

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

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT.
6511.0012.00	VRX 2017 V L46 AL ES 2.0	2.0	1700	3200	7/8"	14mm	5.3
6511.0024.00	VRX 2017 V L46 AL	2.1	1700	3400	7/8"	14mm	5.3
6511.0023.00	VRX 2017 V L80 AL	2.0	1700	3200	7/8"	14mm	5.3
6511.0004.00	VRX 2022 V L46	2.0	2200	3200	7/8"	14mm	7.7
6511.0003.00	VRX 2022 V L80	2.0	2200	3200	7/8"	14mm	7.7
6511.0008.00	VRX 2422 V L80	2.3	2200	3200	7/8"	14mm	7.7

VRX

Horizontal Pumps

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT.
6511.0005.00	VRX 2522 G	2.4	2200	3400	3/4"	14mm	7.7
6511.0015.00	VRX 2524 G	2.4	2400	3400	3/4"	14mm	7.7
6511.0020.00	VRX 2225 G TR	2.2	2500	3400	3/4"	14mm	7.7
6511.0025.00	VRX 2527 G	2.5	2700	3400	3/4"	14mm	7.7

*TR-Thermal Relief

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

5026.0260.00	Piston Kit, All VRX Pumps	5026.0257.00	Valve Kit, 2200 PSI
5026.0256.00	Piston Seal Kit, 2200+ PSI	5026.0263.00	Valve Kit, 1700 PSI
5026.0265.00	Piston Seal Kit, 1700 PSI	5026.0270.00	Valve Kit, 2400+ PSI

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

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

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

5019.0667.00	Seal Kit, Water
5025.0027.00	Check Valve Kit
1215.0403.00	Unloader Valve Kit

3400 RPM-NEMA 56C-5/8" Hollow Shaft



- 1/2" Inlet – 3/8" MPT Outlet
- Built-in Uniflow Unloader and Chemical Injector
- Built-in Easy Start
- Stainless Steel Plungers (Ceramic Optional)
- Steel Shaft with Built-in Key
- One Oil Cap for Travel and Operation
- Stainless Steel Check Valves
- Forged Brass Manifold
- Patent Registered Ball Bearing Design
- Optional Built-in Thermal Protector & Press. Relief
- Optional Built-in Garden Hose Adapter

- Pallet Qty 100 (Boxed or Egg-Crated)

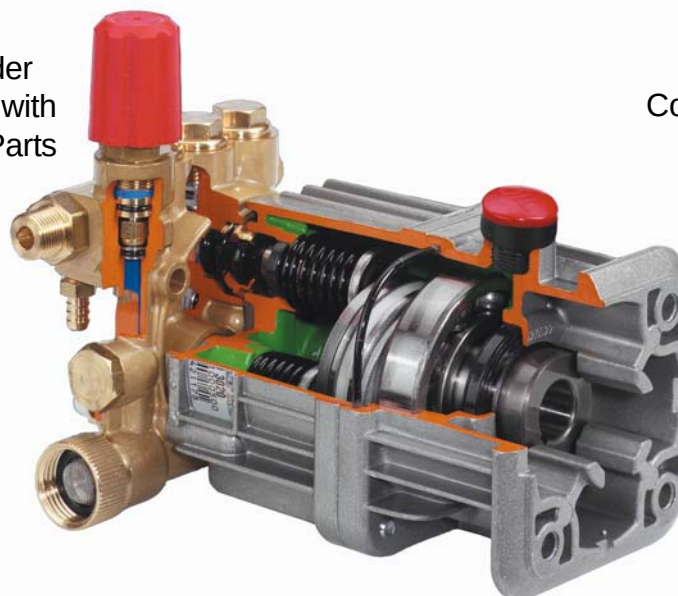
PART #	MODEL #	GPM	PSI	RPM	SHAFT	WT.
6525.0010.00	BXD 2020 E	1.9	2000	3400	5/8" Hollow	11.0
6525.0011.00	BXD 2520 E	2.5	2000	3400	5/8" Hollow	11.0
6525.0012.00	BXD 3020 E	2.8	2000	3400	5/8" Hollow	11.0

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

5019.0671.00	Seal Kit, Water
5025.0027.00	Check Valve Kit
1215.0401.00	Unloader Valve Kit

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

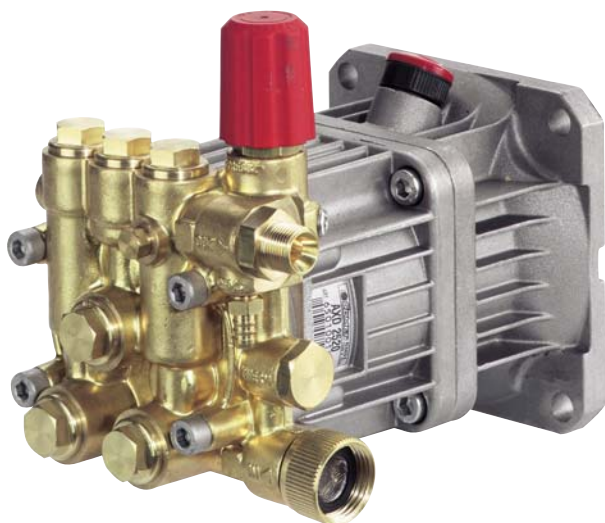


- Industrial Duty Construction for Extended Life
- Patent Registered Ball Bearing Design
- Built-in Garden Hose Adapter
- Double-Sealing Buna-Textile V-Packing
- Optional Built-in Thermal Protector & Pressure Relief Valve

- 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

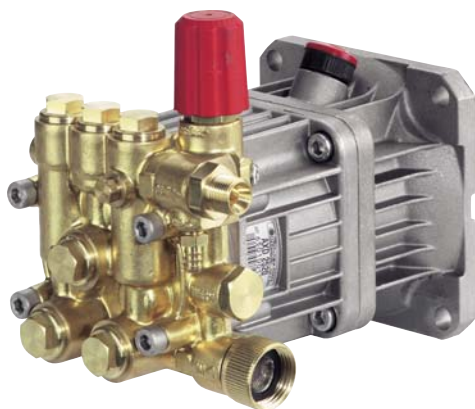
PART #	MODEL #	GPM	PSI	RPM	SHAFT	WT.
6501.0005.00	AXD 3020 G	2.7	2000	3400	3/4" Hollow	12.0
6501.0008.00	AXD 3522 G	3.3	2200	3400	3/4" Hollow	12.0
6501.0050.00	AXD 2524 G-T	2.4	2400	3400	3/4" Hollow	12.0
6501.0051.00	AXD 2524 G	2.4	2400	3400	3/4" Hollow	12.0
6501.0006.00	AXD 3025 G	2.9	2500	3400	3/4" Hollow	12.0
6501.0017.00	AXD 3525 G	3.3	2500	3400	3/4" Hollow	12.0
6501.0063.00	AXD 2427 G	2.4	2700	3400	3/4" Hollow	12.0
6501.0059.00	AXD 2527 G-T	2.5	2700	3400	3/4" Hollow	12.0
6501.0025.00	AXD 2527 G	2.5	2700	3400	3/4" Hollow	12.0

"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.
6502.0009.00	AXS 0415 E	0.4	1500	1750	5/8" Hollow	12.0
6502.0010.00	AXS 0615 E	0.6	1500	1750	5/8" Hollow	12.0
6502.0005.00	AXS 1015 E	0.9	1500	1750	5/8" Hollow	12.0
6502.0008.00	AXS 1315 E	1.3	1500	1750	5/8" Hollow	12.0
6502.0006.00	AXS 2015 E	1.7	1500	1750	5/8" Hollow	12.0
6501.0038.00*	AXD 2020 E	1.7	2000	3400	5/8" Hollow	12.0 *72 Egg-Crated
6501.0010.00	AXD 2020 E	1.9	2000	3400	5/8" Hollow	12.0
6501.0012.00	AXD 2520 E	2.5	2000	3400	5/8" Hollow	12.0 *96 Boxed
6501.0013.00	AXD 3020 E	2.9	2000	3400	5/8" Hollow	12.0
6501.0087.00	AXD 3020 GE	2.9	2000	3400	3/4" Hollow	12.0
6501.0090.00	AXD 2527 GE	2.5	2700	3400	3/4" Hollow	12.0

*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.
6501.0024.00	AXD 3030 G	2.9	3000	3400	1" Hollow	14.5
6501.0027.00	AXD 3530 G	3.3	3000	3400	1" Hollow	14.5
6501.0023.00	AXD 4030 G	3.7	3000	3400	1" Hollow	14.5

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
5026.0143.00 Unloader Rebuild Kit
5025.0014.00 Check Valve Kit universal
2409.0092.00 Piston Kit
5019.0079.00 Seal Kit, Oil

AXD 2500+ PSI Repair Kits

5019.0078.00 Seal Kit HP 2500+ psi Only
5026.0143.00 Unloader Rebuild Kit
5025.0014.00 Check Valve Kit Universal
2409.0092.00 Piston Kit
5019.0079.00 Seal Kit, Oil

AXD 3000 PSI Repair Kits

5019.0086.00 Seal Kit HP 3000 psi only
5026.0143.00 Unloader Rebuild Kit
5025.0014.00 Check Valve Kit universal
2409.0103.00 Piston Kit 3000 psi only
5019.0079.00 Seal Kit, Oil

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>
6521.0150.00	BWD 2527 G-K	2.6	2700	3400	3/4" Hollow	14mm	13.9
6521.0250.00	BWD 3020 G-K	3.0	2000	3400	3/4" Hollow	14mm	13.9
6521.0350.00	BWD 3027 G-K	3.0	2700	3400	3/4" Hollow	14mm	13.9

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>
6521.0251.00	BWD 3020 E-K	2.6	2000	3400	3/4" Hollow	14mm	13.9
6521.0450.00	BWD 2020 E-K	2.9	2000	3400	3/4" Hollow	14mm	13.9

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

5019.0686.00 BW Water Seal Kit
5019.0685.00 BW Oil Seal Kit
5025.0030.00 Valve Kit
1215.0403.00 Unloader Kit (2700 PSI)

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.
6300.1501.00	LW 0509 S	0.5	1500	1450	24mm Solid	15mm	13.4
6300.1401.00	LW 1009 S	1.0	1500	1450	24mm Solid	18mm	13.4
6300.1601.00	LW 1509 S	1.5	1500	1450	24mm Solid	18mm	13.4
6300.0502.00	LW 2020 S	2.1	2000	1450	24mm Solid	15mm	13.4
6300.0303.00	LW 3020 S	3.0	2000	1450	24mm Solid	18mm	13.4
6300.0700.00	LW 3025 S	3.0	2500	1450	24mm Solid	18mm	13.4
6300.0800.00	LW 3525 S	3.5	2500	1450	24mm Solid	18mm	13.4

LW Series Mounting Rail Kits

5011.0184.00 Standard Rail Kit for LW Series Pumps

5011.0216.00 Tall Rail Kit for LW Series Pumps

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

5019.0035.00	LW Seal Kit, 15mm	2409.0071.00	LW Piston Kit, 15mm
5019.0037.00	LW Seal Kit, 18mm	2409.0072.00	LW Piston Kit, 18mm
5019.0040.00	LW Oil Seal Kit Solid Shaft	5025.0011.00	LW Check Valve Kit

LWS

Series Pumps-Solid Shaft



1750 RPM - 24mm Solid Shaft

- 1/2" & 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
- Pallet Qty 100 (Boxed or Egg-Crated)

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

x-3/8" Inlet

Pump with Built-In Unloader

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

5011.0184.00 Mounting Rail Kit for LW Series Pumps

5011.0216.00 Tall Rail Kit for LW Series Pumps

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

5019.0035.00	LW Seal Kit, 15mm	2409.0071.00	LW Piston Kit, 15mm
5019.0037.00	LW Seal Kit, 18mm	2409.0072.00	LW Piston Kit, 18mm
5019.0040.00	LW Oil Seal Kit Solid Shaft	5025.0011.00	Check Valve Kit

LWS

Series Pumps-Electric



1750 RPM - NEMA 56C - 5/8" or 3/4" Hollow Shaft

- 1/2" & 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
- 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.
6301.2701.00x	LWS 0609 E	0.6	1500	1750	5/8" Hollow	15mm	13.4
6301.2501.00x	LWS 1209 E	1.2	1500	1750	5/8" Hollow	18mm	13.4
6301.2601.00x	LWS 1809 E	1.8	1500	1750	5/8" Hollow	18mm	13.4
6301.2300.00x	LWS 0409 GE	0.4	1500	1750	3/4" Hollow	18mm	13.4
6301.0102.00	LWS 2020 E	2.2	2000	1750	5/8" Hollow	15mm	13.4
6301.0604.00	LWS 3020 E	3.0	2000	1750	5/8" Hollow	18mm	13.4
6301.0654.00*	LWS 3020 E-K	3.0	2000	1750	5/8" Hollow	18mm	13.4
6301.0602.00	LWS 3520 E	3.6	2000	1750	5/8" Hollow	18mm	13.4

*Built-in Unloader
x-3/8" Inlet

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

5019.0035.00	LW Seal Kit, 15mm	2409.0071.00	LW Piston Kit, 15mm
5019.0037.00	LW Seal Kit, 18mm	2409.0072.00	LW Piston Kit, 18mm
5019.0041.00	LW Oil Seal Kit Hollow Shaft	5025.0011.00	Check Valve Kit

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.
6303.0507.00	LWD 3020 S	3.0	2000	3400	24mm Solid	15mm	13.4
6303.0803.00	LWD 3522 S	3.5	2200	3400	24mm Solid	15mm	13.4
6303.0702.00	LWD 3025 S	3.0	2500	3400	24mm Solid	15mm	13.4

