102.1211.00	Spray Lance, Non-Molded 18"	\$5.33
8102.1212.00	Spray Lance, Non-Molded 24"	\$6.71
8102.1213.00	Spray Lance, Non-Molded 36"	\$9.62
8102.1214.00	Spray Lance, Non-Molded 47"	\$12.57
8102.1216.00	Spray Lance, Non-Molded 59"	\$16.00

LANCES - Straight, Non-Molded



- Seamless, Zinc Plated
- 10.5 GPM, 4100 PSI
- 212° F
- Box Qty 100

Part #	Description	List Price
8107.1210.00	Spray Lance, Non-Molded 12"	\$8.05
8107.1211.00	Spray Lance, Non-Molded 18"	\$8.57
8107.1212.00	Spray Lance, Non-Molded 24"	\$8.78
8107.1213.00	Spray Lance, Non-Molded 36"	\$10.98
8107.1214.00	Spray Lance, Non-Molded 47"	\$16.83
8107.1216.00	Spray Lance, Non-Molded 59"	\$17.54

LANCES - Straight, Non-Molded



- Seamless, Chrome Plated
- 10.5 GPM, 4000 PSI
- 300° F

Part #	Description	Net Price
8102.1230.00	Lance, 18", 1/4" MNPS x 1/8" FNPS	\$5.33
8102.1231.00	Lance, 24", 1/4" MNPS x 1/8" FNPS	\$6.71
8102.1232.00	Lance, 36", 1/4" MNPS x 1/8" FNPS	\$7.19

LANCES - No Grip, M22M



- 10.5 GPM, 4100 PSI
- 300° F
- M22M Inlet
- 1/4" MNPT Discharge
- Zinc Plated Steel Tubing
- **Box Qty 20**

Part #	Description	List Price
8107.1245.00	Spray Lance - No Grip, 10"	\$24.67
8107.1247.00	Spray Lance - No Grip, 31.5"	\$28.18

LANCES - Vented-S3-350



- 320° F
- 8 GPM, 5100 PSI
- Blue Insulated Grip
- Box Qty 16

Part #	Description	List Price
8116.1200.00	41" Insulated, Stainless Steel	\$135.33

LANCES - Bent, Vented Grip



- 10.5 GPM, 4100 PSI
- 300° F Max.
- 1/4" Female Discharge
- Nozzle Protector
- Box Qty 25

Part #	Description	List Price
8107.1250.00	Lance, Vented, 27.5", Zinc Plated	\$26.79
8107.1251.00	Lance, Vented, 35.5", Zinc Plated	\$32.09
8107.1252.00	Lance, Vented, 47.5", Zinc Plated	\$38.94
8107.1253.00	Lance, Vented, 59", Zinc Plated	\$44.87
8107.1254.00	Lance, Vented, 67", Zinc Plated	\$47.28
8107.1255.00	Lance, Vented, 79", Zinc Plated	\$57.40
8107.1260.00	Lance, Vented, 27.5", SS Tubing	\$40.23
8107.1261.00	Lance, Vented, 35.5", SS Tubing	\$43.11
8107.1262.00	Lance, Vented, 47.5", SS Tubing	\$60.15
8107.1263.00	Lance, Vented, 59", SS Tubing	\$63.83
8107.1264.00	Lance, Vented, 67", SS Tubing	\$69.18
8107.1265.00	Lance, Vented, 79", SS Tubing	\$80.29

LANCES - Side Handle



- For 1/4" Wands
- Durable Rubber Handle
- Non Slip Rubber

Part #	Description	List Price
8102.1248.00	Rubber Handle for 1/4" Lance	\$4.52
8102.1249.00	Rubber Handle with "C" clamp	\$4.29
8102.1247.00	Plastic Handle with "C" clamp	\$3.57

LANCES - Chrome, Vented Grip



- MV 10
- 11 GPM @ 4000 PSI
- 300° F
- 1/4" Inlet
- M22M Outlet

Part #	Description	List Price
8108.9044.00	Lance, 17", Single Seal M22 MV #0202000505	\$23.86
8108.7250.00	Lance, 17", Double Seal M22 MV #0202000500	\$27.15

LANCE - Gutter Cleaner



- 3000 PSI
- 1/4" QC Outlet

Part #	Description	List Price
8102.1653.00	Gutter Cleaner, 1/4" Plug Inlet, 7"	\$14.03
8102.1656.00	Gutter Cleaner, M22M Inlet, 29"	\$21.68

LANCES - Straight, M22



- Seamless, Chrome-Plated
- 10.5 GPM, 4000 PSI
- 300° F

Part #	Description	Net Price
8102.1657.00	Lance, 28", M22M x M22F	\$17.71

LANCES - Flex



- 194° F
- 10 GPM
- 2250 PSI

Part #	Description	List Price
8102.1900.00	Flex Lance, 18" 1/4"M x 1/4"M	\$17.70
8102.1901.00	Flex Lance, 18" 1/4"M x 1/8"F	\$17.70

LANCES - Two Piece



- Industrial Grade
- 300° F
- 10.5 GPM
- 4100 PSI
- Molded Grip
- 1/4" MPT x M22F Twist Connect
- Zinc Plated Pipe M22M x 1/4" MPT

Part #	Description	List Price
8102.4100.00	36" Two Piece Lance w/Coupler	\$27.76

LANCES - Extension



- 11 GPM @ 3000 PSI
- 300° F
- M22M Inlet
- QC 1/4" F Outlet

Part #	Description	List Price
8108.9153.00	Extension MV 161 MV #0202009550	\$30.35

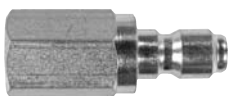
LANCES - w/Vari-Nozzle



- 2.64 GPM @ 3000 PSI
- 300° F
- 1/4" Inlet
- With Finger Protection
- Insulated Lance

Part #	Description	List Price
8108.9058.00	Lance, Insulated, 1.05 Nozzle MV #0202900660	\$33.32

LANCE - Wand Saver, Fitting



- 212° F
- 10 GPM
- 4000 PSI

Part #	Description	List Price
8402.1328.00	1/4" QC x 1/4" F	\$2.46

LANCES - Extension MV 970



Part #	Description	List Price
8108.8022.00	Bare Outlet, 3000 PSI, 140°F MV #0202905910	\$14.27
8108.8023.00	QD Outlet, 3000 PSI, 140°F MV #0202905920	\$21.59
8108.8642.00	IdroJet-No Orifice, 3000 PSI, 300°F MV #0202905901	\$37.47
8108.9060.00	Power Jet (030), 2600 PSI, 140°F MV #0202905810	\$35.78
8108.8021.00	Power Jet (035), 2600 PSI, 140°F MV #0202905720	\$40.84
8108.9154.00	Power Jet No Orifice, 2600 PSI, 140°F MV #0202905701	\$38.64

LANCES - Extensions



- 2500 PSI
- 140° F
- M22M Inlet
- Stainless Steel

Part #	Description	List Price
8108.7251.00	Lance Extension MV #0202000700	\$19.03

LANCES - Assembly



- 2500 PSI
- 140° F
- M22M Inlet
- Stainless Steel

Part #	Description	List Price
8108.7254.00	Lance, w/Power-Jet, Yellow Dot MV #0202905210	\$31.25

LANCES - 18" w/Vari-Nozzle



- 2500 PSI
- 140° F
- M22M Inlet
- 18" Lance
- Stainless Steel

Part #	Description	List Price
8108.1463.00	Lance Hi-Lo Nozzle 035 Orifice MV #0202005810	\$20.13
8108.9046.00	Lance Hi-Lo Nozzle 095 Orifice MV #0202005870	\$21.83

LANCES - Hi-Lo Turbo Nozzle



- 2.42 GPM @ 2500 PSI
- 140° F
- 1/4" Inlet
- Insulated Lance
- With Chemical Injection

Part #	Description	List Price
8108.9059.00	Nozzle, Rotating 030 MV #0202900710	\$55.09

LANCES - Extensions



- 2500 PSI
- 140° F
- M22M Inlet
- Stainless Steel

Part #	Description	List Price
8108.7252.00	Lance, 18" w/Idro-Jet Blue Dot MV #0202000740	\$43.18
8108.7253.00	Lance, 28" w/Idro-Jet No Dot MV #0202000750	\$42.96

LANCE NOZZLE - VAPJET/MT4



- Safety Lip-Hand Guard Design
- Use with MT4 Spray Guns
- M22M Inlet
- Variable Pressure & Spray Angle
- Color Coded Orifice Sizing
- 3100 PSI, 210° F
- Box Qty 20

Part #	Description	List Price
8107.1460.00	Lance, MT4, Without Nozzle	\$37.33
8107.1462.00	Nozzle MT4, 1.2mm Orifice, Yellow	\$61.55
8107.1463.00	Nozzle MT4, 1.3mm Orifice, Orange	\$61.55
8107.1464.00	Nozzle MT4, 1.4mm Orifice, Red	\$61.55
8107.1465.00	Nozzle MT4, 1.5mm Orifice, Blue	\$61.55
8107.1466.00	Nozzle MT4, 1.6mm Orifice, Grey	\$61.55
8107.1467.00	Nozzle MT4, 1.7mm Orifice, Brown	\$61.55
8107.1468.00	Nozzle MT4, 1.8mm Orifice, Green	\$61.55

*Use Chart on Page 59 for Orifice Sizing

LANCES - Telescoping

NEW STYLE



- Heavy Duty **FIBERGLASS** Pole Standard
- 194° F
- 4000 PSI

Part #	Description	List Price
8102.1001.99	Telescoping Wand, 12-foot	\$158.45
8102.1002.99	Telescoping Wand, 18-foot	\$189.20
8102.1003.99	Telescoping Wand, 24-foot	\$217.00
8102.1003.50*	Four Section, 24-foot	\$279.10
8104.1050.00	Telescoping Wand Support Belt	\$17.56