LW Series Mounting Rail Kits

5011.0184.00	Mounting Rail Kit for LW Series Pumps
5011.0216.00	Tall Rail Kit for LW Series Pumps

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

5019.0035.00	LW Seal Kit, 15mm	2409.0071.00	LW Piston Kit, 15mm
5019.0040.00	LW Oil Seal Kit Solid Shaft	5025.0011.00	Check Valve Kit

LWD

Series Pumps-Electric

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.
6303.0105.00	LWD 2020 E	2.1	2000	3400	5/8" Hollow	15mm	13.4
6303.0156.00	LWD 2020 E-K	2.1	2000	3400	5/8" Hollow	15mm	13.4
6303.0509.00	LWD 3020 E	3.0	2000	3400	5/8" Hollow	15mm	13.4
6303.0806.00	LWD 3522 E	3.5	2200	3400	5/8" Hollow	15mm	13.4
6303.0804.00	LWD 3522 GE	3.5	2200	3400	3/4" Hollow	15mm	13.4

"A" Denotes aluminum manifold

"K" Denotes built-in unloader

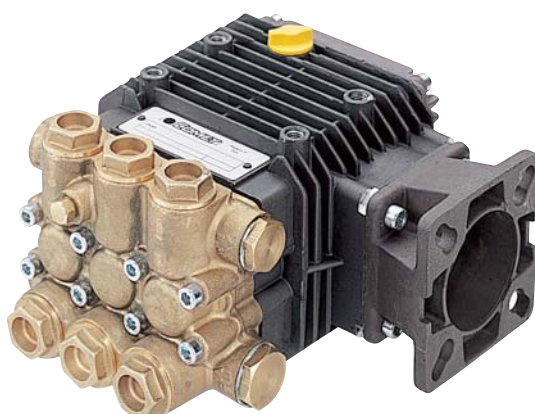
LW Series Repair Kits (Hot and Standard Kits also on Pages 25 & 26)

5019.0035.00	LW Seal Kit, 15mm	5026.0130.00	Unloader Rebuild Kit
2409.0071.00	LW Piston Kit, 15mm	5026.0123.00	Unloader Maintenance Kit
5025.0011.00	Check Valve Kit	5019.0041.00	LW Oil Seal Kit Hollow Shaft

LWD

Series Pumps-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)

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

LWD

Series Pumps-Gas



3400 RPM - Gas Engine Flange

- 1/2" FPT Inlet, 3/8" MPT Discharge
- Built-in Unloader and Adjustable Chemical Injector
- Anodized, Die-Cast Aluminum Crankcase
- Solid Ceramic Plungers
- Stainless Steel Check Valves & Piston Guides
- Buna-Textile V-Packings
- Reversible Crankcase for Right or Left Hand Mounting
- Gas Engine Mounting Flange with 3/4" Hollow Shaft
- Pallet Qty 60 (57 Egg-Crated)

Pump with Built-In Unloader

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT.
6303.0157.00	LWD 2020 G-K	2.1	2000	3400	3/4" Hollow	15mm	16.5
6303.1652.00	LWD 2520 G-K	2.5	2000	3400	3/4" Hollow	15mm	16.5
6303.0558.00	LWD 3020 G-K	3.0	2000	3400	3/4" Hollow	15mm	16.5
6303.0754.00	LWD 3025 G-K	3.0	2500	3400	3/4" Hollow	15mm	16.5
6303.0706.00	LWD 3025 G-RF	3.0	2500	3400	3/4" Hollow	15mm	16.5
6303.1751.00	LWD 2525 G-K	2.5	2700	3400	3/4" Hollow	15mm	16.5
6303.1750.00*	LWD 2525 G-K	2.5	2700	3400	3/4" Hollow	15mm	16.5
6303.2100.00	LWD 2527 G-RF	2.5	2700	3400	3/4" Hollow	15mm	16.5

*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	5026.0130.00	Unloader Rebuild Kit
2409.0071.00	LW Piston Kit, 15mm	5026.0123.00	Unloader Maintenance Kit
5025.0011.00	Check Valve Kit	5019.0041.00	LW Oil Seal Kit Hollow Shaft

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

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT.
6520.0150.00	AWD 3030 G-K3.0		3000	3400	1" Hollow Shaft	14mm	12.6
6520.0250.00	AWD 3530 G-K3.5		3000	3400	1" Hollow Shaft	14mm	12.6
6520.0350.00	AWD 4030 G-K4.0		3000	3400	1" Hollow Shaft	14mm	12.6
6520.0450.00	AWD 4036 G-K4.0		3600	3400	1" Hollow Shaft	14mm	12.6

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

5019.0686.00	AW Water Seal Kit
5019.0687.00	AW Oil Seal Kit
5025.0030.00	Valve Kit
1215.0403.00	Unloader Kit (2700 PSI)

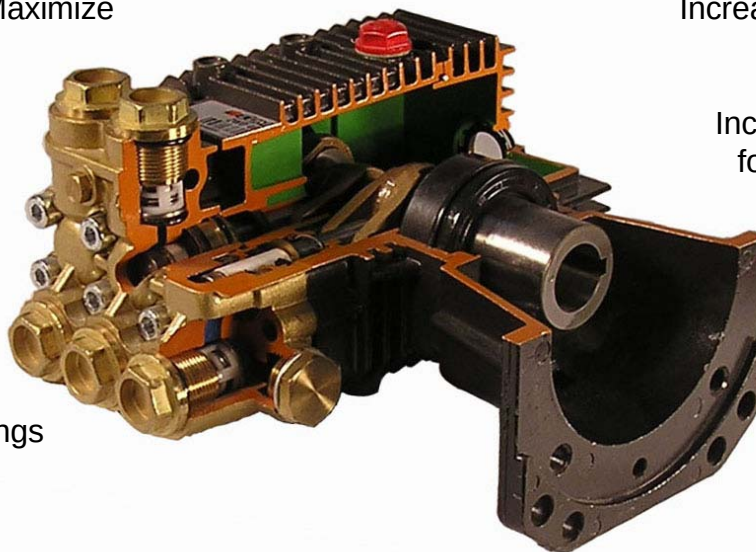
ZW SERIES Industrial Duty Plunger Pumps

- 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>
6305.1900.00	ZWD 2535 G	2.5	3500	3400	3/4" Hollow	15mm	16.5
6305.0104.00	ZWD 3030 G	3.0	3200	3400	3/4" Hollow	15mm	17.5
6305.1601.00	ZWD 3035 G	3.0	3500	3400	3/4" Hollow	15mm	17.5
6305.1600.00	ZWD 3035 G	3.0	3500	3400	1" Hollow	15mm	17.5
6305.1700.00	ZWD 3535 G	3.4	3500	3400	1" Hollow	15mm	17.5
6305.1800.00	ZWD 4035 G	4.0	3500	3400	1" Hollow	15mm	17.5 *60 Egg-Crated
6305.1100.00	ZWD 3040 G	3.0	4000	3400	1" Hollow	15mm	17.5
6305.1000.00	ZWD 3540 G	3.4	4000	3400	1" Hollow	15mm	17.5
6305.0900.00	ZWD 4040 G	4.0	4000	3400	1" Hollow	15mm	17.5

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.
6305.1650.00	ZWD 3035 G-K3.0		3500	3400	1" Hollow	15mm	17.4
6305.1750.00	ZWD 3535 G-K3.4		3500	3400	1" Hollow	15mm	17.4
6305.1850.00	ZWD 4035 G-K4.0		3500	3400	1" Hollow	15mm	17.4
6305.0906.00	ZWD 4035 G-RF4.0		3500	3400	1" Hollow	15mm	16.5
6305.1052.00	ZWD 3540 G-K3.5		4000	3400	1" Hollow	15mm	17.4
6305.1503.00	ZWD 4040 G-K4.0		4000	3400	1" Hollow	15mm	17.4

RF-Bolt-on Unloader

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

5019.0064.00	ZW Seal Kit, 15mm	2409.0071.00	ZWD Piston Kit, 15mm
5025.0011.00	Check Valve Kit	5019.0065.00	ZW Oil Seal Kit Hollow Shaft

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.
6305.0603.00	ZWD 4030 S	4.0	3000	3400	24mm Solid	15mm	17.4

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

5019.0064.00	ZW Seal Kit, 15mm	2409.0071.00	ZWD Piston Kit, 15mm
5025.0011.00	Check Valve Kit	5019.0040.00	ZWD Oil Seal Kit, Solid Shaft

FW SERIES Industrial Duty Plunger Pumps

1450 RPM

1750 RPM

3400 RPM

- Reversible Crankcase for Easy Right or Left Hand Mounting

- Solid or Hollow Shaft

- Hardened Stainless Steel Piston Guides

- Solid Brass Manifolds

- Highly Efficient Stainless Steel Check Valves

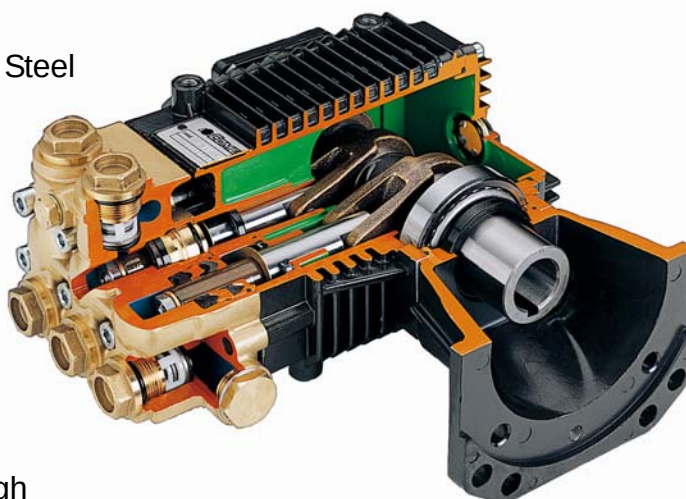
- Special Forged Brass Oversized Connecting Rods

- Solid Ceramic Plungers

- Flange for Direct Mounting to Gas Engines or Electric Motors (Hollow Shaft Models Only.)

- High & Low Pressure Seals: High Quality Buna-Textile Packings. Additional Anti-Extrusion Ring under the Seal

- 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.
6400.1106.00	FW 4030 S	4.0	3000	1450	24mm Solid	18mm	19.4
6401.0907.00*	FW 3530 S	3.4	3000	1450	24mm Solid	18mm	19.4
6400.0202.00	FW 5030 S	5.0	3000	1450	24mm Solid	20mm	19.4
6400.1400.00	FW 5530 S	5.5	3000	1450	24mm Solid	20mm	19.4

* 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
5011.0216.00	Tall Mounting Rail Kit for FW Series Pumps

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

5019.0038.00	FW Seal Kit, 18mm	5025.0011.00	Check Valve Kit
5019.0039.00	FW Seal Kit, 20mm	2409.0073.00	FW Piston Kit, 18mm
5019.0044.00	FW Oil Seal Kit Solid Shaft	2409.0074.00	FW Piston Kit, 20mm

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.
6401.0801.00	FWS 6020 S	5.9	2000	1750	24mm Solid	20mm	19.6
6401.1201.00	FWS 5525 S	5.7	2500	1750	24mm Solid	20mm	19.6
6401.0703.00	FWS 3530 S	3.5	3000	1750	24mm Solid	18mm	19.6
6401.0907.00	FWS 4030 S	4.1	3000	1750	24mm Solid	18mm	19.6
6401.0102.00	FWS 4530 S	4.5	3000	1750	24mm Solid	18mm	19.6

FW Series Mounting Rail Kits

5011.0185.00 Standard Mounting Rail Kit for FW Series Pumps

5011.0216.00 Tall Mounting Rail Kit for FW Series Pumps

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

5019.0038.00	FW Seal Kit, 18mm	2409.0073.00	FW Piston Kit, 18mm
5019.0039.00	FW Seal Kit, 20mm	2409.0074.00	FW Piston Kit, 20mm
5025.0011.00	Check Valve Kit	5019.0044.00	FW Oil Seal Kit Solid Shaft
5025.0025.00	High Flow Valve Kit, 5+ GPM		

FWS

Series Pumps-Electric



1750 RPM - 184T Elec. Flange

- 1/2" FPT Inlet, 3/8" FPT Discharge
- Anodized, Die-Cast Aluminum Crankcase
- Solid Ceramic Plungers
- Stainless Steel Check Valves and Piston Guides
- Oversized Bronze Connecting Rods
- Buna-Textile V-Packings
- Reversible Crankcase for Right or Left Hand Mounting
- 184T Electric Motor Flange with 1-1/8" Hollow Shaft
- Pallet Qty 60 (Boxed or Egg-Crated)

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

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

5019.0038.00	FW Seal Kit, 18mm	2409.0073.00	FW Piston Kit, 18mm
5019.0039.00	FW Seal Kit, 20mm	2409.0074.00	FW Piston Kit, 20mm
5025.0011.00	Check Valve Kit	5019.0045.00	FW Oil Seal Kit Hollow Shaft
5025.0025.00	High Flow Valve Kit, 5+ GPM		

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.
6402.0103.00	FWD 3530 E	3.3	3000	3400	1 1/8" Hollow	18mm	20.3
6402.0801.00	FWD 4530 E	4.4	3000	3400	1 1/8" Hollow	18mm	20.3

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

5019.0038.00	FW Seal Kit, 18mm	2409.0073.00	FW Piston Kit, 18mm
5025.0011.00	Check Valve Kit	5019.0045.00	FW Oil Seal Kit Hollow Shaft

FWD

Series Pumps-Gas



3400 RPM - Gas Engine Flange

- 1/2" FPT Inlet, 3/8" FPT Discharge
- Anodized, Die-Cast Aluminum Crankcase
- Solid Ceramic Plungers
- Stainless Steel Check Valves
- Stainless Steel Piston Guides
- Buna-Textile V-Packings
- Oversized Bronze Connecting Rods
- Reversible Crankcase for Right or Left Hand Mounting
- Gas Engine Mounting Flange with 1" Hollow Shaft
- Pallet Qty: 60-Boxed; 48-Egg-Crated

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

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

5019.0038.00	FW Seal Kit, 18mm	2409.0073.00	FW Piston Kit, 18mm
5025.0011.00	Check Valve Kit	5019.0045.00	FW Oil Seal Kit Hollow Shaft

HW SERIES Industrial Duty Plunger Pumps

1450 RPM

1750 RPM

3400 RPM

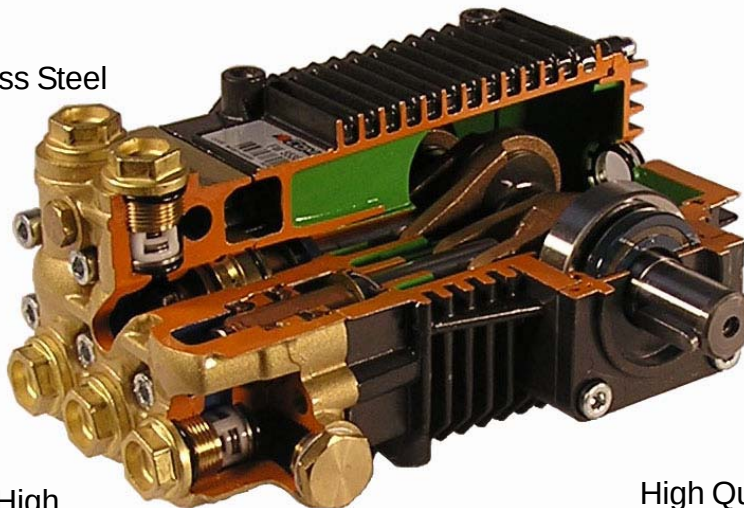
- Reversible Crankcase for Easy Right or Left Hand Mounting

- 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.
6403.0500.00	HW 3540 S	3.4	4000	1450	24mm Solid	18mm	20.0
6403.0200.00	HW 4040 S	4.0	4000	1450	24mm Solid	18mm	20.0
6403.0400.00	HW 4540 S	4.4	4000	1450	24mm Solid	18mm	20.0

HW Series Mounting Rail Kits

5011.0185.00 Standard Mounting Rail Kit for HW Series Pumps

5011.0216.00 Tall Mounting Rail Kit for HW Series Pumps

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

5025.0011.00 Check Valve Kit 2409.0073.00 HW Piston Kit, 18mm

5019.0631.00 HW Seal Kit, 18mm 5019.0044.00 HW Oil Seal Kit Solid Shaft

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>
6404.0200.00	HWS 4040 S	4.0	4000	1750	24mm Solid	18mm	20.0
6404.0500.00	HWS 5040 S	5.2	4000	1750	24mm Solid	18mm	20.0

HW Series Mounting Rail Kits

5011.0185.00	Standard Mounting Rail Kit for HW Series Pumps
5011.0216.00	Tall Mounting Rail Kit for HW Series Pumps

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

5025.0011.00	Check Valve Kit	2409.0073.00	HW Piston Kit, 18mm
5019.0631.00	HW Seal Kit, 18mm	5019.0044.00	HW Oil Seal Kit Solid Shaft

HWD

Series Pumps-Gas



3400 RPM - Gas Engine Flange

- 1/2" FPT Inlet, 3/8" FPT Discharge
- Anodized, Die-Cast Aluminum Crankcase
- Solid Ceramic Plungers
- Stainless Steel Check Valves
- Stainless Steel Piston Guides
- Buna-Textile V-Packings
- Oversized Bronze Connecting Rods
- Reversible Crankcase for Right or Left Hand Mounting
- Gas Engine Mounting Flange with 1" Hollow Shaft
- 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>
6405.0200.00	HWD 3540 G	3.3	4000	3400	1" Hollow	18mm	20.0
6405.0101.00	HWD 4040 G	3.9	4000	3400	1" Hollow	18mm	20.0
6405.0300.00	HWD 4540 G	4.4	4000	3400	1" Hollow	18mm	20.0

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

5025.0011.00	Check Valve Kit	2409.0073.00	HW Piston Kit, 18mm
5019.0631.00	HW Seal Kit, 18mm	5019.0045.00	HW Oil Seal Kit Hollow Shaft

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.
6303.0706.00	LWD 3025 G-RF	3.0	2500	3400	3/4" Hollow	15mm	17.7
6303.2100.00	LWD 2527 G-RF	2.5	2700	3400	3/4" Hollow	15mm	17.9
6305.0906.00	ZWD 4035 G-RF	4.0	3500	3400	1" Hollow	15mm	21.0

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.
6400.1004.00	FW 3530 SGR	3.7	3000	1545/3400	1" Hollow	18mm	28.3
6400.1113.00	FW 4030 SGR	4.2	3000	1545/3400	1" Hollow	18mm	29.4
6400.0203.00	FW 5030 SGR	5.3	3000	1545/3400	1" Hollow	20mm	29.4
6400.1401.00	FW 5530 SGR	5.8	3000	1545/3400	1" Hollow	20mm	29.4
6403.0201.00	HW 4040 SGR	4.2	4000	1545/3400	1" Hollow	18mm	31.0
6403.0401.00	HW 4540 SGR	4.8	4000	1545/3400	1" Hollow	18mm	31.0

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

5019.0038.00	FW Seal Kit, 18mm	2409.0073.00	HW Piston Kit, 18mm
5019.0631.00	HW Seal Kit, 18mm	2409.0074.00	HW Piston Kit, 20mm
5019.0039.00	FW Seal Kit, 20mm	5025.0011.00	Check Valve Kit
		5019.0045.00	FW/HW Seal Kit Hollow Shaft

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

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT.
6517.0100.00	RW 4030 S	4.1	3000	1450	24mm	20mm	27.0
6517.0102.00	*RW 4030 S	4.1	3000	1450	24mm	20mm	27.0
6517.0600.00	RW 5030 S	5.0	3000	1450	24mm	20mm	27.0
6517.0800.00	RW 5530 S	5.5	3000	1450	24mm	20mm	27.0
6517.0803.00	*RW 5530 S	5.5	3000	1450	24mm	20mm	27.0
6517.0900.00	RW 6030 S	6.2	3000	1450	24mm	20mm	27.0
6517.0902.00	*RW 6030 S	6.2	3000	1450	24mm	20mm	27.0
6517.1300.00	RW 5535 S	5.5	3500	1450	24mm	20mm	27.0
6517.1001.00	RW 3540 S	3.3	4000	1450	24mm	18mm	27.0
6517.1400.00	RW 4040 S	4.0	4000	1450	24mm	18mm	27.0
6517.1101.00	RW 4540 S	4.4	4000	1450	24mm	18mm	27.0
6517.1201.00	RW 5040 S	4.9	4000	1450	24mm	18mm	27.0

*Hot Water Pump with Kevlar Seals

RW Series Mounting Rail Kits

5011.0229.00

Standard Mounting Rail Kit for RW Series Pumps

5011.0257.00

Tall Mounting Rail Kit for Premium Series Pumps

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

2409.0146.00	RW Piston Kit, 18mm	5019.0673.00	RW Seal Kit, 18mm
2409.0145.00	RW Piston Kit, 20mm	5019.0672.00	RW Seal Kit, 20mm
5025.0011.00	Valve Kit, up to 4.8 GPM	5019.0675.00	RW Oil Seal Kit, Solid Shaft
5025.0025.00	Valve Kit, 4.9 GPM+	5019.0679.00	RW Oil Seal Kit, Hollow Shaft
5019.0676.00	Seal kit, Hot Water, 20mm	5019.0674.00	RW Seal Kit, Kevlar 20mm

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.
6518.0800.00	RWS 6020 S	5.9	2000	1750	24mm	20mm	27.0
6518.0900.00	RWS 6520 S	6.6	2000	1750	24mm	20mm	27.0
6518.0100.00	RWS 3030 S	3.0	3000	1750	24mm	20mm	27.0
6518.0200.00	RWS 3530 S	3.6	3000	1750	24mm	20mm	27.0
6518.0400.00	RWS 4030 S	4.1	3000	1750	24mm	20mm	27.0
6518.0500.00	RWS 4530 S	4.4	3000	1750	24mm	20mm	27.0
6518.0600.00	RWS 5030 S	4.9	3000	1750	24mm	20mm	27.0
6518.0700.00	RWS 5530 S	5.7	3000	1750	24mm	20mm	27.0
6518.1000.00	RWS 3035 S	3.0	3500	1750	24mm	20mm	27.0
6518.1500.00	RWS 5535 S	5.7	3500	1750	24mm	20mm	27.0
6518.1101.00	RWS 3540 S	3.6	4000	1750	24mm	18mm	27.0
6518.1201.00	RWS 4040 S	4.0	4000	1750	24mm	18mm	27.0
6518.1301.00	RWS 4540 S	4.8	4000	1750	24mm	18mm	27.0
6518.1401.00	RWS 5040 S	5.3	4000	1750	24mm	18mm	27.0
6518.0801.00	RWS 6040 S	6.0	4000	1750	24mm	18mm	27.0

RWS

Series Pumps-Electric

1750 RPM - 1-1/8" Hollow Shaft



- 1/2" FPT Inlet, 3/8" FPT Discharge
- Crankcase: Die-Cast Aluminum Alloy
- Solid Ceramic Plungers
- Forged Brass Manifold
- Oversized Bronze Connecting Rods
- High Quality Tapered Roller Bearings
- Large Oil Capacity Dissipates Heat and Improves Lubrication
- Oil Cap: New Travel/Working Oil Cap
- 184T Electric Flange with 1-1/8" Hollow Shaft
- Pallet Quantity 36 Boxed Only

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

SW SERIES

Premium Pumps



1450 RPM 1750 RPM

24mm Solid Keyed Shaft

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

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT.
6515.0100.00	SW 4040 S	4.0	4000	1450	24mm	20mm	39.0
6515.0102.00*	SW 4040 S	4.0	4000	1450	24mm	20mm	39.0
6515.0200.00	SW 5540 S	5.5	4000	1450	24mm	20mm	39.0
6515.0204.00*	SW 5540 S	5.5	4000	1450	24mm	20mm	39.0

*Hot Water Pump with Kevlar Seals

SWS

Series Pumps-Solid Shaft

PART #	MODEL #	GPM	PSI	RPM	SHAFT	PISTON	WT.
6516.0200.00	SWS 5025 S	5.0	2500	1750	24mm	20mm	39.0
6516.0100.00	SWS 4040 S	4.0	4000	1750	24mm	20mm	39.0
6516.0101.00*	SWS 4040 S	4.0	4000	1750	24mm	20mm	39.0

*Hot Water Pump with Kevlar Seals

SW Series Mounting Rail Kits

5011.0214.00 Standard Mounting Rail Kit for SW/TW Series Pumps

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

5025.0011.00 Valve Kit
 2409.0074.00 Piston Kit, 20mm
 5019.0648.00 Seal Kit, Water
 5019.0650.00 Oil Seal Kit
 5019.0665.00 SW Seal Kevlar Kit 20mm
 5019.0670.00 SW Hot Water Seal Kit, 20mm

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

Takes 37 Ounces Pump Oil

TWN

Series Pumps-Solid Shaft

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

TW

Series Pumps-Solid Shaft

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

*Hot Water Pump with Kevlar Seals

TWS

Series Pumps-Solid Shaft

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

TW Series Mounting Rail Kits

5011.0214.00 Standard Mounting Rail Kit for SW/TW Series Pumps

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

5025.0020.00	Valve Kit (Up to 3600 PSI)	5019.0645.00	Seal Kit 18mm, Water
5025.0021.00	Valve Kit (4000+ PSI)	5019.0646.00	Seal Kit 22mm, Water
2409.0116.00	Piston Kit 18mm	5019.0647.00	Seal Kit 25mm, Water
2409.0114.00	Piston Kit 22mm	5019.0644.00	Seal Kit, Oil (Up to 3600 PSI)
2409.0115.00	Piston Kit 25mm	5019.0649.00	Seal Kit, Oil (4000+ PSI)

Hot Water Packing Kits-TW Series

(Kits also on Pages 25 & 26)

5019.0653.00	Packing Kit 18mm
5019.0654.00	Packing Kit 22mm
5019.0655.00	Packing Kit 25mm
5019.0662.00	Seal Kit, Kevlar 22mm
5019.0663.00	Seal Kit, Kevlar 25mm

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.
6502.0009.00	AXS 0415 E	0.4	1500	1750	5/8" Hollow	12.0
6502.0010.00	AXS 0615 E	0.6	1500	1750	5/8" Hollow	12.0
6502.0005.00	AXS 1015 E	0.9	1500	1750	5/8" Hollow	12.0
6502.0008.00	AXS 1315 E	1.3	1500	1750	5/8" Hollow	12.0
6502.0006.00	AXS 2015 E	1.7	1500	1750	5/8" Hollow	12.0

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.
6300.1501.00	LW 0509 S	0.5	1500	1450	24mm Solid	15mm	13.4
6300.1401.00	LW 1009 S	1.0	1500	1450	24mm Solid	18mm	13.4
6300.1601.00	LW 1509 S	1.5	1500	1450	24mm Solid	18mm	13.4
6301.2700.00	LWS 0609 S	0.6	1500	1750	24mm Solid	15mm	13.4
6301.2500.00	LWS 1209 S	1.2	1500	1750	24mm Solid	18mm	13.4
6301.2600.00	LWS 1809 S	1.8	1500	1750	24mm Solid	18mm	13.4
6301.2701.00	LWS 0609 E	0.6	1500	1750	5/8" Hollow	15mm	13.4
6301.2501.00	LWS 1209 E	1.2	1500	1750	5/8" Hollow	18mm	13.4
6301.2601.00	LWS 1809 E	1.8	1500	1750	5/8" Hollow	18mm	13.4
6301.2300.00	LWS 0409 GE	0.4	1500	1750	3/4" Hollow	18mm	13.4