*Saves shipping cost for two or more

Part #	Repair Parts	List Price
8102.1001.01	Gun, Screw-in, New Style	\$58.52
8102.1050.01	Repair Kit for New Style Gun	\$32.02
8102.1051.00	Replacement Hose, 12', 1/4" Dia.	\$81.96
8102.1052.00	Replacement Hose, 18', 1/4" Dia.	\$100.89
8102.1053.00	Replacement Hose, 24', 1/4" Dia.	\$122.98
8102.1001.03	Pole Lock, Large	\$21.37
8102.1001.04	Pole Lock, Small	\$21.37
8102.1001.10	1/4" MNPT 8° Angled Plug	\$8.51
8102.1001.20	TW12-2 Black Sections w/ Locks	\$97.49
8102.1002.20	TW18-3 Black Sections w/ Locks	\$112.84
8102.1002.25	TW18-3 Yellow Sections w/ Locks	\$110.03
8102.1003.20	TW24-3 Black Sections w/ Locks	\$139.85
8102.1003.25	TW24-3 Yellow Sections w/ Locks	\$204.57

LANCES - Telescoping

OLD STYLE

**Please specify old or new style
when ordering replacement parts**



Part #	Repair Parts	List Price
8102.1050.00	Gun, Glue-on, Old Style	\$63.51
8102.1050.01	Repair Kit for 6040 Trigger Gun	\$32.02
8102.1054.00	Pole Lock, Large	\$21.37
8102.1055.00	Pole Lock, Small	\$21.37
8102.1056.00	1/4" MNPT 8° Angled Plug	\$6.96

LANCES - Telescoping



- Light Weight **ALUMINUM** Poles
- 200° F • 4000 PSI
- Includes Support Belt (Aluminum only)

Part #	Description	List Price
8102.1004.00	Aluminum Wand, 18-foot	\$357.00
8102.1005.00	Aluminum Wand, 24-foot	\$396.00

Part #	Repair Parts	List Price
8102.1004.01	Replacement Trigger Gun	\$53.76
8102.1602.01	Repair Kit for Trigger Gun	\$11.55
8102.1052.00	Replacement Hose, 18', 1/4" Dia.	\$100.89
8102.1053.00	Replacement Hose, 24', 1/4" Dia.	\$122.98
8102.1004.06	Pole Lock, Large	\$25.84
8102.1004.05	Pole Lock, Small	\$25.84
8102.1004.02	Lance, Front	\$12.38
8102.1004.03	1/4" MNPT 8° Angled Plug	\$9.24
8102.1004.10	18' Wand Sections	\$136.14
8102.1005.10	24' Wand Sections	\$149.24

NOZZLE - Protector



Part #	Description	List Price
8108.8002.00	Nozzle Protector MV #0183740020	\$2.34

NOZZLE - Protector



- 4500 PSI
- 300° F

Part #	Description	List Price
8108.9159.00	Nozzle, 1/4" Inlet, 1/8" Outlet MV #0183000000	\$4.46
8402.1452.00	Nozzle, 1/4" Inlet, 1/4" Outlet MV #0183000010	\$2.06

NOZZLE - Protector MV 114



- 4500 PSI
- 300° F

Part #	Description	List Price
8108.9151.00	Nozzle, 1/4" Inlet, 1/4" Outlet MV #0183000020	\$4.68

NOZZLE - Protector Kit M18



- 3600 PSI
- 300° F
- 1/4" Inlet

Part #	Description	List Price
8108.9024.00	Karcher Nozzle Holder MV #0183000080	\$10.25

NOZZLE - Tip Holder, Adjustable



- 1/4" FNPT Threading
- Pressure Adjustment for Chemical Application
- 3600 PSI Max.
- 300° Max.
- Box Qty 25

Part #	Description	List Price
8107.1450.00	Spray Tip Holder w/o Protector	\$23.64
8107.1451.00	Spray Tip Holder with Protector	\$27.15

NOZZLE - Adjustable



- 3000 PSI
- 300° F

Part #	Description	List Price
8108.9072.00	Nozzle, 1/4" Inlet, 1/4" Outlet MV #0204001210	\$19.76

NOZZLE - Chemical & Soap



- Low Pressure
- Chemical Nozzle

Part #	Description	List Price
8107.3120.00	Nozzle 1/4" NPT 40°, #50, Brass	\$5.67
8113.3160.00	Nozzle 1/4" QC, 65°, #40, Brass	\$4.74
8113.3162.00	Nozzle 1/4" QC, 65°, #40, Plastic	\$3.02
8102.2610.00	Nozzle 1/4" NPT 40°, #30, Brass	\$3.37

NOZZLES - IdroJet



- 3000 PSI
- 300° F
- Finger Protection

Part #	Description	List Price
8108.9067.00	Nozzle, 1.05 MV #0204001005	\$30.08
8108.9068.00	Nozzle, 1.10 MV #0204001010	\$30.08
8108.9069.00	Nozzle, 1.20 MV #0204001020	\$30.08
8108.9070.00	Nozzle, 1.30 MV #0204001030	\$30.08
8108.9071.00	Nozzle, 1.35 MV #0204001035	\$30.08

NOZZLE KIT - QC 5 Pack



Part #	Description	List Price
8113.1030.99	Nozzle Kit 030	\$28.84
8113.1035.99	Nozzle Kit 035	\$28.84
8113.1040.99	Nozzle Kit 040	\$28.84
8113.1045.99	Nozzle Kit 045	\$28.84
8113.1050.99	Nozzle Kit 050	\$28.84
8113.1055.99	Nozzle Kit 055	\$28.84
8113.1060.99	Nozzle Kit 060	\$28.84
8113.1065.99	Nozzle Kit 065	\$28.84
8113.1070.99	Nozzle Kit 070	\$28.84

NOZZLES - QC & Meg



- High Grade Stainless Steel
- 1/4" QC Plug or Meg Connector



Part #	Description	List Price
8113.1XXX.YY	Quick Disconnect Spray Nozzle	\$6.27
8114.1XXX.YY	Meg Spray Nozzle	\$6.27

*Complete Above Part # Using Table

NOZZLES - QC & Meg



- Ceramic Orifice
- 1/4" QC Plug or Meg Connector



Part #	Description	List Price
8113.31XX.00	Quick Disconnect Spray Nozzle	\$9.13
8114.30XX.00	Meg Spray Nozzle	\$8.61

*Complete Above Part # Using Table

**Other sizes available upon request (020, 025, 065-150)

Orifice	0° Red	15° Yellow	25° Green	40° White
2.0	1020.00	1020.15	1020.25	1020.40
2.5	1025.00	1025.15	1025.25	1025.40
3.0	1030.00	1030.15	1030.25	1030.40
3.5	1035.00	1035.15	1035.25	1035.40
4.0	1040.00	1040.15	1040.25	1040.40
4.5	1045.00	1045.15	1045.25	1045.40
5.0	1050.00	1050.15	1050.25	1050.40
5.5	1055.00	1055.15	1055.25	1055.40
6.0	1060.00	1060.15	1060.25	1060.40
6.5	1065.00	1065.15	1065.25	1065.40
7.0	1070.00	1070.15	1070.25	1070.40
7.5	1075.00	1075.15	1075.25	1075.40
8.0	1080.00	1080.15	1080.25	1080.40
8.5	1085.00	1085.15	1085.25	1085.40
9.0	1090.00	1090.15	1090.25	1090.40
9.5	1095.00	1095.15	1095.25	1095.40
10.0	1100.00	1100.15	1100.25	1100.40

Orifice	0° Red	15° Yellow	25° Green	40° White
3.0	3X08.00	3X09.00	3X10.00	3X11.00
3.5	3X12.00	3X13.00	3X14.00	3X15.00
4.0	3X16.00	3X17.00	3X18.00	3X19.00
4.5	3X20.00	3X21.00	3X22.00	3X23.00
5.0	3X24.00	3X25.00	3X26.00	3X27.00
5.5	3X28.00	3X29.00	3X30.00	3X31.00
6.0	3X32.00	3X33.00	3X34.00	3X35.00

NOZZLES - Rotating Compact



- 3000 PSI
- 210° F

Part #	Description	List Price
8108.8453.00	Nozzle, 025 MV #0204005610	\$60.38
8108.8450.00	Nozzle, 030 MV #0204005620	\$60.38
8108.8451.00	Nozzle, 035 MV #0204005630	\$60.38
8108.8452.00	Nozzle, 040 MV #0204005640	\$60.38

NOZZLES - Rotating w/Controller



- 5000 PSI
- 200° F
- With Speed Control

Part #	Description	List Price
8108.9073.00	Nozzle, 030 MV #0204006000	\$325.70
8108.9074.00	Nozzle, 035 MV #0204006005	\$325.70
8108.9075.00	Nozzle, 040 MV #0204006010	\$325.70
8108.9076.00	Nozzle, 045 MV #0204006015	\$325.70
8108.9077.00	Nozzle, 050 MV #0204006020	\$325.70
8108.9078.00	Nozzle, 055 MV #0204006025	\$325.70

Nozzle w/Controller Repair Kits



8108.9101.00	Nozzle, 035 Kit MV #0204106005	\$208.26
8108.9102.00	Nozzle, 040 Kit MV #0204106010	\$208.26
8108.9103.00	Nozzle, 045 Kit MV #0204106015	\$208.26
8108.9104.00	Nozzle, 050 Kit MV #0204106020	\$208.26