PTO – Pressure Washer



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

Part #	Description
9045.0001.00	PTO 12/120 w/Frame FW 5530 S
9045.0002.00	PTO 33/150 w/Frame TW 8030 S
9045.0003.00	PTO 23/200 w/Frame TWN 6036 S
9045.0004.00	PTO 21/200 w/Frame SW 5540 S
9045.0005.00	PTO 30/170 w/Frame TWN 8025 S
9045.0006.00	PTO 12/120 FW 5530 S
9045.0007.00	PTO 33/150 TW 8030 S
9045.0008.00	PTO 23/200 TWN 6036 S
9045.0009.00	PTO 21/200 SW 5540 S
9045.0010.00	PTO 30/170 TWN 8025 S
5005.0242.00	Gear Box, 550 RPM
5003.0050.00*	Kit, Conversion, 1000 RPM
8102.1801.00	Oil, Gear Box, Bottle
8102.1802.00	Oil, Gear Box, Case of 12

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

PUMP ACCESSORIES

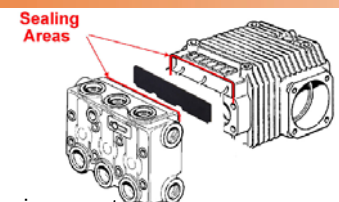
ANTI-FREEZE – Pump Saver



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

Part #	Description
8102.5000.00	Pump Saver

GASKET – Manifold



*Extra Protection against a Dirty Environment

Part #	Description
1201.0168.00	Seal for LW & ZW
1201.0167.00	Seal for FW & HW

Pump Accessories

OIL – Comet Pumps



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

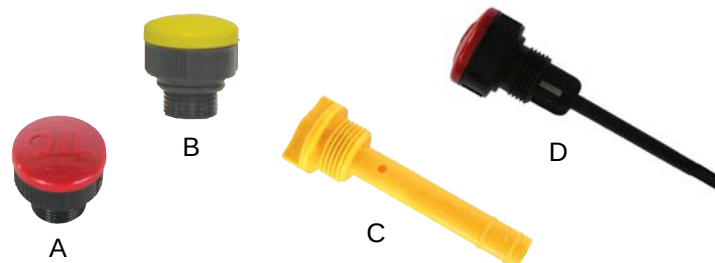
Part #	Description
8102.1801.00	Pump Oil, 32 oz. Bottle
8102.1802.00	Pump Oil, Case of 12 Bottles

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
8102.1811.00	Pump Oil, 5 Gal. Bottle
8102.1812.00	Pump Oil, Case of 2 Bottles

PUMPS – Oil caps & Dipsticks



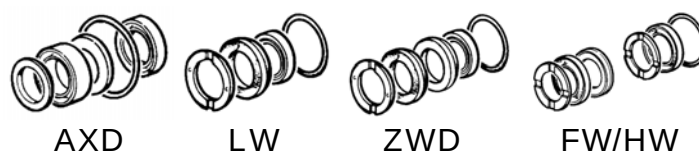
Part #	Description	
3200.0071.00	Oil Cap, AX	A
3200.0086.00	Oil Cap, BX	B
3200.0051.00	Dipstick, LW, ZW, FW, HW & RW	C
3200.0075.00	Dipstick, SW & TW	D

Repair Kits

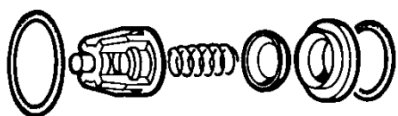


All Comet Pump repair kits contain the quantity of components necessary to rebuild the entire pump.

Seal / Packing Replacement



Check Valve Replacement

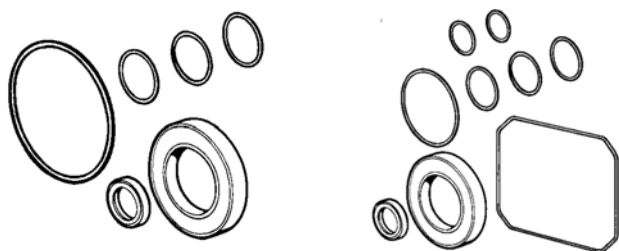


Part #	Description
5026.0257.00	VRX Check Valve Kit, 2200 PSI
5026.0263.00	VRX Check Valve Kit, 1700 PSI
5026.0270.00	VRX Check Valve Kit, 2400+ PSI
5025.0014.00	AXD/AXS & GXD Check Valve Kit
5025.0027.00	Check Valve Kit, BXD
5025.0030.00	Valve Kit, BWD & AWD
5025.0011.00	For LW, ZW, FW, HW & SW
5025.0020.00	TW Valve Kit Up to 3600 PSI
5025.0021.00	TW Valve Kit (4000+ PSI)
5025.0025.00	Valve Kit, High Flow, 5+ GPM

Part #	Description
5026.0265.00	VRX, Piston Seal Kit, 1700 PSI
5026.0256.00	VRX, Piston Seal Kit, 2200+ PSI
5019.0667.00	BXD Gas, Seal Kit, Water
5019.0671.00	BXD Elect., Seal Kit, Water
5019.0077.00	AXD/AXS Seal Kit 2,000 psi
5019.0078.00	AXD Seal Kit 2,500 psi
5019.0086.00	AXD Seal Kit 3,000 psi
5019.0686.00	BWD, AWD Seal Kit
5019.0035.00	LW Seal Kit, 15mm
5019.0037.00	LW Seal Kit, 18mm
5019.0064.00	ZWD Seal Kit, 15mm
5019.0038.00	FW Seal Kit, 18mm
5019.0039.00	FW Seal Kit, 20mm
5019.0631.00	HW Seal Kit, 18mm
5019.0673.00	RW Seal Kit 18mm, Water
5019.0672.00	RW Seal Kit 20mm, Water
5019.0648.00	SW Seal Kit 20mm, Water
5019.0645.00	TW Seal Kit 18mm, Water
5019.0646.00	TW Seal Kit 22mm, Water
5019.0647.00	TW Seal Kit 25mm, Water

*Brass Not Included

Oil Seal Replacement



Part #	Description
5019.0659.00	GXD Seal Kit
5019.0079.00	AX/AXS Oil Seal Kit
5019.0685.00	BW Oil Seal Kit
5019.0687.00	AW Oil Seal Kit
5019.0040.00	LW/ZW Oil Seal Kit Solid Shaft
5019.0044.00	FW, HW, HWS Kit Solid Shaft
5019.0041.00	LW Oil Seal Kit Hollow Shaft
5019.0065.00	ZWD Oil Seal Kit Hollow Shaft
5019.0043.00	FWS Oil Seal Kit Hollow Shaft
5019.0045.00	FW/HWD Oil Seal Kit Hollow Shaft
5019.0650.00	SW Seal Kit
5019.0644.00	TW Seal Kit, Oil (Up to 3600PSI)
5019.0649.00	TW Seal Kit, Oil (4000+ PSI)
5019.0675.00	RW Oil Seal Kit, Solid Shaft
5019.0679.00	RW Oil Seal Kit, Hollow Shaft

Unloader Repair

Part #	Description
5026.0143.00	AX/GXD Unloader Rebuild Kit
5026.0142.00	AX/GXD Unloader Kit M22X1.5
1215.0402.00	AXD Unloader Cartridge
1215.0403.00	BXD-G,BW/AW Cartridge
1215.0401.00	BXD Elect., Unloader Cartridge
5026.0144.00	AX/GXD Maintenance Kit
5026.0123.00	LW Unloader Maintenance Kit
5026.0130.00	LW Unloader Rebuild Kit

Piston Replacement



Part #	Description
5026.0260.00	VRX, Piston Seal Kit, All VRX's
2409.0126.00	GXD Piston Kit
2409.0092.00	AXD/AXS Piston Kit
2409.0103.00	AXD Piston Kit 3,000 psi
2409.0071.00	LW/ZWD Piston Kit, 15mm
2409.0072.00	LW Piston Kit, 18mm
2409.0073.00	FW/HW Piston Kit, 18mm
2409.0074.00	FW/SW Piston Kit, 20mm
2409.0146.00	RW Piston Kit, 18mm
2409.0145.00	RW Piston Kit, 20mm
2409.0116.00	TW Piston Kit 18mm
2409.0114.00	TW Piston Kit 22mm
2409.0115.00	TW Piston Kit 25mm

Hot Water

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

Part #	Description
5019.0048.00	LW, ZW, Hot Water Seal Kit, 15mm
5019.0049.00	LW, HW-Requires 2, Hot Water, 18mm
5019.0050.00	LW, Viton Seal Kit, 18mm
5019.0051.00	LW, ZW, Viton Seal Kit, 15mm
5019.0053.00	FW, Hot Water Seal Kit, 18mm
5019.0054.00	FW, HW, Hot Water Seal Kit, 20mm
5019.0676.00	RW Hot Water Seal Kit, 20mm
5019.0674.00	RW Kevlar Seal Kit, 20mm
5019.0665.00	SW Kevlar Seal Kit 20mm
5019.0670.00	SW Hot Water Seal Kit, 20mm
5019.0653.00	TW Packing Kit 18mm
5019.0654.00	TW Packing Kit 22mm
5019.0655.00	TW Packing Kit 25mm
5019.0662.00	TW Seal Kevlar Kit 22mm
5019.0663.00	TW Seal Kevlar Kit 25mm

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)
9001.5110.00	C 34/280	9.0	4060	1000	25	106	85

*Call for other pump specs available

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>
9001.5550.00	ECH 64/180	16.9	2610	800	31	177	145
9001.5540.00	ECH 59/250	15.6	3625	1000	40	177	145
9001.5530.00	ECH 44/320	11.6	4640	1000	40	177	145
9001.5520.00	ECH 38/400	10.0	5800	1000	40	177	145
9001.5510.00	ECH 26/500	6.9	7250	1000	35	177	145

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>
9001.5850.00	ECHR 64/180	16.9	2610	1200	800	31	225	162
9001.5840.00	ECHR 59/250	15.6	3625	1500	1000	40	225	162
9001.5830.00	ECHR 44/320	11.6	4640	1500	1000	40	225	162
9001.5820.00	ECHR 38/400	10.0	5800	1500	1000	40	225	162
9001.5810.00	ECHR 26/500	6.9	7250	1500	1000	35	225	162

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

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

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

PART #	MODEL #	GPM	PSI	RPM	HP	WT	OIL (OZ)
9001.5185.00	EV 19/800	4.9	11,600	900	40	199	152
9001.5180.00	EV 15/1000	3.9	14,500	730	40	199	152

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>
9001.5025.00	GL 256/110	67.6	1595	750	75	331	372
9001.5020.00	GL 212/130	56.1	1885	750	73	331	372
9001.5015.00	GL 171/160	45.2	2320	750	73	331	372
9001.5010.00	GL 135/210	35.7	3045	750	75	331	372
9001.5005.00	GL 109/260	28.8	3770	750	75	331	372
9001.5000.00	GL 92/300	24.3	4350	750	73	331	372

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>
9001.5055.00	GLR 256/110	67.6	1595	1500	750	75	386	372
9001.5050.00	GLR 212/130	56.1	1885	1500	750	73	386	372
9001.5045.00	GLR 171/160	45.2	2320	1500	750	73	386	372
9001.5040.00	GLR 135/210	35.7	3045	1500	750	75	386	372
9001.5035.00	GLR 109/260	28.8	3770	1500	750	75	386	372
9001.5030.00	GLR 92/300	24.3	4350	1500	750	73	386	372

<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>
9001.5085.00	GLR 256/110	67.6	1595	1800	750	75	386	372
9001.5080.00	GLR 212/130	56.1	1885	1800	750	73	386	372
9001.5075.00	GLR 171/160	45.2	2320	1800	750	73	386	372
9001.5070.00	GLR 135/210	35.7	3045	1800	750	75	386	372
9001.5065.00	GLR 109/260	28.8	3770	1800	750	75	386	372
9001.5060.00	GLR 92/300	24.3	4350	1800	750	73	386	372

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)
9001.5950.00	SL 316/130	83.4	1885	740	110	518	338
9001.5940.00	SL 261/160	69.9	2320	740	110	518	338
9001.5930.00	SL 212/200	56.0	2900	740	110	518	338
9001.5920.00	SL 167/250	44.1	3625	740	110	518	338
9001.5910.00	SL 135/300	35.6	4350	740	110	518	338

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 R=2.03	PUMP RPM	HP	WT (lbs.)	OIL (OZ)
9001.5955.00	SL 316/130	83.4	1885	1500	740	110	595	338
9001.5945.00	SL 261/160	69.9	2320	1500	740	110	595	338
9001.5935.00	SL 212/200	56.0	2900	1500	740	110	595	338
9001.5925.00	SL 167/250	44.1	3625	1500	740	110	595	338
9001.5915.00	SL 135/300	35.6	4350	1500	740	110	595	338

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

ANTI-FREEZE - Pump Saver



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

Part #	Description
8102.5000.00	Pump Saver

BALL COUPLING



- 12 GPM @ 3600 PSI
- 300° F

Part #	Description
8108.8304.00	Coupler, G 1/4" M MV #0212006150
8108.9150.00	Plug, G 1/4" F MV #0121720120

BRUSH - Rotating



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

Part #	Description
8108.9152.00	Brush, Nylon Bristles MV #0201000001
8108.8300.00	Brush, Horse Hair Bristles MV #0201000011

BRUSH - Rotating w/Joint



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

Part #	Description
8108.3303.00	Brush, Nylon Bristles MV #0201000002
8108.3304.00	Brush, Horse Hair Bristles MV #0201000012

BURNER RINGS



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

Part #	Description
8102.0120.00	BR-32 Burner Ring, 32-Nozzle
8102.0141.00	BR-44 Burner Ring, 44-Nozzle
8102.0162.00	BR-88 Burner Ring, 88-Nozzle
8102.0100.00	Replacement Nozzle

*Specify Orifice Sizing at Time of Order

CARTS - Pressure Washer

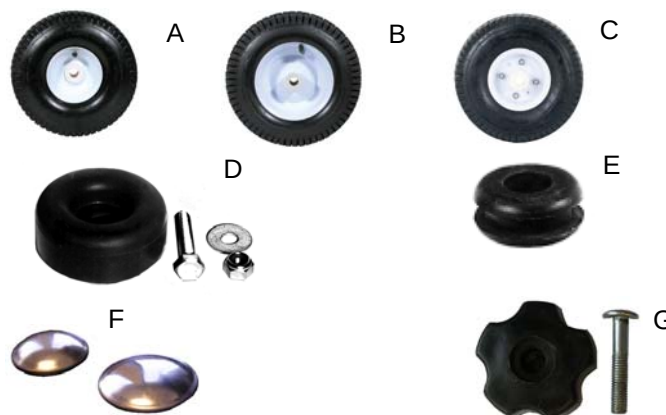


- Durable Powder Coat
- Pneumatic Wheels
- Nickel Axle Caps
- Rubber Foot Pads
- Rubber Nozzle Grommets
- Heavy-Duty Welded Steel Frame Cart
- 3/4" Axle



Part #	Description
8102.0201.00	Cart, 10" Wheels Up to 6.5 HP Gas Engine or 56C Electric Motor Base Dimensions: 13" x 12 3/4"
8102.0202.60	Cart, 10" Wheels Up to 13 HP Gas Engine Base Dimensions: 12 1/4" x 19 3/4"
8102.0203.50	Cart, 13" Wheels 11-20 HP Gas Engine or 182-184T Electric Motor Base Dimensions: 13 3/4" x 20 3/4"

CARTS - Components



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

CARTS - Components



4" Pulley



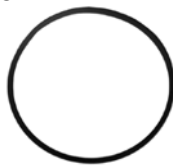
1" Bushing



24mm Bushing



9" Pulley



Belt

Part #	Description
8102.0270.00	4" Pulley
8102.0271.00	24mm Bushing
8102.0272.00	1" Bushing
8102.0276.00	9" Pulley
8102.0274.00	40" Belt B-Style
8102.0275.00	Pulley & Belt Assembly Kit
[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
8201.0000.00	Clutch, Single Groove
7600.0100.00	Plate, 2-1/2" Dia. A
For Pump Models FW, HW, RW, SW & TW	
7600.0101.00	Plate, 1-1/2" Dia. B
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
8102.0301.00	Brass Socket, 1/4" FPT
8102.0302.00	Brass Socket, 3/8" FPT
8102.0303.00	Brass Socket, 1/4" MPT
8102.0304.00	Brass Socket, 3/8" MPT
8102.0356.00	Brass Socket, 1/2" MPT
8102.0357.00	Brass Socket, 1/2" FPT

Brass Sockets w/ Stainless Collar

Part #	Description
8102.0305.00	Socket, 1/4" FPT w/ Stainless Collar
8102.0307.00	Socket, 1/4" MPT w/ Stainless Collar
8102.0308.00	Socket, 3/8" MPT w/ Stainless Collar

Zinc Plated Steel Sockets

Part #	Description
8102.0313.00	Zinc Socket, 1/4" FPT
8102.0314.00	Zinc Socket, 3/8" FPT
8102.0317.00	Zinc Socket, 1/4" MPT
8102.0318.00	Zinc Socket, 3/8" MPT

Stainless Steel Sockets-5000 PSI

Part #	Description
8102.0309.00	Stainless Steel Socket, 1/4" FPT
8102.0310.00	Stainless Steel Socket, 3/8" FPT
8102.0311.00	Stainless Steel Socket, 1/4" MPT
8102.0312.00	Stainless Steel Socket, 3/8" MPT

O-RINGS - Replacement

Part #	Description
8102.0301.01	"O" Ring for 1/4" Couplers
8102.0302.01	"O" Ring for 3/8" Couplers
8102.0301.02	Viton "O" Ring for 1/4" Couplers
8102.0302.02	Viton "O" Ring for 3/8" Couplers

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
8102.0350.00	Brass Plug, 1/4" FPT
8102.0351.00	Brass Plug, 1/4" MPT
8102.0352.00	Brass Plug, 3/8" FPT
8102.0353.00	Brass Plug, 3/8" MPT
8102.0360.00	Brass Plug, 1/8" MPT
8102.0361.00	Brass Plug, 1/8" FPT
8102.0362.00	Brass Plug, 1/2" MPT
8102.0363.00	Brass Plug, 1/2" FPT

ST-N2 Steel Plugs

Part #	Description
8102.0320.00	Steel Plug, 1/4" FPT
8102.0321.00	Steel Plug, 1/4" MPT
8102.0322.00	Steel Plug, 3/8" FPT
8102.0323.00	Steel Plug, 3/8" MPT
8102.0354.00	Steel Plug, 1/2" MPT
8102.0355.00	Steel Plug, 1/2" FPT

Hardened Steel Plugs

Part #	Description
8102.0324.00	Hardened Steel Plug, 1/4" FPT
8102.0325.00	Hardened Steel Plug, 1/4" MPT
8102.0326.00	Hardened Steel Plug, 3/8" FPT
8102.0327.00	Hardened Steel Plug, 3/8" MPT
8102.0358.00	Hardened Steel Plug, 1/8" FPT

Stainless Steel Plugs-5000 PSI

Part #	Description
8102.0328.00	Stainless Steel Plug, 1/4" FPT
8102.0329.00	Stainless Steel plug, 1/4" MPT
8102.0330.00	Stainless Steel Plug, 3/8" FPT
8102.0331.00	Stainless Steel Plug, 3/8" MPT

COUPLERS - Insulated



- 212°F
- 10 GPM
- 5000 PSI



Part #	Description
8402.1301.00	Coupler, 1/4" Insulated FPT
8402.1302.00	Coupler, 1/4" Insulated MPT
8402.1303.00	Coupler, 3/8" Insulated FPT
8402.1304.00	Coupler, 3/8" Insulated MPT

COUPLERS - Rotating



- NEW**
- 11 GPM @ 3600 PSI
 - 300° F

Part #	Description
8108.8019.00	Body G 3/8" F MV #0212000020
8108.9156.00	Body G 1/4" F MV #0212000030
8108.9157.00	Body G 1/4" M MV #0212000050
8108.9124.00	Plug G 1/4" M MV #0212000150

COUPLERS - Swivel



- NEW**
- 11 GPM @ 3200 PSI
 - 300° F

Part #	Description
8108.9126.00	Coupler, 3/8" MPT x 3/8" FPT MV #0212006010

COUPLERS - Twist Connect/QC



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

Part #	Description
8102.8518.00	3/8" QC Socket X M22M
8102.8519.00	3/8" QC Plug x M22F

COUPLERS - Twist Connect-M22



- 11 GPM @ 3600 PSI
- 300° F



Part #	Description
8108.9125.00	Body, 1/4" FPT x M22 MV #0212003530
8108.8302.00	Body, 1/4" MPT x M22 MV #0212003550
8108.7004.00	Body, 3/8" FPT x M22 MV #0212003520
8108.8301.00	Body, 3/8" FPT x M22 MV #0212003540
8108.8303.00	Plug, 1/4" FPT x M22 MV #0212003630
8108.7005.00	Plug, 1/4" MPT x M22 MV #0212003650
8108.7006.00	Plug, 3/8" FPT x M22 MV #0212003620
8108.7007.00	Plug, 3/8" MPT x M22 MV #0212003640

COUPLERS - Twist Connect-M22



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

Part #	Description	
8102.6000.00	Body, 1/4" FPT x M22F, Zinc	A
8102.6001.00	Body, 3/8" FPT x M22F, Zinc	C
8102.6020.00	Body, 1/4" MPT x M22F Brass	B
8102.8521.00	Body, 3/8" MPT x M22F Brass	D
8102.6002.00	Plug, 1/4" FPT x M22	E
8102.6003.00	Plug, 3/8" FPT x M22	G
8102.6004.00	Plug, 1/4" MPT x M22	F
8102.6005.00	Plug, 3/8" MPT x M22	H
8102.6000.01	O-ring, Twist Connect	

COUPLERS - Twist Connect-M22



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

Part #	Description
8108.0301.00	Body, 1/4" FPT x M22
8108.0302.00	Body, 1/4" MPT x M22
8108.0311.00	Plug, 1/4" FPT x M22
8108.0312.00	Plug, 1/4" MPT x M22
8108.0314.00	Plug, 3/8" MPT x M22

ENGINE KEYS



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

Part #	Description
8102.2800.00	Engine Shaft Key-3/4" Solid Shaft
8102.2801.00	Engine Shaft Key-1" Solid Shaft

FILTER/HOSE ASSEMBLY



- Industrial Duty Hose
- Chemical Filter with Check Valve

Part #	Description
8102.3000.00	Chemical Hose Assembly, 3 ft.
8102.3002.00	Chemical Hose Assembly, 4 ft.
8102.3001.00	Chemical Hose Assembly, 6 ft.

FILTERS - Canister



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

Part #	Description
8107.0430.00	Polycarbonate Housing
8107.0431.00	Filter, Plastic, 60 Microns, 10"
8107.0432.00	Filter, Carbon Block, 5 Microns

FILTERS - Chemical Suction



• Box Qty 100

• 20

• 50

• 50

• 50

Part #	Description	Style
8107.2001.00	Chemical Strainer--w/o Check	A
8107.2002.00	Chemical Strainer--with Check	A
8107.2007.00	Chemical Strainer--with Check	A
8107.2005.00	Chemical Strainer--with Check	B
8107.2003.00	Chemical Strainer--with Ballast	C
8107.2004.00	Chemical Strainer--with Ballast	D
8107.2006.00	Chemical Strainer--w/o Check	E
8108.9119.00	Intake Strainer, MV 15	F
	MV #0211000120	
8108.9118.00	Intake Strainer, MV 16 w/Check	G
	MV #0211000110	
8108.9117.00	Intake Strainer, MV 13	H
	MV #0211000021	

FILTERS - High Pressure



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

Part #	Description
8402.0335.00	Filter 1/4" MPT x 1/4" FPT
8402.0334.00	Filter 1/4" MPT x QC

FILTERS - High Pressure Brass



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

Part #	Description
8107.0411.00	HP Filter, 1/4" QC x 1/4" MPT
8107.0410.02	Replacement Screen
8107.0410.03	Inner Screen Support

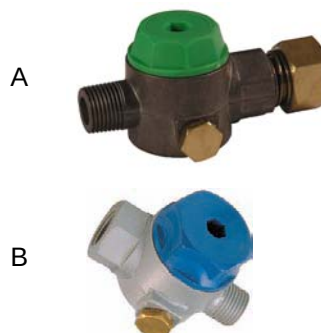
FILTERS - High Pressure



- 4000 PSI
- 210° F

Part #	Description
8108.9122.00	Filter, QC Inlet x 1/4" M Outlet MV #0211000650

FILTERS - Inlet



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

Part #	Description
8402.0410.00	Inlet Filter, Alum. Body
8102.0401.00	Inlet Filter, Black Alum. Body w/ Garden Hose Adaptor
8102.0422.00	Replacement Green Cap only for 8102.0401.00
8102.0420.00	Replacement Housing
8102.0421.00	Replacement Screen
8107.0400.00	Inlet Filter, Alum., Dual Bypass

FILTERS - Inlet, Clear



***Patent Pending**

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

Part #	Description
8102.0460.00	Filter, 1/2" Outlet
8102.0461.00	Filter, 1/2" Outlet, 1/4" By-Pass
8102.0460.01	Replacement Sleeve
8102.0460.02	Replacement O-Ring

FILTERS - Strainer



NEW

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

Part #	Description
8108.9123.00	Strainer, 50 Mesh, MV 18 MV #0211001050

FILTERS - Tank Suction



- Straining Power
400 Microns

Part #	Description
8107.0440.00	Tank Suction Filter
8107.0450.00	Tank Suction Filter w/check

FILTERS - Y Intake Strainers



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

Part #	Description
8107.2011.00	1/2" FPT x 1/2" FPT MV #0211000520
8107.2012.00	3/4" FPT x 3/4" FPT MV #0211000530
8107.2013.00	1" FPT x 1" FPT MV #0211000540

FITTING KIT - Bayonet Style



NEW

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

Part #	Description
8102.0600.00	Fitting Kit, 5 Pack

FITTINGS - Brass, Misc.