NOZZLES - Rotating 2500



- Economy Rotating Nozzle
- 2500 PSI
- 140°F Max Temp
- 1/4" FPT Inlet

Part #	Description	Color	List Price
8111.1444.00	ROTOJET 025 Orifice MV #0204007900	Lt. Green	\$40.20
8111.1440.00	ROTOJET 030 Orifice MV #0204007910	Yellow	\$40.20
8111.1441.00	ROTOJET 035 Orifice MV #0204007920	Black	\$40.20
8111.1442.00	ROTOJET 040 Orifice MV #0204007930	Blue	\$40.20
8111.1443.00	ROTOJET 045 Orifice MV #0204007940	Dk. Green	\$40.20

NOZZLES - Rotating 3700 PSI



- Concentrated Straight Stream in a Conical Pattern
- 3600 PSI, 210° F Max.
- 1/4" FPT Inlet

Part#	Description	Orifice	List Price
8111.1429.00	ROTOJET 3600-030 MV #0204007320	030	\$93.00
8111.1430.00	ROTOJET 3600-035 MV #0204007330	035	\$93.00
8111.1431.00	ROTOJET 3600-040 MV #0204007340	040	\$93.00
8111.1432.00	ROTOJET 3600-045 MV #0204007350	045	\$93.00
8111.1433.00	ROTOJET 3600-050 MV #0204007360	050	\$93.00
8111.1434.00	ROTOJET 3600-055 MV #0204007370	055	\$93.00
8111.1435.00	ROTOJET 3600-060 MV #0204007380	060	\$93.00
8108.9092.00	ROTOJET 3600-065 MV #0204007390	065	\$93.00
8108.9093.00	ROTOJET 3600-070 MV #0204007400	070	\$93.00
8111.1436.00	ROTOJET 3600-080 MV #0204007420	080	\$93.00
8111.1430.02	Black Cover MV #0183740130		\$13.96

ROTOJET 3600 Repair Kits



Part #	Description	List Price
8111.1429.01	ROTOJET 3600-030 Kit MV #0204107320	\$70.85
8111.1430.01	ROTOJET 3600-035 Kit MV #0204107330	\$70.85
8111.1431.01	ROTOJET 3600-040 Kit MV #0204107340	\$70.85
8111.1432.01	ROTOJET 3600-045 Kit MV #0204107350	\$70.85
8111.1433.01	ROTOJET 3600-050 Kit MV #0204107360	\$70.85
8111.1434.01	ROTOJET 3600-055 Kit MV #0204107370	\$70.85
8111.1435.01	ROTOJET 3600-060 Kit MV #0204107380	\$70.85
8108.9111.00	ROTOJET 3600-065 Kit MV #0204107390	\$70.85
8108.9112.00	ROTOJET 3600-070 Kit MV #0204107400	\$70.85
8111.1436.01	ROTOJET 3600-080 Kit MV #0204107420	\$70.85

NOZZLES - Rotating 4500 PSI



- Concentrated Straight Stream in a Conical Pattern
- 4500 PSI, 210° F Max.
- FPT Inlet

NOZZLES - Rotating 5800 PSI



- Concentrated Straight Stream in a Conical Pattern
- 5800 PSI, 200° F Max.
- 1/4" FPT Inlet

Part#	Description	Orifice	List Price
8111.1456.00	ROTOJET 4500-030 MV #0204006500	030	\$123.00
8111.1457.00	ROTOJET 4500-035 MV #0204006505	035	\$123.00
8111.1450.00	ROTOJET 4500-040 MV #0204006510	040	\$123.00
8108.9113.00*	ROTOJET 4500-040 MV #0204906510	040	\$126.10
8111.1451.00	ROTOJET 4500-045 MV #0204006515	045	\$123.00
8111.1452.00	ROTOJET 4500-050 MV #0204006520	050	\$123.00
8111.1453.00	ROTOJET 4500-055 MV #0204006525	055	\$123.00
8111.1454.00	ROTOJET 4500-060 MV #0204006530	060	\$123.00
8108.9083.00	ROTOJET 4500-065 MV #0204006535	065	\$123.00
8111.1455.00	ROTOJET 4500-070 MV #0204006540	070	\$123.00

Part #	Description	Orifice	List Price
8111.1400.00	ROTOJET 5800-030 MV #0204006900	030	\$203.00
8111.1401.00	ROTOJET 5800-035 MV #0204006905	035	\$203.00
8111.1402.00	ROTOJET 5800-040 MV #0204006910	040	\$203.00
8111.1403.00	ROTOJET 5800-045 MV #0204006915	045	\$203.00
8111.1404.00	ROTOJET 5800-050 MV #0204006920	050	\$203.00
8111.1405.00	ROTOJET 5800-055 MV #0204006925	055	\$203.00
8111.1406.00	ROTOJET 5800-060 MV #0204006930	060	\$203.00
8108.9087.00	ROTOJET 5800-065 MV #0204006935	065	\$203.00
8111.1407.00	ROTOJET 5800-070 MV #0204006940	070	\$203.00
8108.9088.00	ROTOJET 5800-075 MV #0204006945	075	\$203.00
8111.1408.00	ROTOJET 5800-080 MV #0204006950	080	\$203.00
8111.1410.00	ROTOJET 5800-090 MV #0204006960	090	\$203.00
8111.1411.00	ROTOJET 5800-100 MV #0204006970	100	\$203.00
8111.1412.00	ROTOJET 5800-110 MV #0204006980	110	\$203.00
8111.1409.00	ROTOJET 5800-120 MV #0204006990	120	\$203.00
8108.7001.00	ROTOJET 5800-140 MV #0204007010	140	\$256.00
8111.1413.00	ROTOJET 5800-150 MV #0204007020	150	\$256.00
8108.9089.00*	ROTOJET 5800-150 MV #0204007021	150	\$256.00
8108.9090.00	ROTOJET 5800-200 MV #0204007070	200	\$256.00

*Includes QC plug

ROTOJET 4500 Repair Kits



Part #	Description	List Price
8111.1456.01	ROTOJET 4500-030 Kit MV #0204106500	\$90.62
8111.1457.01	ROTOJET 4500-035 Kit MV #0204106505	\$90.62
8111.1450.01	ROTOJET 4500-040 Kit MV #0204106510	\$90.62
8111.1451.01	ROTOJET 4500-045 Kit MV #0204106515	\$90.62
8111.1452.01	ROTOJET 4500-050 Kit MV #0204106520	\$90.62
8111.1453.01	ROTOJET 4500-055 Kit MV #0204106525	\$90.62
8111.1454.01	ROTOJET 4500-060 Kit MV #0204106530	\$90.62
8108.9105.00	ROTOJET 4500-065 Kit MV #0204106535	\$90.62
8111.1455.01	ROTOJET 4500-070 Kit MV #0204106540	\$90.62

*25 DEGREE





Gallons per Minute
Nozzle Size

PSI	030	035	040	045	050	055	060	070	080	120
3000	2.60	3.03	3.46	3.90	4.33	4.76	5.20	6.06	6.96	10.39
4000	3.00	3.50	4.00	4.50	5.00	5.50	6.00	7.00	8.00	12.00
5000	3.35	3.91	4.47	5.03	5.59	6.15	6.71	7.83	8.94	13.42

NOZZLES - Kits 5800 PSI

ROTOJET 5800 Repair Kits



Part #	Description	List Price
8111.1400.01	ROTOJET 5800-030 Kit MV #0204106900	\$96.27
8111.1401.01	ROTOJET 5800-035 Kit MV #0204106905	\$96.27
8111.1402.01	ROTOJET 5800-040 Kit MV #0204106910	\$96.27
8111.1403.01	ROTOJET 5800-045 Kit MV #0204106915	\$96.27
8111.1404.01	ROTOJET 5800-050 Kit MV #0204106920	\$96.27
8111.1405.01	ROTOJET 5800-055 Kit MV #0204106925	\$96.27
8111.1406.01	ROTOJET 5800-060 Kit MV #0204106930	\$96.27
8108.9107.00	ROTOJET 5800-065 Kit MV #0204106935 	\$96.27
8111.1407.01	ROTOJET 5800-070 Kit MV #0204106940	\$96.27
8108.9108.00	ROTOJET 5800-075 Kit MV #0204106945 	\$96.27
8111.1408.01	ROTOJET 5800-080 Kit MV #0204106950	\$96.27
8111.1410.01	ROTOJET 5800-090 Kit MV #0204106960	\$96.27
8111.1411.01	ROTOJET 5800-100 Kit MV #0204106970	\$96.27
8111.1412.01	ROTOJET 5800-110 Kit MV #0204106980	\$96.27
8111.1409.01	ROTOJET 5800-120 Kit MV #0204106990	\$96.27
8111.1413.01	ROTOJET 5800-150 Kit MV #0204107020	\$147.79
8108.9109.00	ROTOJET 5800-200 Kit MV #0204107070 	\$128.08
8108.9004.00	Cover MV #0103740000 	\$9.08

NOZZLES - Rotating UR25



- 3650 PSI, 212° F Max.
- 7.7 GPM Max.
- 1/4" F Inlet
- Box Qty 5

Part #	Description	Orifice	List Price
8116.1430.50	UR25 Replacement Cover		\$16.94
8116.1430.00	UR Nozzle 3650-030	030	\$98.80
8116.1431.00	UR Nozzle 3650-035	035	\$98.80
8116.1432.00	UR Nozzle 3650-040	040	\$98.80
8116.1433.00	UR Nozzle 3650-045	045	\$98.80
8116.1434.00	UR Nozzle 3650-050	050	\$98.80
8116.1435.00	UR Nozzle 3650-055	055	\$98.80
8116.1436.00	UR Nozzle 3650-060	060	\$98.80
8116.1437.00	UR Nozzle 3650-065	065	\$98.80
8116.1438.00	UR Nozzle 3650-070	070	\$98.80
8116.1439.00	UR Nozzle 3650-080	080	\$98.80