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



Part #	Description
8102.0503.00	Street Elbow, 1/4" M x 1/4" F
8102.0504.00	Street Elbow, 3/8" M x 3/8" F
8102.0509.00	Elbow, 3/8" MNPT x 1/4" FNPT
8107.0508.00	Street Elbow, 1/2" M x 1/2" F
8102.0502.00	Tee, 3/8" F x 3/8" F x 3/8" F
8102.0505.00	Hex Nipple, 3/8" MPT x 3/8" MPT
8102.6011.00	Hex Nipple, 1/2" MPT x 1/2" MPT
8116.0005.00	Nipple, M22M x 1/2" BSP
8102.0506.00	Hex Bushing, 1/2" M x 3/8" F
8102.0507.00	Hose Barb, 1/4" MPT x 3/8" Barb
8102.0508.00	Hose Barb, 3/8" MPT x 3/8" Barb
8102.8502.00	Fitting, 1/2" MGH

FITTINGS - Garden Hose



SS Tension Spring

A



1/4" FPT By-Pass Port

B



C



D

- Solid brass fittings
- Precision threads

Part #	Description	
8105.0500.00	1/2" MPT x FGH	B
8105.0501.00	3/8" MPT x FGH	B
8105.0502.00	1/2" FPT x FGH	C
8105.0600.00	3/8" MPT x FGH	A
8105.0601.00	1/2" MPT x FGH	A
8102.0450.00	Filter Washer for GH Adapter	D

FITTINGS - QC Garden Hose



A



B



C

- Solid Brass Fittings
- Precision Threads
- Box Qty 100

Part #	Description	
8102.0335.00	Plug, Brass, 1/2" QC x MGH	A
8102.0336.00	Coupler, Brass, 1/2" QC x FGH	B
8102.0337.00	Garden Hose QC Set	
8102.0338.00	Plug, Brass, 3/4" FBSP	C

FITTINGS – QC Plug


NEW

- 11 GPM @ 4000 PSI
- 300° F Max

Part #	Description
8108.9014.00	Plug, 3/8" Female, Zinc Plated MV #0121730050

FOAMER


NEW

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

Part #	Description
8108.2610.00	Foamer MV #0202001000

FOAMER - Professional


NEW

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

Part #	Description
8108.2611.00	Foamer MV #0202001020

FLOAT TANK & VALVES



A

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

- Box Qty 25



B

- Box Qty 50

C



- Box Qty 10

Part #	Description	
8107.2602.00	Float Valve, Brass, 3/4"	A
8107.2601.00	Float Valve, Plastic, 3/4"	B
8107.2605.00	Float Valve, Brass 1/2"	A
8107.2608.00	Rubber Seal for Brass Float	
8107.2611.00	Float Tank with Lid	C
8108.8015.00	Tank with Bulkhead NEW	C
	MV #0210000010	

GAUGES - Pressure



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

Part #	Description
8106.0613.00	Gauge, 3000 PSI, Stainless Steel
8106.0614.00	Gauge, 4000 PSI, Stainless Steel
8106.0615.00	Gauge, 6000 PSI, Stainless Steel

GAUGES - Quick Disconnect Kit



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

Part #	Description
8102.0332.00	QD Gauge Kit Fitting
8102.0340.00	QD Gauge Kit w/4000 PSI Gauge

GEAR REDUCERS - Gas Engine



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

Part #	Description
5005.0207.00	Gear Reducer, 2.2:1", 9-20 HP
5005.0209.00	Gear Reducer, 1-1/8", 9-20 HP
5005.0236.00	Gear Reducer, 1" Shaft, 25 HP
5005.0237.00	Gear Reducer, 1-1/8" Shaft, 25 HP

GEAR REDUCER - Premium Pumps



Part #	Description
8116.0200.00	Gear Reducer, 1-1/8", B24-24 HP
8116.0200.01	Spacer w/1-1/8" Reducer - 4 Required
8116.0201.00	Gear Reducer, 1", B24-24 HP


NEW

Part #	Description
8116.0204.00	Gear Reducer, 1", B11-18 HP

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
7500.0000.00	GFI W/30' Cord
0456.0116.00	GFCI
7500.0001.00	Adapter Plug
7500.0002.00	Plug for 12 AWG
7500.0005.00	Plug for 12, 14 & 16 AWG

GUNS – Accessory



- Helps Prevent Hand Fatigue

Part #	Description
7600.0001.00	Open Trigger Lock

GUNS – RL 80



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

Part #	Description
8116.1603.00	Spray Gun, 21 GPM, 8100 PSI

RL 80 Extension



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

Part #	Description	Max PSI
8116.1603.10	Lance Extension	8100

GUNS – RL 84



NEW

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

Part #	Description
8116.1608.00	Spray Gun, 21 GPM, 8100 PSI

GUNS – 12050



Pure
Pressure

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

Part #	Description
8108.1606.00	Spray Gun, 12 GPM, 5075 PSI MV #0200003540
8108.1604.01	Repair Kit MV #0200103500

GUNS – MV 2002



NEW

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

Part #	Description
8108.8604.00	Spray Gun, 11 GPM @ 5075 PSI MV #0200011010
8108.8604.01	Repair Kit MV #0200111000

GUNS – MV 2002, Swivel



NEW

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

Part #	Description
8108.9036.00	Spray Gun, 11 GPM @ 5075 PSI MV #0200011050
8108.8604.01	Repair Kit MV #0200111000

GUNS – MV 2002, Stainless Steel



NEW

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

Part #	Description
8108.9037.00	Spray Gun, 11 GPM @ 5075 PSI MV #0200011510
8108.8604.01	Repair Kit MV #0200111000

GUNS – MV 940



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

Part #	Description
8108.9027.00	Spray Gun, 8 GPM @ 5075 PSI MV #0200003510
8108.1604.01	Repair Kit MV #0200103500

GUNS – 8050



Pure
Pressure

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

Part #	Description
8108.1604.00	Spray Gun, 8 GPM, 5075 PSI MV #0200003530
8108.1604.01	Repair Kit MV #0200103500

GUNS - MV 2001



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

Part #	Description
8108.9034.00	Spray Gun MV #0200010010
8108.9034.01	Repair Kit MV #0200110000

GUNS - MV 2001 w/Swivel



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

Part #	Description
8108.9035.00	Spray Gun MV #0200010050
8108.9034.01	Repair Kit MV #0200110000

GUNS – 10050



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

Part #	Description
8402.1600.00	Spray Gun

GUNS – MV 880



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

Part #	Description
8108.1605.00	Spray Gun, 11 GPM @ 4500 PSI MV #0200008010
8108.1605.01	Repair Kit MV #0200108000

GUNS – Astra 320



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

Part #	Description
8107.1610.00	Astra 320 Spray Gun
8107.1611.00	Astra 320 Spray Gun, Weep
8107.1610.01	Astra Repair Kit
8107.1611.02	Astra Weep Repair kit (Valve Assembly Only)

GUNS – MV 880 Triggerless



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

Part #	Description
8108.9030.00	Spray Gun, 11 GPM @ 4500 PSI MV #0200008020
8108.1605.01	Repair Kit MV #0200108000

GUNS – Weep MV 890



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

Part #	Description
8108.8602.00	Spray Gun, Weep MV #0200008700
8108.1603.01	Repair Kit, Standard MV #0200105000

GUNS – MV 950



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

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

GUNS – MV 890



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

Part #	Description
8108.9031.00	Spray Gun, 8 GPM @ 4500 PSI MV #0200008510
8108.1603.01	Repair Kit, Standard MV #0200105000

GUNS – Weep MV 950



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

Part #	Description
8108.9032.00	Spray Gun, 8 GPM @ 4500 PSI MV #0200008880
8108.1603.01	Repair Kit, Standard MV #0200105000

GUNS – MV 920



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

Part #	Description
8108.8603.00	Spray Gun, 7 GPM @ 4500 PSI MV #0200009390
8108.1625.01	Repair Kit MV #0200109000

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
8107.1609.00	Iride, Free Flow Through Gun

GUNS - MV 810



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

Part #	Description
8108.9029.00	Spray Gun MV #0200005020
8108.1603.01	Repair Kit, Standard MV #0200105000

GUNS-10540



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

Part #	Description
8102.1603.00	Spray Gun, 10.5 GPM @ 4000 PSI
8102.1602.01	Repair Kit

GUNS – MV 2005



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

Part #	Description
8108.1620.00	Spray Gun, 8 GPM @ 4000 PSI MV #0200007180
8108.1620.01	Repair Kit MV #0200107100

GUNS – Iride 280



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

Part #	Description
8107.1601.00	Iride 280 Spray Gun
8107.1602.00	Iride 280 Spray Gun, Weep
8107.1601.01	Iride Repair Kit, Mini [Valve Assembly Only]
8107.1601.02	Iride Repair Kit, Standard

GUNS – MV 920



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

Part #	Description
8108.8003.00	Spray Gun, 7 GPM @ 4000 PSI MV #0200009010
8108.1625.01	Repair Kit MV #0200109000

GUNS – MV 920, M22



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

Part #	Description
8108.9033.00	Spray Gun, 7 GPM @ 4000 PSI MV #0200009330
8108.1625.01	Repair Kit MV #0200109000

GUNS – Weep MV 920 W



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

Part #	Description
8108.1625.00	Spray Gun, 7 GPM @ 4000 PSI MV #0200009190
8108.1625.01	Repair Kit MV #0200109000

GUNS – MV 2005



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

Part #	Description
8108.8601.00	Spray Gun, 8 GPM @ 3700 PSI MV #0200007120
8108.8601.01	Repair Kit MV #0200107110

GUNS – MV 2006



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

Thumb wheel for high to low pressure adjustment

Part #	Description
8108.8600.00	Spray Gun, 8 GPM @ 3700 PSI MV #0200006120
8108.8600.01	Repair Kit MV #0200106110

GUNS – RL 19



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

Part #	Description
8116.1602.00	Spray Gun, 53 GPM, 3200 PSI

GUNS – Aura 210



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

Part #	Description
8107.1620.00	Aura 210 Spray Gun
8107.1621.00	Aura 210 Spray Gun, Weep

GUNS – Front Entry-7027



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

Part #	Description
8102.1601.00	Spray Gun, 7 GPM @ 2750 PSI
8102.1601.01	Repair Kit

GUNS – MV 960



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

Part #	Description
8108.9028.00	Spray Gun, 7 GPM @ 2600 PSI MV #0200004810
8108.1601.01	Repair Kit, Standard MV #0200104000

GUNS – Front Entry-7025



Pure Pressure

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

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

GUNS – MV 910



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

Part #	Description
8108.1607.00	Spray Gun, 5 GPM @ 2000 PSI MV #0200006000

GUNS – RL 124



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

Part #	Description
8116.1609.00	Spray Gun, 32 GPM, 1950 PSI

RL 100 Extension



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

Part #	Description	Max PSI
8116.1601.10	Lance Extension	1800

GUN LANCE – Molded



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

Part #	Description
8102.1640.00	Gun Lance

GUN LANCE – Vented, MV 890



NEW

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

Part #	Description
8108.9042.00	Gun Lance, 8 GPM, 4500 PSI MV #0200908530

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
8107.1646.00	Molded Grip, Stainless Steel

GUN LANCE – Molded, MV 920



NEW

- 7 GPM @ 4000 PSI
- 300° F Max

Part #	Description
8108.7640.00	3/8" Inlet x 1/4" F Outlet MV #0200909250
8108.7641.00	Weep, 3/8" F Inlet x 1/4" F Outlet MV #0300909290

GUN LANCE – Molded, MV 2009



NEW

- 7 GPM @ 3800 PSI
- 212° F Max

Part #	Description
8108.7601.00	3/8" Inlet x M22F Outlet MV #0200905510
8108.9040.00	M22M Inlet x M22F Outlet MV #0200905520

GUN LANCE – Vented, MV 2005



NEW

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

Part #	Description
8108.8607.00	Gun Lance, 8 GPM, 3700 PSI MV #0200917120

GUN LANCE – Vented, MV 2006



NEW

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

Part #	Description
8108.9043.00	Gun Lance, 8 GPM, 3700 PSI MV #0200916120

GUN LANCE – Vented, MV 2005



NEW

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

Part #	Description
8108.8641.00	Gun Lance, 8 GPM, 3700 PSI MV #0200917180

GUN LANCE – Molded, MV 990



NEW

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

Part #	Description
8108.9038.00	Gun Lance, 7 GPM, 3200 PSI MV #0200902550

GUN LANCE – Molded, MV 2008


NEW

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

Part #	Description
8108.7600.00	3/8" Inlet x M22F Outlet MV #0200903520
8108.9039.00	M22M Inlet x M22F Outlet MV #0200903530

GUN LANCE – Molded, MV 970


NEW

- 7 GPM @ 3200 PSI
- 140° F Max

Part #	Description
8108.8606.00	3/8" Inlet, M22F Outlet MV #0200907110
8108.9041.00	M22M Inlet, M22F Outlet MV #0200907100

GUN LANCE – MT4 Lance, Aura



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

Part #	Description
8107.1658.00	Aura 210, MT4 Grip, Zinc Plated

GUN LANCE – Molded, MV 2000


NEW

- 5 GPM @ 2900 PSI
- 104° F Max

Part #	Description
8108.8605.00	Gun Lance, M22M Inlet x M22F MV #0200903000
8108.8640.00	Gun Lance, 3/8" Inlet x M22F MV #0200903030

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
8102.2600.00	Gun/Lance, Hose Assy & M22

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
8115.0801.00	3000-25, Black, 25'
8115.0802.00	3000-50, Black, 50'
8115.0803.00	3000-100, Black, 100'
8115.0820.00	3000-25, Non-Marking Gray, 25'
8115.0821.00	3000-50, Non-Marking Gray, 50'
8115.0822.00	3000-100, Non-Marking Gray, 100'

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
8115.0810.00	4500-25, Black, 25'
8115.0811.00	4500-50, Black, 50'
8115.0813.00	4500-75, Black, 75'
8115.0812.00	4500-100, Black, 100'
8115.0830.00	4500-25, Non-Marking Gray, 25'
8115.0831.00	4500-50, Non-Marking Gray, 50'
8115.0832.00	4500-100, Non-Marking Gray, 100'

HOSE REEL SWIVEL



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

Part #	Description
8112.0803.00	Hose Reel Swivel, 90° Rotary Union
8112.0810.00	Hose Reel Swivel Repair Kit

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

HOSE REELS - Black


8112.0802.00

8102.0802.00

Part #	Description
8112.0802.00	Hose Reel, Black, 4000 PSI, 100'
8102.0802.00	Hose Reel, Black, 4000 PSI, 200'
8112.0804.00	Hose Reel Swivel, 90°
8112.0804.01	Repair kit

*For Hose Reel 8112.0802.00 & 8102.0802.00

HOSE REELS - Stainless Steel



- 4000 PSI
- 200'
- 160° F

Part #	Description
8112.0807.00	Hose Reel, Stainless Steel
8112.0808.00	Hose Reel Swivel
8112.0808.01	Repair Kit, Swivel
*For Hose Reel 8112.0807.00 (4000 PSI)	

INJECTORS – Downstream


MVR400
NEW

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

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

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
8402.2122.00	Injector, Adjustable 1.8 mm	2-3
8402.2123.00	Injector, Adjustable 2.1 mm	3-5
8402.2124.00	Injector, Adjustable 2.3 mm	5-8

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
8107.2122.00	Injector, Adjustable 1.6mm	1-2
8107.2123.00	Injector, Adjustable 1.8mm	2-3
8107.2124.00	Injector, Adjustable 2.3mm	5-8

INJECTORS – Downstream



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

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

NEW
NEW

INJECTORS – Downstream


NEW

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

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

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
8102.2101.00	Injector, Adjustable	2.1mm	3-5



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

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

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
8107.1667.00	Karcher
8107.1668.00	1/4 FNPT Discharge
8107.1669.00	M22M/2 "O" Ring Discharge

A
B
B

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
8107.1673.00	Astra 320	1/2 G M
8107.1674.00	Astra 320	M22M
8107.1676.00	Astra 320	M22M w/Swivel

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
8107.1680.00	Iride 280	3/8 G F
8107.1681.00	Iride 280	1/4 G F
8107.1682.00	Iride 280	3/8 FNPT
8107.1683.00	Iride 280	1/2 G M
8107.1684.00	Iride 280	M22M
8107.1685.00	Iride 280	3/8 G F w/Swivel
8107.1686.00	Iride 280	M22M w/Swivel

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
8107.1664.00	Iride 280 - Karcher w/Swivel

SPRAY TIP RETAINER (Karcher)



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

Part #	Description
8107.3000.00	Spray Tip Retainer, Karcher

PLUG – SS (KEW)



- High Grade 416 Stainless Steel
- Box Qty 25

Part #	Description
8107.1677.00	KEW Plug Standard

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
8107.1295.00	Lance, Vented, 35.5", Zinc Plated
8107.1295.01	O-Ring, Lance Repair Kit
8107.1298.00	O-Ring, Lance Repair Kit

LANCES – Vented (KEW)



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

Part #	Description
8107.1290.00	Lance, Vented, 27.5", Zinc Plated
8107.1291.00	Lance, Vented, 47.5", Zinc Plated
8107.1292.00	Lance, Vented, 67", Zinc Plated

LANCES – Dual Vented



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

Part #	Description
8108.1101.00	Dual Lance, 42" Stainless Steel MV #0202003130

LANCES – Dual Vented



- 11 GPM @ 3600 PSI
- 300° F

Part #	Description
8108.1100.00	Lance, Vented 40" Zinc Plated MV #0202003140

LANCES – Dual MV 30



- 11 GPM @ 3600 PSI
- 300° F

Part #	Description
8108.8100.00	Lance, 40" Chrome Plated MV #0202003020

LANCES – Dual



- 11 GPM @ 3600 PSI
- 300° F

Part #	Description
8108.8020.00	Gun Lance, M22M Inlet MV #0202004691

LANCES – Dual Vented



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

Part #	Description
8107.1101.00	Dual Lance, 42" Stainless Steel

Repair Parts-Box Qty 10

8107.1101.01	Dual Lance Repair Kit
8107.1101.02	Valve Kit Back-Up Ring
8107.1101.03	Valve Kit "O"Ring
8107.1101.04	Plastic Nozzle Protector
8107.1101.08	O-ring

LANCES – Dual



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

Part #	Description
8107.1103.00	Molded Grip Economy Lance

LANCES – Dual



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

Part #	Description	
8110.1101.00	Molded Grip, 36"	A
8107.1110.00	Vented Grip, w/Trigger	B

LANCES – Straight, Molded Grip



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

Part #	Description
8102.1200.00	Lance, Molded Grip, 13"
8102.1201.00	Lance, Molded Grip, 18"
8102.1202.00	Lance, Molded Grip, 24"
8102.1203.00	Lance, Molded Grip, 36"
8102.1204.00	Lance, Molded, Split Grip, 47"
8102.1205.00	Lance, Molded, Split Grip, 59"
8102.1250.00	Lance, Single Mold, 59"
8102.1206.00	Lance, Molded, Split Grip, 70"
8102.1207.00	Lance, Molded, Split Grip, 79"

LANCES – Straight, Molded Grip



- MV20/B
- 11 GPM @ 4000 PSI
- 300° F

Part #	Description
8108.1200.00	Spray Lance, Molded 13" MV #0202002000
8108.1201.00	Spray Lance, Molded 18" MV #0202002010
8108.8102.00	Spray Lance, Molded 24" MV #0202002040
8108.1203.00	Spray Lance, Molded 36" MV #0202002060
8108.1204.00	Spray Lance, Molded 47" MV #0202002080
8108.1205.00	Spray Lance, Molded 59" MV #0202002090
8108.1206.00	Spray Lance, Molded 70" MV #0202002110
8108.1207.00	Spray Lance, Molded 79" MV #0202002100

LANCES – Straight, Molded Grip



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

Part #	Description	Box Qty
8107.1200.00	Lance, Molded, 12"	N/A
8107.1201.00	Lance, Molded, 18"	120
8107.1202.00	Lance, Molded, 24"	60
8107.1208.00	Lance, Molded, 27.5"	60
8107.1203.00	Lance, Molded, 36"	60
8107.1204.00	Lance, Molded, Split, 47"	40
8107.1206.00	Lance, Molded, Split, 70"	75
8107.1207.00	Lance, Molded, Split, 79"	75

LANCES – Straight, Molded Grip



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

Part #	Description
8102.1233.00	Lance, 18", 1/4" MNPS x 1/8" FNPS
8102.1234.00	Lance, 24", 1/4" MNPS x 1/8" FNPS
8102.1235.00	Lance, 36", 1/4" MNPS x 1/8" FNPS

LANCES – Straight, Molded Grip



- MV 55
- 11 GPM @ 4000 PSI
- 300° F

Part #	Description
8108.9047.00	Lance, 28" Molded Grip MV #0202015500
8108.9048.00	Lance, 36" Molded Grip MV #0202015510
8108.9049.00	Lance, 47" Molded Grip MV #0202015520
8108.9050.00	Lance, 59" Molded Grip MV #0202015530

LANCES – Stainless, Molded Grip



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

Part #	Description
8108.9045.00	Lance, 36" Molded Grip MV #0202002560

LANCES – Bent, Molded Grip



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

Part #	Description
8107.1270.00	Lance, Molded, 27.5", Zinc
8107.1271.00	Lance, Molded, 35.5", Zinc
8107.1272.00	Lance, Molded, 47.5", Zinc
8107.1273.00	Lance, Molded, 59", Zinc
8107.1274.00	Lance, Molded, 67", Zinc
8107.1275.00	Lance, Molded, 79", Zinc
8107.1280.00	Lance, Molded, 27.5", SS Tubing
8107.1281.00	Lance, Molded, 35.5", SS Tubing
8107.1282.00	Lance, Molded, 47.5", SS Tubing
8107.1283.00	Lance, Molded, 59", SS Tubing
8107.1284.00	Lance, Molded, 67", SS Tubing
8107.1285.00	Lance, Molded, 79", SS Tubing

LANCES – Molded Grip, Zinc, Bent



- MV 55
- 11 GPM @ 4000 PSI
- 300° F

Part #	Description
8108.9051.00	Lance, 28" Molded Grip MV #0202015600
8108.9052.00	Lance, 36" Molded Grip MV #0202015610
8108.9053.00	Lance, 47" Molded Grip MV #0202015620

LANCES – Molded Grip, Stainless, Bent



- MV 55
- 11 GPM @ 4000 PSI
- 300° F

Part #	Description
8108.9054.00	Lance, 28" Molded Grip MV #0202015800
8108.9055.00	Lance, 36" Molded Grip MV #0202015810
8108.9056.00	Lance, 47" Molded Grip MV #0202015820

LANCES – Straight, Aluminum



- 10.5 GPM
- 4100 PSI
- 300°

Part #	Description
8107.1222.00	Lance, Non-Molded 24"
8107.1223.00	Lance, Non-Molded 36"
8107.1224.00	Lance, Non-Molded 48"
8107.1225.00	Lance, Non-Molded 59"
8107.1226.00	Lance, Non-Molded 79"
8107.1227.00	Lance, Non-Molded 84"
8107.1228.00	Lance, Non-Molded 96"

LANCES – Straight, Non-Molded



- Zinc Plated
- 11 GPM @ 4000 PSI
- 300°

Part #	Description
8108.1210.00	Spray Lance, Non-Molded 12" MV #0113730050
8108.1211.00	Spray Lance, Non-Molded 18" MV #0113770000
8108.1212.00	Spray Lance, Non-Molded 24" MV #0113770070
8108.1213.00	Spray Lance, Non-Molded 36" MV #0113770080
8108.1214.00	Spray Lance, Non-Molded 48" MV #471111
8108.1216.00	Spray Lance, Non-Molded 59" MV #471112

LANCES – Straight, Non-Molded



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

Part #	Description
8102.1210.00	Spray Lance, Non-Molded 12"
8102.1211.00	Spray Lance, Non-Molded 18"
8102.1212.00	Spray Lance, Non-Molded 24"
8102.1213.00	Spray Lance, Non-Molded 36"
8102.1214.00	Spray Lance, Non-Molded 47"
8102.1216.00	Spray Lance, Non-Molded 59"

LANCES – Straight, Non-Molded



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

Part #	Description
8107.1210.00	Spray Lance, Non-Molded 12"
8107.1211.00	Spray Lance, Non-Molded 18"
8107.1212.00	Spray Lance, Non-Molded 24"
8107.1213.00	Spray Lance, Non-Molded 36"
8107.1214.00	Spray Lance, Non-Molded 47"
8107.1216.00	Spray Lance, Non-Molded 59"

LANCES – Straight, Non-Molded


NEW

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

Part #	Description
8102.1230.00	Lance, 18", 1/4" MNPS x 1/8" FNPS
8102.1231.00	Lance, 24", 1/4" MNPS x 1/8" FNPS
8102.1232.00	Lance, 36", 1/4" MNPS x 1/8" FNPS

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
8107.1245.00	Spray Lance - No Grip, 10"
8107.1247.00	Spray Lance - No Grip, 31.5"

LANCES – Vented-S3-350



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

Part #	Description
8116.1200.00	41" Insulated, Stainless Steel

LANCES – Bent, Vented Grip



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

Part #	Description
8107.1250.00	Lance, Vented, 27.5", Zinc Plated
8107.1251.00	Lance, Vented, 35.5", Zinc Plated
8107.1252.00	Lance, Vented, 47.5", Zinc Plated
8107.1253.00	Lance, Vented, 59", Zinc Plated
8107.1254.00	Lance, Vented, 67", Zinc Plated
8107.1255.00	Lance, Vented, 79", Zinc Plated
8107.1260.00	Lance, Vented, 27.5", SS Tubing
8107.1261.00	Lance, Vented, 35.5", SS Tubing
8107.1262.00	Lance, Vented, 47.5", SS Tubing
8107.1263.00	Lance, Vented, 59", SS Tubing
8107.1264.00	Lance, Vented, 67", SS Tubing
8107.1265.00	Lance, Vented, 79", SS Tubing

LANCE – Gutter Cleaner



- 3000 PSI
- 1/4" QC Outlet

Part #	Description
8102.1653.00	Gutter Cleaner, 1/4" Plug Inlet, 7"
8102.1656.00	Gutter Cleaner, M22M Inlet, 29"

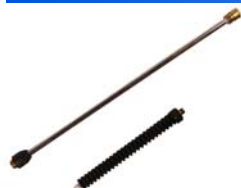
LANCES – Flex



- 194° F
- 10 GPM
- 2250 PSI

Part #	Description
8102.1900.00	Flex Lance, 18" 1/4"M x 1/4"M
8102.1901.00	Flex Lance, 18" 1/4"M x 1/8"F

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
8102.4100.00	36" Two Piece Lance w/Coupler

LANCE – Wand Saver, Fitting



- 212° F
- 10 GPM
- 4000 PSI

Part #	Description
8402.1328.00	1/4" QC x 1/4" F

LANCES – Side Handle



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



Part #	Description
8102.1248.00	Rubber Handle for 1/4" Lance
8102.1249.00	Rubber Handle with "C" clamp
8102.1247.00	Plastic Handle with "C" clamp

LANCES – Chrome, Vented Grip



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

Part #	Description
8108.9044.00	Lance, 17", Single Seal M22 MV #0202000505
8108.7250.00	Lance, 17", Double Seal M22 MV #0202000500

LANCES – Straight, M22



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

Part #	Description
8102.1657.00	Lance, 28", M22M x M22F

LANCES – Extension



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

Part #	Description
8108.9153.00	Extension MV 161 MV #0202009550

LANCES – w/Vari-Nozzle



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

Part #	Description
8108.9058.00	Lance, Insulated, 1.05 Nozzle MV #0202900660

LANCES – Extension MV 970



Part #	Description
8108.8022.00	Bare Outlet, 3000 PSI, 140°F MV #0202905910
8108.8023.00	QD Outlet, 3000 PSI, 140°F MV #0202905920
8108.8642.00	IdroJet-No Orifice, 3000 PSI, 300°F MV #0202905901
8108.9060.00	Power Jet (030), 2600 PSI, 140°F MV #0202905810
8108.8021.00	Power Jet (035), 2600 PSI, 140°F MV #0202905720
8108.9154.00	Power Jet No Orifice, 2600 PSI, 140°F MV #0202905701