NOZZLES - Rotating UR32



- 5100 PSI, 212° F Max.
- 9.0 GPM Max.
- 1/4" F Inlet
- Box Qty 5

Part #	Description	Orifice	List Price
8116.1450.50	UR32 Replacement Cover		\$16.94
8116.1450.00	UR Nozzle 5100-030	030	\$139.90
8116.1451.00	UR Nozzle 5100-035	035	\$139.90
8116.1452.00	UR Nozzle 5100-040	040	\$139.90
8116.1453.00	UR Nozzle 5100-045	045	\$139.90
8116.1454.00	UR Nozzle 5100-050	050	\$139.90
8116.1455.00	UR Nozzle 5100-055	055	\$139.90
8116.1456.00	UR Nozzle 5100-060	060	\$139.90
8116.1457.00	UR Nozzle 5100-065	065	\$139.90
8116.1458.00	UR Nozzle 5100-070	070	\$139.90
8116.1459.00	UR Nozzle 5100-080	080	\$139.90

UR Nozzle Repair Kits

Part #	Description	List Price
8116.1430.01	UR Nozzle Repair Kit 030	\$69.32
8116.1431.01	UR Nozzle Repair Kit 035	\$69.32
8116.1432.01	UR Nozzle Repair Kit 040	\$69.32
8116.1433.01	UR Nozzle Repair Kit 045	\$69.32
8116.1434.01	UR Nozzle Repair Kit 050	\$69.32
8116.1435.01	UR Nozzle Repair Kit 055	\$69.32
8116.1436.01	UR Nozzle Repair Kit 060	\$69.32
8116.1437.01	UR Nozzle Repair Kit 065	\$69.32
8116.1438.01	UR Nozzle Repair Kit 070	\$69.32
8116.1439.01	UR Nozzle Repair Kit 080	\$69.32

NOZZLES - Rotating



- 7250 PSI
- 210° F

Part #	Description	List Price
8108.8460.00	Nozzle, 030 MV #0204006800	\$1302.79
8108.8460.01	Repair Kit, Nozzle, 030 MV #0204106800	\$657.93
8108.9084.00	Nozzle, 050 MV #0204006820	\$1302.79
8108.9084.01	Repair Kit, Nozzle, 050 MV #0204106820	\$657.93
8108.9085.00	Nozzle, 070 MV #0204006840	\$1302.79
8108.9085.01	Repair Kit, Nozzle, 070 MV #0204106840	\$657.93
8108.9086.00	Nozzle, 080 MV #0204006850	\$1749.25
8108.9086.01	Repair Kit, Nozzle, 080 MV #0204106850	\$1129.22

NOZZLES - Rotating Rotomax™



- 200° F Max. Temp.
- 1/4" FPT Inlet
- See Descriptions for Sizing

Part #	Description	List Price
8110.1401.00	(Red) 2.1-2.6 GPM, 1300-2000PSI	\$185.00
8110.1402.00	(Blue) 2.9-4.0 GPM, 1450-3500PSI	\$185.00
8110.1403.00	(Black) 4.5-5.5 GPM, 1450-3500PSI	\$185.00

NOZZLES - Sewer



- 4100 PSI
- Stainless Steel
- Forward Blast to Clear Debris
- Backward Blast to Flush

Part #	Description	List Price
8402.3010.00	1/4 FPT Size #4.5	\$6.33
8402.3011.00	1/4 FPT Size #6.5	\$6.33
8402.3012.00	1/4 FPT Size #11	\$6.33
8402.3110.00	1/8 FPT Size #4.5	\$4.76
8402.3111.00	1/8 FPT Size #6.5	\$4.76
8402.3112.00	1/8 FPT Size #11	\$4.76

NOZZLES - Rotating Soft/Hard



- 3700 PSI
- 200° F
- Cleans Soft and Hard Surfaces

Part #	Description	List Price
8108.9079.00	Nozzle, 030 MV #0204006120	\$107.96
8108.9080.00	Nozzle, 035 MV #0204006130	\$107.96
8108.9081.00	Nozzle, 040 MV #0204006140	\$107.96
8108.9082.00	Nozzle, 045 MV #0204006150	\$107.96

NOZZLES - Rotating Hi/Lo Turbo



- 2500 PSI
- 140° F
- Hi-Lo for Chemical Injection

Part #	Description	List Price
8108.9097.00	Nozzle, 025 MV #0204009000	\$56.12
8108.9098.00	Nozzle, 030 MV #0204009010	\$56.12
8108.9099.00	Nozzle, 035 MV #0204009020	\$56.12
8108.8490.00	Nozzle, 040 MV #0204009030	\$56.12
8108.8491.00	Nozzle, 045 MV #0204009040	\$56.12

NOZZLES - Steam



- 1470 PSI
- 1.5mm Orifice
- 1/4" BSP Inlet
- Brass

Part #	Description	List Price
8102.2620.00	Steam Nozzle	\$13.93

NOZZLES - Triple Function



- 3000 PSI
- 210° F
- Rotating
- High Pressure 15°
- Low pressure for Chemical Injection

Part #	Description	List Price
8108.9100.00	Nozzle, 035 MV #0204009200	\$180.49
8108.8495.00	Nozzle, 040 MV #0204009210	\$180.49

NOZZLE - VAPJET



- Variable Pressure
- Variable Spray Angle
- 1/4" FPT Threading
- 3100 PSI, 210° F
- Safety Lip Hand Guard Design
- Box Qty 25

Part #	Description	List Price
8107.1401.00	VAPJET, 1.1 mm Orifice, White	\$37.03
8107.1402.00	VAPJET, 1.2 mm Orifice, Yellow	\$37.03
8107.1403.00	VAPJET, 1.3 mm Orifice, Orange	\$37.03
8107.1404.00	VAPJET, 1.4 mm Orifice, Red	\$37.03
8107.1406.00	VAPJET, 1.6 mm Orifice, Grey	\$37.03
8107.1407.00	VAPJET, 1.7 mm Orifice, Brown	\$37.03
8107.1408.00	VAPJET, 1.8 mm Orifice, Green	\$37.03

*Use Chart on Page 41 for Orifice Sizing

NOZZLES - Vari Hi/Lo

- Twist Action Spray Angle Adjustment
- Push/Pull Pressure Adjustment
- 3000 PSI Max.
- 300° F Max.
- See chart bottom of previous page for sizing



Part #	Description	List Price
8108.1419.00	HiLo Nozzle Replacement Body MV #0204200040	\$25.74

Part #	Description	List Price
8108.1420.00	HiLo, 1.05 mm Orifice, Yellow Dot MV #0204008000	\$27.89
8108.1421.00	HiLo, 1.10 mm Orifice, White Dot MV #0204008010	\$27.89
8108.1422.00	HiLo, 1.15 mm Orifice, Red Dot MV #0204008020	\$27.89
8108.1423.00	HiLo, 1.20 mm Orifice, Blue Dot MV #0204008030	\$27.89
8108.1424.00	HiLo, 1.25 mm Orifice, Brown Dot MV #0204008040	\$27.89
8108.1425.00	HiLo, 1.30 mm Orifice, Orange Dot MV #0204008050	\$27.89
8108.1426.00	HiLo, 1.35 mm Orifice, Green Dot MV #0204008060	\$27.89
8108.1427.00	HiLo, 1.40 mm Orifice, Lt. Blue Dot MV #0204008070	\$27.89
8108.1428.00	HiLo, 1.45 mm Orifice, Black Dot MV #0204008080	\$27.89
8108.1429.00	HiLo, 1.50 mm Orifice, Gray Dot MV #0204008090	\$27.89
8108.1430.00	HiLo, 1.60 mm Orifice, Dk. Grn Dot MV #0204008100	\$27.89

ORIFICES - VapJet & IdroJet

Replacement Orifices

Part #	Description	List Price
8108.1420.01	1.05 mm IdroJet Orifice MV #0124720290	\$2.45
8108.1421.01	1.10 mm IdroJet Orifice MV #0124720080	\$2.45
8108.1422.01	1.15 mm IdroJet Orifice MV #0124720170	\$2.45
8108.1423.01	1.20 mm IdroJet Orifice MV #0124720090	\$2.45
8108.1424.01	1.25 mm IdroJet Orifice MV #0124720150	\$2.45
8108.1425.01	1.30 mm IdroJet Orifice MV #0124720100	\$2.45
8108.1426.01	1.35 mm IdroJet Orifice MV #0124720180	\$2.45
8108.1427.01	1.40 mm IdroJet Orifice MV #0124720110	\$2.45
8108.1428.01	1.45 mm IdroJet Orifice MV #01247200260	\$2.45
8108.1429.01	1.50 mm IdroJet Orifice MV #0124720120	\$2.45
8108.1430.01	1.60 mm IdroJet Orifice MV #0124720130	\$2.45

DOTS - For VapJet & IdroJet

Replacement Color Dots

Part #	Description	List Price
8108.1420.02	Yellow Dot for 1.05mm MV #0105740000	\$0.16
8108.1421.02	White Dot for 1.10mm MV #0105740010	\$0.16
8108.1422.02	Red Dot for 1.15mm MV #0105740020	\$0.16
8108.1423.02	Blue Dot for 1.20mm MV #0105740030	\$0.16
8108.1424.02	Brown Dot for 1.25mm MV #0105740050	\$0.16
8108.1425.02	Orange Dot for 1.30mm MV #0105740060	\$0.16
8108.1426.02	Green Dot for 1.35mm MV #0105740040	\$0.16
8108.1427.02	Lt. Blue Dot for 1.40mm MV #0105740070	\$0.16
8108.1428.02	Black Dot for 1.45mm MV #0105740080	\$0.16
8108.1429.02	Gray Dot for 1.50mm MV #0105740090	\$0.16
8108.1430.02	Dk. Green Dot for 1.60mm MV #0105740110	\$0.16

NOZZLES - Variable



- 300° F
- 3000 PSI
- 1/4" Inlet
- With Inscriptions

Part #	Description	List Price
8108.9094.00	Nozzle, .27, Violet MV #0204008800	\$29.86
8108.9095.00	Nozzle, .30, Yellow MV #0204008805	\$29.86
8108.9096.00	Nozzle, .35, White MV #0204008810	\$29.86
8108.8401.00	Orifice, .27 MV #0124720280	\$2.45
8108.9005.00	Dot, Violet MV #0105740100	\$0.17

NOZZLES - Variable



- 3000 PSI
- 300°F Max Temp
- 1/4" F Inlet

Part #	Description	List Price
8108.8480.00	Vari Nozzle, 1.10 MV #0204008510	\$22.54

OIL - Pump Oil



- Specially Formulated for use in all High-Pressure Industrial Piston Pumps
- Universal Tractor Transmission Oil (UTTO)

Part #	Description	List Price
8102.1801.00	Pump Oil, 32 oz. Bottle	\$9.57
8102.1802.00	Pump Oil, Case of 12 Bottles	\$114.53

Comet Industrial Pump Oil is a specially formulated non-detergent, non-foaming oil, which is AW100 rated for superior oxidation protection. Comet recommends changing pump oil after the initial 50 hours of operation and every 300 hours thereafter.

Part #	Description	List Price
8102.1811.00	HPP Pump Oil, 5 Gal. Bottle	\$86.06
8102.1812.00	HPP Pump Oil, Case of 2 Bottles	\$172.07

PACKING EXTRACTOR KIT



- For Comet™ Pumps
- Slide Hammer

Part #	Description	List Price
0899.0004.00	Extractor Tool, 15 & 18mm	\$140.75
0899.0005.00	Extractor Tool, 20, 22 & 25mm	\$139.43
0899.0006.00	Extractor Hammer	\$161.32
0899.0007.00	Extractor Kit	\$417.98

NOZZLE		Pressure - PSI											Gallons Per Minute
#	Dia. MM	600	700	800	900	1000	1200	1500	1800	2000	2500	3000	
027	1.00	1.10	1.16	1.25	1.30	1.35	1.47	1.67	1.82	1.93	2.18	2.37	
030	1.05	1.22	1.30	1.37	1.45	1.52	1.66	1.86	2.04	2.16	2.42	2.64	
035	1.10	1.35	1.43	1.52	1.60	1.68	1.84	2.06	2.26	2.39	2.67	2.91	
037	1.15	1.55	1.63	1.72	1.80	1.88	2.03	2.25	2.46	2.59	2.90	3.17	
040	1.20	1.60	1.70	1.80	1.90	2.00	2.19	2.45	2.69	2.84	3.17	3.44	
043	1.25	1.72	1.83	1.94	2.05	2.16	2.36	2.64	2.90	3.06	3.41	3.70	
046	1.30	1.85	1.97	2.09	2.21	2.32	2.54	2.84	3.12	3.29	3.66	3.96	
050	1.35	1.97	2.10	2.23	2.36	2.48	2.71	3.04	3.34	3.52	3.92	4.23	
053	1.40	2.09	2.23	2.37	2.51	2.63	2.89	3.23	3.55	3.74	4.16	4.49	
056	1.45	2.22	2.37	2.52	2.66	2.80	3.06	3.43	3.77	3.97	4.41	4.76	
060	1.50	2.34	2.50	2.66	2.81	2.96	3.24	3.63	3.99	4.20	4.66	5.02	
065	1.60	2.52	2.72	2.91	3.08	3.25	3.56	3.98	4.36	4.60	5.14	5.63	

PACKING INSERTION KIT



- Increase Efficiency in Pump Repair
- Industrial Grade Materials

Part #	Description	List Price
3335.0023.00	Packing Kit LW, ZW, FW & HW	\$563.00
3335.0024.00	Tool Kit AXD	\$1100.00

Parts for AXD Tool Kit:

3335.0025.00	Insertion Tool, Front packing	\$110.96
3335.0026.00	Bushing Tool, Front Packing	\$184.75
3335.0027.00	Base	\$184.75
3335.0028.00	Internal Bushing, Back Packing	\$364.78
3335.0029.00	External Bushing, Back Packing	\$92.38
3335.0030.00	Insertion Tool N1, Back Packing	\$184.75
3335.0031.00	Insertion Tool N2, Back Packing	\$184.75

PULSATION DAMPENERS



- 3100 PSI Max.
- 580 PSI Precharge
- 180° F
- Box Qty 10

Part #	Description	List Price
8107.3200.00	Accumulator, .02 Gal., 3/8" FPT	\$178.40
8107.3201.00	Accumulator, .09 Gal., 1/2" FPT	\$193.70
8107.3202.00	Accumulator, .09 Gal., 3/8" FPT	\$193.70

SAND BLASTER - Wet, Industrial



- 10 GPM Maximum
- 3 GPM Minimum
- Up to 3500 PSI use 15° tip
- 3500-5500 PSI use 0° tip
- 1500 PSI Minimum Working Pressure

Part #	Description	List Price
8103.1901.00	Wet Sand Blast Kit, Complete	\$250.00
8103.1902.00	Sand Probe	\$17.30
8103.1903.00	Tungsten Carbide Nozzle	\$128.38
8103.1904.00	Mixing Head	\$111.67
8103.1913.00	Tip Adapter	\$3.66
8103.1906.00	1/4" Male Plug	\$4.64
8103.1907.00	3/4" Hose Barb	\$8.93
8103.1908.00	5/16" x 1" Thumb Screw	\$7.08
8103.1909.00	3/4" Hose Clamp	\$2.62
8103.1910.00	3/4" Suction Hose (25 ft.)	\$84.82
8103.1911.00	Sandmiser Valve	\$4.50

SAND BLASTER - Commercial



- 11 GPM @ 3600 PSI
- 200° F

Part #	Description	List Price
8108.1901.00	TS33-1.4 Head Assy 1.4 mm MV #0204005020	\$127.86
8108.1903.00	TS33-1.6 Head Assy 1.6 mm MV #0204005040	\$127.86
8108.1905.00	Sand Blast Suction Tube MV #0213000000	\$17.33
8108.1900.02	Pressure Nozzle, 1.2 mm MV #0124720310	\$7.22
8108.1901.02	Pressure Nozzle, 1.4 mm MV #0124720320	\$7.22
8108.1902.02	Pressure Nozzle, 1.5 mm MV #0124720330	\$7.22
8108.1903.02	Pressure Nozzle, 1.6 mm MV #0124720330	\$7.22
8108.1900.01	Alignment Nozzle, 1.2 mm MV #0124710250	\$6.19
8108.1901.01	Alignment Nozzle, 1.4 mm MV #0124710260	\$6.19
8108.1902.01	Alignment Nozzle, 1.5 mm MV #0124710270	\$6.19
8108.1903.01	Alignment Nozzle, 1.6 mm MV #0124710280	\$6.19
8108.1906.00	Carbide Insert MV #0124700000	\$85.71

SLUDGE PUMPS-Industrial



- Extremely High Suction-35' of Lift
- +25% More Flow
- 300' Transfer
- 3/4" Diameter

*****Sludge Pump and Nozzle sold separately*****

Order nozzle(s) **B** with Sludge pump **A**

Part #	Description	List Price
8000.5001.00	Sludge Pump without Nozzle A	\$328.58
8000.5001.35	Nozzle 035 B	\$15.40
8000.5001.40	Nozzle 040 B	\$15.40
8000.5001.45	Nozzle 045 B	\$15.40
8000.5001.50	Nozzle 050 B	\$15.40
8000.5001.55	Nozzle 055 B	\$15.40
8000.5001.60	Nozzle 060 B	\$15.40

SLUDGE PUMPS



- 3600 PSI
- 140° F Max.
- Hose ID 35mm

Part #	Description	List Price
8000.4000.35	Sludge Pump, 035 Nozzle MV #0213000500	\$138.70
8000.4000.40	Sludge Pump, 040 Nozzle No MV #	\$138.70
8000.4001.40	Nozzle, 040 No MV #	\$12.61
8000.4000.45	Sludge Pump, 045 Nozzle MV #0213000510	\$138.70
8000.4000.46	Nozzle, 045 MV #0124710430	\$8.78
8108.9132.00	Sludge Pump, 045 w/o Hose MV #0213000610	\$79.78
8000.4000.50	Sludge Pump, 050 Nozzle MV #0213000520	\$138.70
8000.4000.55	Sludge Pump, 055 Nozzle MV #0213000530	\$138.70
8000.4000.56	Nozzle, 055 MV #0124710450	\$8.78
8108.9133.00	Sludge Pump, 055 w/o Hose MV #0213000630	\$79.78
8000.4000.60	Sludge Pump, 060 Nozzle MV #0213000540	\$138.70

SURFACE CLEANER – Floor



- 11 GPM @ 3600 PSI
- 300° F
- Heavy Duty Swivel
- Double Row Ball Bearing

Nozzles not included

Part #	Description	List Price
8108.8011.00	Floor Cleaner, 13-3/4" Diameter MV #0207001000	\$936.84

SURFACE CLEANER – Hobby



- 2.3 GPM
- 104° F
- M22F x 1/4" M Extension

Part #	Description	List Price
8108.9115.00	Surface Cleaner, w/Adapters MV #0207002600	\$185.99
8108.9007.00	Replacement Brush MV #0109740090	\$21.81

SURFACE CLEANER – 3000 PSI



- 4 GPM @ 3000 PSI
- 140° F
- M22M Inlet
- 035 Nozzle

Part #	Description	List Price
8108.8012.00	Surface Cleaner, w/Wheels MV #0207002013	\$299.35
8108.8010.00	Surface Cleaner, No Wheels MV #0207000013	\$380.59
8108.9006.00	Spray Bar, Surface Cleaner 045 MV #0109000340	\$93.70
8108.8014.00	Wheel Replacement Kit MV #0207102010	\$18.66
8108.8013.00	Wheel Conversion Kit MV #0207102000	\$22.84
8108.9008.00	Brush for 8108.8012.00 MV #0109740160	\$21.66
8108.9007.00	Brush for 8108.8010.00 MV #0109740090	\$21.81

SURFACE CLEANER – RotoBlaster



- 20" Free Floating Dome
- 8 GPM Max.
- 4000 PSI Max.
- 180° F Max. Temp
- 2-Part Handle for Easy Storage and Transport
- Durable 2-Point Handle Attachment
- Rebuildable Rotary Head

Part #	Description	List Price
8102.2403.00	RotoBlaster Surface Cleaner, 20"	\$835.00

Replacement Parts

8102.2403.28	Replacement Trigger Gun	\$61.25
8102.2461.00	Replacement Hose Assembly	\$32.14
8102.2403.11	Replacement Rotary Head	\$318.00
8102.2403.14	Replacement Mounting Collar	\$27.32
8102.2403.19	Replacement Spray Bar	\$34.94
8102.2403.20	Skirt	\$91.67
8102.2403.21	Dome, Black	\$59.29
8102.2403.24	Rotary Head Repair Kit	\$273.39
8102.2403.29	Spray Gun Repair Kit	\$28.57
8102.2403.40	Caster Kit	\$88.00
8102.2490.00	Shut Off Valve Kit	\$84.38
8102.2474.00	O-Ring, Viton	\$3.38

*For additional parts contact Comet

SURFACE CLEANER - Stainless Steel



- 20" Stainless Steel
- 8 GPM
- 4000 PSI Max.
- 180° F Max. Temp
- 2-Part Handle for Easy Storage and Transport
- Durable 2-Point Handle Attachment
- Rebuildable Rotary Head



Part #	Description	List Price
8102.2406.00	RotoBlaster Surface Cleaner, 20"	\$1420.00

Replacement Parts

8102.2406.01	Replacement Trigger Gun	\$66.81
8102.2461.00	Replacement Hose Assembly	\$32.14
8102.2454.00	Replacement Rotary Head	\$322.00
8102.2403.14	Replacement Mounting Collar	\$27.32
8102.2406.02	Replacement Spray Bar	\$190.89
8102.2406.03	Skirt	\$81.03
8102.2406.04	Dome, Stainless Steel	\$307.09
8102.2458.00	Rotary Head Repair Kit	\$218.71
8102.1050.01	Spray Gun Repair Kit	\$32.02
8102.2406.05	Caster, Single	\$25.74
8102.2490.00	Shut Off Valve Kit	\$84.38

*For additional parts contact Comet

SURFACE CLEANER - Whirl-A-Way



- 8 GPM Max.
- 4000 PSI Max.
- UV Resistant Dome
- Rebuildable Swivel
- Industrial Duty

Part #	Description	List Price
8102.2401.00	Surface Cleaner, 16" Dia., w/Brush	\$760.00

Replacement Parts

8102.2454.00	16 Rotary Head	\$322.00
8102.2455.00	18 Rotary Head	\$358.00
8102.2457.00	24 Rotary Head	\$375.00
8102.2458.00	Rotary Head Repair Kit for All	\$218.71
8102.2470.01	Trigger Gun 16	\$58.52
8102.2406.01	Trigger Gun 18 & 24	\$66.81
8102.2462.00	16 Skirt, Nylon	\$67.43
8102.2456.00	18 Caster	\$21.90
8102.2459.00	24 Caster	\$22.79
8102.2470.00	16 Replacement Spray Bar	\$20.77
8102.2471.00	18 Replacement Spray Bar	\$22.08
8102.2472.00	24 Replacement Spray Bar	\$22.98
8102.2450.00	16 Rotary Head Mounting Bracket	\$22.95
8102.2453.00	24 Rotary Head Mounting Bracket	\$19.05
8102.2461.00	Replacement Hose for all	\$32.14

*For additional parts contact Comet

SURFACE CLEANER - 12"



- 4000 PSI Max.
- 8 GPM
- 180° F

Part #	Description	List Price
8102.2407.00	Surface Cleaner, 12"	\$233.00

SWITCHES - Flow



- 8 GPM @ 4350 PSI
- 180° F Max.
- 3/8" FPT I/O
- 12v - 250v, 0.8 Amp
- Vertical and Horizontal

Part #	Description	List Price
8108.2201.00	Flow Switch, Horizontal MV #0205010010	\$87.91
8108.2202.00	Flow Switch, Vertical MV #0205010000	\$85.57
8108.2209.00	Replacement Reed Switch MV #0199700000	\$47.77

SWITCH - Pressure



- 3600 PSI
- 200° F
- 12-250V, 15A
- Added Membrane to keep Water out of Shell

Part #	Description	List Price
8108.9114.00	Pressure Switch, 2 Wire, 580 PSI MV #0205000011	\$39.52

SWITCHES - Pressure



- 3-Wire Design
- 3600 PSI, 200° F Max.
- 12v - 250v, 15 Amp
- 210, 360 & 580 PSI Switching Pressure
- Box Qty 50

Part #	Description	Code	List Price
8107.2203.00	Switch, 210 PSI, 1/4" MPT	BLUE	\$42.08
8107.2204.00	Switch, 210 PSI, 3/8" MPT	BLUE	\$42.08
8107.2204.01	Repair Kit 210 PSI		\$32.84
8107.2205.00	Switch, 360 PSI, 1/4" MPT	RED	\$42.08
8107.2206.00	Switch, 360 PSI, 3/8" MPT	RED	\$42.08
8107.2201.00	Switch, 580 PSI, 1/4" MPT	BLACK	\$42.08
8107.2202.00	Switch, 580 PSI, 3/8" MPT	BLACK	\$42.08
8107.2202.01	Repair Kit 580 PSI		\$32.84
8107.2201.50	Repair Kit Electric		\$29.24
8107.2201.01	Replacement Micro Switch		\$6.86

SWITCHES - Vacuum



- 140° F Max.
- 1/4" FNPT Port
- 250v, 10 Amp
- Box Qty 60

***For Water use Only**

Part #	Description	List Price
8107.2211.00	Vacuum Switch, (Size 1.5)	\$42.02
8107.2213.00	Vacuum Switch, (Size 2.5)	\$42.02
8107.2216.00	Vacuum Switch, (Size 4.0)	\$42.02
8107.2217.00	Vacuum Switch, (Size 4.5)	\$42.02

TAPE - Teflon



- Better Sealing of Threaded Connections
- High Quality
- 1/2" Rolls
- 480" Length
- Box Quantity 12

Part #	Description	List Price
8102.2900.00	Teflon Tape, Roll	\$.97

SWIVEL - High Pressure



- 10.5 GPM Max.
- 4050 PSI
- 3/8" MBSP x 3/8" FBSP
- Brass
- 320° F Max
- Box Qty 10

Part #	Description	List Price
8116.3501.00	Swivel, Straight	\$31.98

THERMOSTATS



- 1/2" BSP Probe
- 4000 PSI
- 250V 15A
- Remote Probe Design
- Precise Temperature Control
- 70" Insulated Cap Tube

Part #	Description	List Price
3230.0037.00	194 Degree, Remote Probe, 194° F	\$68.14
3230.0036.00	250 Degree, Remote Probe, 250° F	\$68.14
3230.0035.00	302 Degree, Remote Probe, 302° F	\$68.14
8107.2320.00	Thermostat Well 1/2" F Top, 3/8" x 3	\$28.84
8107.2307.00	Thermostat Probe Sheath	\$17.42
2000.0125.00	Bushing, Brass 1/2" NPT	\$32.31
8107.2310.00	Bushing, Brass 1/2" BSP	\$32.94

SWIVEL - High Pressure



- 8.0 GPM Max.; 3600 PSI
- 195 ° F
- 3/8" x 3/8"
- Brass Body
- Box Qty 10

Part #	Description	List Price
8107.3501.00	Swivel, High Pressure	\$15.66

THREAD LOCK



- Replacement for Loctite
- Industrial Size Container
- Medium & Strong
- 250 ml Bottles
- Box Qty 10

Part #	Description	List Price
8107.3600.00	Thread Lock, Medium 100/200 lbs.	\$120.62
8107.3601.00	Thread Lock, Strong 200/300 lbs.	\$120.62

SWIVEL - High Pressure



- 10.5 GPM Max.
- 4100 PSI
- 3/8" FNPT x 3/8" MNPT
- Stainless Steel
- Box Qty 10

Part #	Description	List Price
8107.3502.00	Swivel, Straight, SS	\$139.79

THROTTLE CONTROL



- 4000 PSI, 145° F Max.
- 1000 PSI Actuation Pressure
- 3/8" NPT Inlet, 36" Cable

Part #	Description	List Price
8102.2701.00	Throttle Control Kit	\$132.51
8102.2701.01	Repair Kit	\$5.99



UNLOADERS – VB-80/400


- 21 GPM
- 195 ° F Max
- 1/2" FNPT Inlet, Outlet & By-Pass

Part #	Rated PSI	Max PSI	List Price
8116.2505.00	5800	6500	\$887.14

UNLOADERS – VB-350


- 10.5 GPM
- 5100 Rated PSI
- 5650 Max PSI
- 195 ° F Max.

Part #	Inlet	Outlet	By-Pass	List Price
8116.2501.00	3/8" BSP-M	3/8" BSP-F	1/2" BSP-F	\$267.00

UNLOADERS – Pulsar 280


- 8.0 GPM
- 4050 Rated PSI
- 4500 Max PSI
- 195° F Max
- Box Qty 15

Part #	Inlet	Outlet	List Price
8116.2509.00	3/8" NPT-F	3/8" NPT-F	\$115.68
8116.2510.00 w/EZ Start	3/8" NPT-F	3/8" NPT-F	\$121.99

UNLOADERS – BP91 2 in 1


- 8.0 GPM
- 195° F Max.
- Built-in EZ Start Valve
- Color Coded Design
- Box Qty 25

Part #	PSI	Inlet	Outlet	By-Pass	List Price
8107.2551.00	3650	3/8" F	3/8" F	3/8" F X 2	\$125.52
8107.2552.00	4500	3/8" F	3/8" F	3/8" F X 2	\$124.42
8107.2539.00	Repair Kit				\$66.83

UNLOADERS – BP93 3 in 1


- 8.0 GPM
- 195° F Max.
- Built-in EZ Start Valve
- Thermal Relief Valve
- Box Qty 25

Part #	PSI	Inlet	Outlet	By-Pass	List Price
8107.2553.00	3650	3/8" F	3/8" F	1/4" F	\$133.50
8107.2554.00	4500	3/8" F	3/8" F	1/4" F	\$133.50

UNLOADERS – BP90 4 in 1


- Pressure Relief
- EZ-Start
- By-Pass Unloader
- Panel Mount Capability
- Thermal Relief
- Box Qty 25

Part #	PSI	Inlet/Outlet	By-Pass	Color	List Price
8107.2535.00	1500	3/8" F	1/4" F	Yellow	\$140.09
8107.2536.00	2900	3/8" F	1/4" F	Red	\$140.09
8107.2537.00	3650	3/8" F	1/4" F	Blue	\$140.09
8107.2538.00	4500	3/8" F	1/4" F	Black	\$140.09
8107.2539.00	Repair Kit				\$66.83

UNLOADERS – MG4000


- 10.5 GPM
- Brass Valve Body
- Heavy Duty Design
- Color Coded Design
- 200° F Max.
- Box Qty 25
- Repair Kit Box Qty 10

Part #	PSI	Inlet/Outlet	By-Pass	Color	List Price
8107.2503.00	1,500	3/8" F	3/8" Fx2	Yellow	\$119.01
8107.2533.00	2,900	3/8" F	3/8" Fx2	Red	\$119.01
8107.2530.00	3,650	3/8" F	3/8" Fx2	Blue	\$119.01
8107.2504.00	4,500	3/8" F	3/8" Fx2	Black	\$119.01
8107.2550.00	Unloader Repair Kit, MG4000				\$38.03
8107.2559.00	Nut, Panel Mounting				\$4.03

UNLOADERS – VB-80/150 & 280


- 21 GPM
- 195 ° F Max
- 1/2" FNPT Inlet, Outlet & By-Pass

Part #	Rated PSI	Max PSI	List Price
8116.2503.00	2200	2450	\$223.38
8116.2504.00	4050	4500	\$242.41

UNLOADERS - Pulsar Zero



- 2.4 to 10.5 GPM
- 3650 to 4050 PSI
- 195° F

Part #	Inlet	Outlet	By-Pass	List Price
8116.2521.00	3/8" F	3/8" F	3/8" F	\$240.00

UNLOADERS - Trapped Pressure



MV590



MV595

- 8.0 GPM
- 200° F Max.
- Built-in Thermal Relief Valve
- Built-in EZ Start Valve
- Built-in Chemical Injector

Part #	Inlet	Outlet	By-Pass	PSI	List Price
8108.2505.00	3/8" M	3/8" M	1/4" F	3600	\$173.69
	MV #0215002960				
8108.2503.01	Repair Kit PP590				\$ 45.65
	MV #0215102000				
8108.2502.00	3/8" F	3/8" F	1/4" F	4000	\$186.56
	MV #0215003300				
8108.2512.00*	3/8" F	3/8" F	1/4" F	4000	\$167.61
	MV #0215003310				
8108.2502.01	Repair Kit MV595				\$ 47.79
	MV #0215103320				
8108.2555.01	Chem Inj for Unloader				\$19.07
	MV #0203100020				

*Does not include Injector
*Includes Safety Valve

UNLOADERS - MV 550



- 8 GPM @ 3600 PSI
- 200° F

Part #	Description	List Price
8108.2513.00	Unloader, with Switch MV #0215002050	\$128.08
8108.2513.01	Repair Kit, Micro Switch MV #0101000000	\$43.91

UNLOADERS - MV 580



- 8 GPM @ 3600 PSI
- 200° F

Part #	Description	List Price
8108.2506.01	Unloader, w/o Knob MV #0215003030	\$91.75

UNLOADERS - Pulsar 3



- 8.0 GPM
- 195° F Max
- Inlet/By-Pass 3/8" NPT
- Outlet 3/8" NPT
- Box Qty 15

Part #	Description	List Price
8116.2508.00	Unloader 3650 PSI Max	\$130.57
8116.2515.00	Unloader 1750 PSI Max	\$135.84
8116.2515.01	Seat & O-Ring Kit	\$9.66
8116.2515.02	Repair Kit	\$35.73
8116.2515.03	Repair Kit, Pack of 5	\$141.22

UNLOADERS - Trapped Pressure



MV550

- Brass Valve Body
- 200° F Max.

MV580

- Adjustment Handle
- 8.0 GPM



Part #	PSI	I/O	By-Pass	List Price
8108.2503.00*	3600	3/8" F	1/4" Fx2 MV550	\$96.48
	MV #0215002150			
8108.2504.00	3600	3/8" F	1/4" Fx2 MV550	\$99.03
	MV #0215002010			
8108.2506.00	3600	3/8" F	1/4" Fx1 MV580	\$88.93
	MV #0215003010			
8108.2503.01	Repair Kit			\$45.65
	MV #0215102000			
8108.2504.01	Knob			\$4.19
	MV #0119000010			

* With Built-in EZ Start Valve

UNLOADERS - Trapped Pressure



- Internal Spring Design
- Brass Valve Body
- Adjustment Handle
- 200° F Max. 8 GPM
- Pressure Activated

Part #	PSI	Inlet/Outlet	By-Pass	List Price
8108.2510.00	2000	3/8" M	3/8" F PP520	\$62.94
	MV #0215004010			
8108.2511.00	2600	3/8" M	3/8" F PP540	\$68.73
	MV #0215005010			
8108.2507.00	3200	3/8" M	3/8" F PP560	\$77.07
	MV #0215006010			
8108.2514.00	2000	3/8" M	3/8" M PP520	\$65.80
	MV #0215004120			
8108.2501.01	Repair Kit			\$25.42
	MV #0215101000			
8108.2559.01	Knob			\$3.11
	MV #0119740010			

UNLOADERS – VB-200/150



- 53 GPM
- 2200 Rated PSI
- 2450 Max PSI
- 195° F Max

Part #	Inlet	Outlet	By-Pass	List Price
8116.2502.00	1" FPT	1" FPT	1" FPT	\$661.00

UNLOADERS – Trapped Pressure



MV545



MV565


 MV546
MV566

Banjo Kit

- Eliminates Need for Bypass Hose
- Compact Design
- Increases Production Efficiencies
- Internal Spring

UNLOADERS – MV 550


NEW

- 8 GPM @ 1200 PSI
- 1/4" By-Pass
- Switch 580 PSI

Part #	Description	List Price
8108.9135.00	Unloader, 3/8" F Inlet & Outlet MV #0215002055	\$136.78
8108.2513.01	Repair Kit, Micro Switch MV #0101000000	\$43.91

Bolt-On Unloaders Order with Banjo Kits Below

Part #	PSI	GPM	Outlet	Inject.	List Price
8108.2559.00	2600	8.0	3/8" MPT MV #0215009780	Y MV545	\$93.17
8108.2560.00	2600	8.0	M22M MV #0215009820	Y MV545	\$90.61
8108.2561.00	2600	8.0	3/8" MPT MV #0215005510	N MV546	\$73.48
8108.2562.00	2600	8.0	M22M MV #0215005520	N MV546	\$72.60
8108.2555.00	3200	8.0	3/8" MPT MV #0215006300	Y MV565	\$101.37
8108.2556.00	3200	8.0	M22M MV #0215006320	Y MV565	\$101.73
8108.2557.00	3200	8.0	3/8" MPT MV #0215006510	N MV566	\$80.22
8108.2558.00	3200	8.0	M22M MV #0215006520	N MV566	\$83.22
8108.2563.00	3500	8.0	3/8" MPT MV #0215200240	N MV566	\$81.24
8108.2550.00	3500	8.0	3/8" MPT MV #0215200230	Y MV565	\$92.07
8108.2555.02	Repair Kit for MV565 Unloader MV #0215101020				\$25.95
8108.2555.01	Chem Inj for MV565 Unloader MV #0203100020				\$19.07
8108.2559.18	Chem Inj for MV545 Unloader MV #0203100041				\$12.33

UNLOADERS – Flow Sensing K7

K7


- 165°F Max Temp
- 0-3000 PSI
- Eliminates Trapped Pressure Between Pump & Gun

Part #	GPM	Inlet	Outlet	By-Pass	List Price
8110.2503.00	2.9-4.2	3/8" F	3/8" M	3/8" F	\$273.00
8110.2504.00	4.2-6.6	3/8" F	3/8" M	3/8" F	\$275.00

UNLOADERS – VB-285



- 8.0 GPM
- 4050 Rated PSI
- 4500 Max PSI
- 195° F Max
- Banjo Kit with Knob
- Box Qty 20

*Used on ZWD 4040 G Pump

Part #	Inlet	Outlet	List Price
8116.2500.00	1/2" BSP-F	3/8" BSP-F	\$327.67
8116.2500.02	Banjo Conversion Kit		\$93.10

UNLOADERS – VB-285


NEW

- 8.0 GPM
- 3200 Rated PSI
- 3650 Max PSI
- 195° F Max
- Banjo Kit with Knob
- Box Qty 20

*Used on RW Pumps

Part #	Inlet	Outlet	List Price
8116.2520.00	3/8" BSP-F	3/8" BSP-F	\$175.29

Banjo Inlet Kits

Part #	X-Offset	Y-Offset	Inlet	List Price
*8108.2570.00	0.0 mm	63 mm	1/2" FPT MV #0215200500	\$40.11
†8108.2571.00	4.5 mm	66 mm	1/2" FPT	\$32.50
†8108.9158.00	4.5 mm	66 mm	1/2" FPT MV #0215200510	\$44.65
°8108.2572.00	19 mm	51 mm	1/2" FPT MV #0215200520	\$43.11

* For Comet LW & ZW Series Pumps

† For Comet FW & HW Series Pumps

° For Brands Other Than Comet Pumps

UNLOADER - Mounting Block



- 5000 PSI Max
- 2 - 3/8" FPT Ports
- Solid Machined Part
- 5/16" x 18 Mounting Holes
- For Remote Mounting of Unloader Valves

Part #	Description	List Price
8102.0550.00	Remote Mounting Block, Brass	\$42.43
8102.0551.00	Remote Mounting Block, Aluminum	\$14.60
8102.0552.00	Remote Mounting Block, Zinc Plated	\$25.24

VALVES - Ball, Shut-Off



- 7400 PSI, Industrial Duty
- Chrome Plated Steel Ball
- Zinc Plated Steel Body
- 212° F

Part #	Description	GPM	List Price
8109.2601.00	1/4" FPT x 1/4" FPT	2.64	\$70.92
8109.2602.00	3/8" FPT x 3/8" FPT	6.60	\$77.29
8109.2603.00	1/2" FPT x 1/2" FPT	10.57	\$80.39

VALVES - Ball, Shut-Off



- 6000 PSI
- Stainless Steel Body
- 212° F

Part #	Description	List Price
8102.2640.00	Ball Valve, 3/8" FPT x 3/8" FPT	\$168.57

VALVES - Ball, Shut-Off



- 3000 PSI
- Brass Body
- 176° F

Part #	Description	List Price
8107.2630.00	Ball Valve, 3/8" FPT x 3/8" FPT	\$75.09
8107.2631.00	Ball Valve, 1/2" FPT x 1/2" FPT	\$103.27

VALVES - EZ Start



- Release Trapped System Pressure
- For Starting Gasoline Engines
- 5000 PSI Max
- 8 GPM
- Box Qty 10

Part #	Description	List Price
8107.1750.00	3/8" MPT EZ Valve w/ Hose Barb	\$28.84

VALVES - Metering



- Precise Chemical Metering
- 3 GPM, 440 PSI Max.
- 100° F Max. Temp.
- Box Qty 25

Part #	Description	List Price
8107.3400.00	Metering Valve, 1/4" MPT	\$36.54
8107.3401.00	Metering Valve, 1/4" FPT	\$36.54

VALVES - Jetter



- Converts Triplex pump to Duplex Pump
- Replaces Inlet Valve Cap

Part #	Used on Pump	List Price
0608.0034.00	LW, FW & ZW up to 3200 psi	\$118.10
0608.0035.00	HW, ZW & SW over 3600 psi	\$118.10
0608.0036.00	TW up to 3600 psi	\$138.80
0608.0037.00	TW over 4000 psi	\$142.10

VALVE - Pressure Regulating VPR-600



- 21 GPM
- 8100 Rated PSI
- 8700 Max PSI
- 195° F Max

Part #	Inlet	Outlet	By-Pass	List Price
8116.2506.00	1/2" BSP-F	1/2" BSP-F	1/2" BSP-F	\$930.84

VALVES - Pressure Relief



Part #	Description	List Price
8107.2620.00	1/4" M Inlet, 6.3 GPM, 2200 PSI, 195° F	\$21.23
8102.2621.00	3/8" MPT, 6 GPM, 6000 PSI, 195° F	\$20.71

VALVES - Pressure Relief



- 8 GPM @ 3600 PSI
- 200° F
- MV 510

Part #	Description	List Price
8108.2600.00	Valve, 1/4" Inlet/Outlet MV #021500000	\$50.94
8108.9137.00	Repair Kit MV #021510000	\$19.16

VALVE - Pressure Relief



- 8 GPM @ 3500 PSI
- 200° F Max.
- 1/4" Inlet

Part #	Description	List Price
8108.9134.00	Safety Valve MV #0215000210	\$55.34

VALVE - Thermal Relief



- 200 PSI Max.
- 145° F Relief Temp.
- Protects Pumps from Overheating

Part #	Description	List Price
8102.1700.00	Thermal Relief Valve, 3/8"	\$8.47

VALVES - Pressure Relief



- 8 GPM @ 3600 PSI
- 8.0 GPM
- 195° F
- Adjustable Pressure Relief
- Box Qty 25

Part #	Description	List Price
8107.2621.00	3/8" MPT, 1/4" MPT Discharge	\$39.09
8107.2621.01	3/8" MPT, 1/4" Barb Discharge	\$39.96

VALVE - Thermal Relief



- 145 PSI Max. Inlet Pressure
- 140° F Relief Temp.
- Protects Pumps from Overheating

Part #	Description	List Price
8107.1700.00	Thermal Relief Valve, 3/8"	\$24.01
8107.1701.00	Thermal Relief Valve, 1/2"	\$25.03
1215.0330.00	Thermal Relief Valve, 1/4"	\$19.76
1215.0354.00	Thermal Relief Valve, 3/8"	\$19.76
1215.0355.00	Thermal Relief Valve, 1/2"	\$19.76

VALVES - Pressure Relief



- Compact
- 1/4" MPT Inlet Port
- 3200 PSI • 5.5 GPM
- 194° F
- Adjustable Pressure Relief
- Box Qty 25

Part #	Description	List Price
8107.2622.00	Safety Valve, 1/4" MPT x 1/4" MPT	\$22.62
8107.2623.00	Safety Valve, 1/4" MPT x 1/4" Barb	\$24.01

WATER BROOM - 12"



- 1/4" QD Plug
- 4000 PSI
- 3 GPM

Part #	Description	List Price
8102.2500.00	Water Broom	\$63.38

Conversion Tables & Formulas

Weights & Volumes			Torque			Length Calculations		
Gal.	x 3.785	= Liters	NM	= .Ft./lb.	x 1.35	.001 in.	x 25.4	= Microns
Gal.	x 128	= Ounces	Ft./lb.	= .NM	/ 1.35	In.	x 25.4	= MM
Gal	x 231	= Cu. In.	In./lb.	= Ft./lb	x 12	MM	x .03937	= Inches
Gal.	x 8.3453	= Pounds				Belt Length =	2 x CD+D+d	x 1.57
Ltr.	x 61.02	= Cu. In.						
Ltr.	x 33.82	= Ounces						
Ltr	x .2642	= Gallons						
Ltr.	x 1000	= Cubic CM						
ML (CC)	x .0338	= Ounces						
Gram	x .03527	= Ounces						
PSI	x .0680	= bar.						
Bar	x 14.7	= PSI						
In. HG	x .4912	= PSI						
In. H ₂ O	x .8226	= In. HG						

Temperatures			Required Horsepower		
°C	=	.555(°F-32)	$\frac{GPM \times PSI}{1460}$	=	Elec. Brake HP
°F	=	(1.8*°C)+32	$\frac{GPM \times PSI}{1714}$	=	Hydraulic HP
			$\frac{GPM \times PSI}{1100}$	=	Gasoline HP

Nozzles			Pulley Ratio		
Nozzle #	=	$GPM \sqrt{\frac{4000}{PSI}}$	Motor Pulley OD	=	$\frac{Pump RPM}{Motor Pulley OD}$
GPM	=	$Nozzle \# \sqrt{\frac{PSI}{4000}}$	Pump RPM	=	$\frac{Motor Pulley OD \times Pump RPM}{Motor Pulley OD}$
PSI	=	$4000 \times \left(\frac{GPM}{Nozzle \#}\right)^2$			

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**

GPM (i.e.. 22 = 2.2)

LWD2220G

- N = 1000 RPM**
- _ = 1450 RPM**
- S = 1750 RPM**
- D = 3400 RPM**

PSI (i.e.. 20 = 2000)

- S = Solid Shaft**
- E = Elec. Flange & Shaft**
- G = Gas Flange & Shaft**

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