LANCES – Extensions



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

Part #	Description
8108.7251.00	Lance Extension MV #0202000700

LANCES – Assembly



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

Part #	Description
8108.7254.00	Lance, w/Power-Jet, Yellow Dot MV #0202905210

LANCES – 18" w/Vari-Nozzle



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

Part #	Description
8108.1463.00	Lance Hi-Lo Nozzle 035 Orifice MV #0202005810
8108.9046.00	Lance Hi-Lo Nozzle 095 Orifice MV #0202005870

LANCES - Hi-Lo Turbo Nozzle



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

Part #	Description
8108.9059.00	Nozzle, Rotating 030 MV #0202900710

LANCES – Extensions



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

Part #	Description
8108.7252.00	Lance, 18" w/Idro-Jet Blue Dot MV #0202000740
8108.7253.00	Lance, 28" w/Idro-Jet No Dot MV #0202000750

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
8107.1460.00	Lance, MT4, Without Nozzle
8107.1462.00	Nozzle MT4, 1.2mm Orifice, Yellow
8107.1463.00	Nozzle MT4, 1.3mm Orifice, Orange
8107.1464.00	Nozzle MT4, 1.4mm Orifice, Red
8107.1465.00	Nozzle MT4, 1.5mm Orifice, Blue
8107.1466.00	Nozzle MT4, 1.6mm Orifice, Grey
8107.1467.00	Nozzle MT4, 1.7mm Orifice, Brown
8107.1468.00	Nozzle MT4, 1.8mm Orifice, Green

*Use Chart on Page 59 for Orifice Sizing

LANCES – Telescoping

NEW STYLE



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

Part #	Description
8102.1001.99	Telescoping Wand, 12-foot
8102.1002.99	Telescoping Wand, 18-foot
8102.1003.99	Telescoping Wand, 24-foot
8102.1003.50*	Four Section, 24-foot
8104.1050.00	Telescoping Wand Support Belt

*Saves shipping cost for two or more

Part #	Repair Parts
8102.1001.01	Gun, Screw-in, New Style
8102.1050.01	Repair Kit for New Style Gun
8102.1051.00	Replacement Hose, 12', 1/4" Dia.
8102.1052.00	Replacement Hose, 18', 1/4" Dia.
8102.1053.00	Replacement Hose, 24', 1/4" Dia.
8102.1001.03	Pole Lock, Large
8102.1001.04	Pole Lock, Small
8102.1001.10	1/4" MNPT 8° Angled Plug
8102.1001.20	TW12-2 Black Sections w/ Locks
8102.1002.20	TW18-3 Black Sections w/ Locks
8102.1002.25	TW18-3 Yellow Sections w/ Locks
8102.1003.20	TW24-3 Black Sections w/ Locks
8102.1003.25	TW24-3 Yellow Sections w/ Locks

LANCES – Telescoping

OLD STYLE

Please specify old or new style
when ordering replacement parts



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

LANCES – Telescoping



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

Part #	Description
8102.1004.00	Aluminum Wand, 18-foot
8102.1005.00	Aluminum Wand, 24-foot
Part #	Repair Parts
8102.1004.01	Replacement Trigger Gun
8102.1602.01	Repair Kit for Trigger Gun
8102.1052.00	Replacement Hose, 18', 1/4" Dia.
8102.1053.00	Replacement Hose, 24', 1/4" Dia.
8102.1004.06	Pole Lock, Large
8102.1004.05	Pole Lock, Small
8102.1004.02	Lance, Front
8102.1004.03	1/4" MNPT 8° Angled Plug
8102.1004.10	18' Wand Sections
8102.1005.10	24' Wand Sections

NOZZLE – Protector



Part #	Description
8108.8002.00	Nozzle Protector MV #0183740020

NOZZLE – Protector



- 4500 PSI
- 300° F

Part #	Description
8108.9159.00	Nozzle, 1/4" Inlet, 1/8" Outlet MV #0183000000
8402.1452.00	Nozzle, 1/4" Inlet, 1/4" Outlet MV #0183000010

NOZZLE – Protector MV 114



- 4500 PSI
- 300° F

Part #	Description
8108.9151.00	Nozzle, 1/4" Inlet, 1/4" Outlet MV #0183000020

NOZZLE – Protector Kit M18



- 3600 PSI
- 300° F
- 1/4" Inlet

Part #	Description
8108.9024.00	Karcher Nozzle Holder MV #0183000080

NOZZLE – Tip Holder, Adjustable



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

Part #	Description
8107.1450.00	Spray Tip Holder w/o Protector
8107.1451.00	Spray Tip Holder with Protector

NOZZLE – Adjustable



- 3000 PSI
- 300° F

Part #	Description
8108.9072.00	Nozzle, 1/4" Inlet, 1/4" Outlet MV #0204001210

NOZZLE – Chemical & Soap



- Low Pressure
- Chemical Nozzle

Part #	Description
8107.3120.00	Nozzle 1/4" NPT 40°, #50, Brass
8113.3160.00	Nozzle 1/4" QC, 65°, #40, Brass
8113.3162.00	Nozzle 1/4" QC, 65°, #40, Plastic
8102.2610.00	Nozzle 1/4" NPT 40°, #30, Brass

NOZZLES – IdroJet Vari Hi/Lo


NEW

- Hi/Lo
- 3000 PSI
- 300° F
- Finger Protection
- Variable Spray

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

NOZZLES – QC & Meg



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



Part #	Description
8113.1XXX.YY	Quick Disconnect Spray Nozzle
8114.1XXX.YY	Meg Spray Nozzle

*Complete Above Part # Using Table

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

NOZZLE KIT – QC 5 Pack



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

NOZZLES – QC & Meg


NEW

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



Part #	Description
8113.31XX.00	Quick Disconnect Spray Nozzle
8114.30XX.00	Meg Spray Nozzle

*Complete Above Part # Using Table

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

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


NEW

- 3000 PSI
- 210° F

Part #	Description
8108.8453.00	Nozzle, 025 MV #0204005610
8108.8450.00	Nozzle, 030 MV #0204005620
8108.8451.00	Nozzle, 035 MV #0204005630
8108.8452.00	Nozzle, 040 MV #0204005640

NOZZLES – Rotating w/Controller



- 5000 PSI
- 200° F
- With Speed Control

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

Nozzle w/Controller Repair Kits



Part #	Description
8108.9101.00	Nozzle, 035 Kit MV #0204106005
8108.9102.00	Nozzle, 040 Kit MV #0204106010
8108.9103.00	Nozzle, 045 Kit MV #0204106015
8108.9104.00	Nozzle, 050 Kit MV #0204106020

NOZZLES – Rotating 2500



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

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

NOZZLES – Rotating 3700 PSI



- Concentrated Straight Stream in a Conical Pattern
- 3700 PSI, 210° F Max.
- 1/4" FPT Inlet

Part#	Description	Orifice
8111.1429.00	ROTOJET 3700-030	030
	MV #0204007320	
8111.1430.00	ROTOJET 3700-035	035
	MV #0204007330	
8111.1431.00	ROTOJET 3700-040	040
	MV #0204007340	
8111.1432.00	ROTOJET 3700-045	045
	MV #0204007350	
8111.1433.00	ROTOJET 3700-050	050
	MV #0204007360	
8111.1434.00	ROTOJET 3700-055	055
	MV #0204007370	
8111.1435.00	ROTOJET 3700-060	060
	MV #0204007380	
8108.9092.00	ROTOJET 3700-065	065
	MV #0204007390	
8108.9093.00	ROTOJET 3700-070	070
	MV #0204007400	
8111.1436.00	ROTOJET 3700-080	080
	MV #0204007420	
8111.1430.02	Black Cover	
	MV #0183740130	



ROTOJET 3600 Repair Kits



Part #	Description
8111.1429.01	ROTOJET 3700-030 Kit MV #0204107320
8111.1430.01	ROTOJET 3700-035 Kit MV #0204107330
8111.1431.01	ROTOJET 3700-040 Kit MV #0204107340
8111.1432.01	ROTOJET 3700-045 Kit MV #0204107350
8111.1433.01	ROTOJET 3700-050 Kit MV #0204107360
8111.1434.01	ROTOJET 3700-055 Kit MV #0204107370
8111.1435.01	ROTOJET 3700-060 Kit MV #0204107380
8108.9111.00	ROTOJET 3700-065 Kit MV #0204107390
8108.9112.00	ROTOJET 3700-070 Kit MV #0204107400
8111.1436.01	ROTOJET 3700-080 Kit MV #0204107420



NOZZLES – Rotating 4500 PSI



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

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



*Includes QC plug

ROTOJET 4500 Repair Kits



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



NOZZLES – Rotating 5800 PSI



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

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



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



NOZZLES – Rotating UR25



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

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

NOZZLES – Rotating UR32



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

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

UR Nozzle Repair Kits

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

NOZZLES – Rotating



- 7250 PSI
- 210° F

Part #	Description
8108.8460.00	Nozzle, 030 MV #0204006800
8108.8460.01	Repair Kit, Nozzle, 030 MV #0204106800
8108.9084.00	Nozzle, 050 MV #0204006820
8108.9084.01	Repair Kit, Nozzle, 050 MV #0204106820
8108.9085.00	Nozzle, 070 MV #0204006840
8108.9085.01	Repair Kit, Nozzle, 070 MV #0204106840
8108.9086.00	Nozzle, 080 MV #0204006850
8108.9086.01	Repair Kit, Nozzle, 080 MV #0204106850

NOZZLES – Rotating Rotomax™



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

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

NOZZLES – Sewer



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

Part #	Description
8402.3010.00	1/4 FPT Size #4.5
8402.3011.00	1/4 FPT Size #6.5
8402.3012.00	1/4 FPT Size #11
8402.3110.00	1/8 FPT Size #4.5
8402.3111.00	1/8 FPT Size #6.5
8402.3112.00	1/8 FPT Size #11

NOZZLES – Rotating Soft/Hard



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

Part #	Description
8108.9079.00	Nozzle, 030 MV #0204006120
8108.9080.00	Nozzle, 035 MV #0204006130
8108.9081.00	Nozzle, 040 MV #0204006140
8108.9082.00	Nozzle, 045 MV #0204006150

NOZZLES – Rotating Hi/Lo Turbo



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

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

NOZZLES – Steam



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

Part #	Description
8102.2620.00	Steam Nozzle

NOZZLES – Triple Function



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

Part #	Description
8108.9100.00	Nozzle, 035 MV #0204009200
8108.8495.00	Nozzle, 040 MV #0204009210

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
8107.1401.00	VAPJET, 1.1 mm Orifice, White
8107.1402.00	VAPJET, 1.2 mm Orifice, Yellow
8107.1403.00	VAPJET, 1.3 mm Orifice, Orange
8107.1404.00	VAPJET, 1.4 mm Orifice, Red
8107.1406.00	VAPJET, 1.6 mm Orifice, Grey
8107.1407.00	VAPJET, 1.7 mm Orifice, Brown
8107.1408.00	VAPJET, 1.8 mm Orifice, Green

*See Chart on Page 57 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



*See Chart on Page 57 for Orifice Sizing

Part #	Description
8108.1419.00	HiLo Nozzle Replacement Body MV #0204200040
Part #	Description
8108.1420.00	HiLo, 1.05 mm Orifice, Yellow Dot MV #0204008000
8108.1421.00	HiLo, 1.10 mm Orifice, White Dot MV #0204008010
8108.1422.00	HiLo, 1.15 mm Orifice, Red Dot MV #0204008020
8108.1423.00	HiLo, 1.20 mm Orifice, Blue Dot MV #0204008030
8108.1424.00	HiLo, 1.25 mm Orifice, Brown Dot MV #0204008040
8108.1425.00	HiLo, 1.30 mm Orifice, Orange Dot MV #0204008050
8108.1426.00	HiLo, 1.35 mm Orifice, Green Dot MV #0204008060
8108.1427.00	HiLo, 1.40 mm Orifice, Lt. Blue Dot MV #0204008070
8108.1428.00	HiLo, 1.45 mm Orifice, Black Dot MV #0204008080
8108.1429.00	HiLo, 1.50 mm Orifice, Gray Dot MV #0204008090
8108.1430.00	HiLo, 1.60 mm Orifice, Dk. Grn Dot MV #0204008100

ORIFICES – VapJet & IdroJet

Replacement Orifices

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

DOTS – For VapJet & IdroJet

Replacement Color Dots

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

NOZZLES – Variable



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

Part #	Description
8108.9094.00	Nozzle, .27, Violet MV #0204008800
8108.9095.00	Nozzle, .30, Yellow MV #0204008805
8108.9096.00	Nozzle, .35, White MV #0204008810
8108.8401.00	Orifice, .27 MV #0124720280
8108.9005.00	Dot, Violet MV #0105740100

NOZZLES – Variable



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

Part #	Description
8108.8480.00	Vari Nozzle, 1.10 MV #0204008510

OIL – Pump Oil



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

Part #	Description
8102.1801.00	Pump Oil, 32 oz. Bottle
8102.1802.00	Pump Oil, Case of 12 Bottles

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
8102.1811.00	HPP Pump Oil, 5 Gal. Bottle
8102.1812.00	HPP Pump Oil, Case of 2 Bottles

PACKING EXTRACTOR KIT



- For Comet™ Pumps
- Slide Hammer

Part #	Description
0899.0004.00	Extractor Tool, 15 & 18mm
0899.0005.00	Extractor Tool, 20, 22 & 25mm
0899.0006.00	Extractor Hammer
0899.0007.00	Extractor Kit

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
3335.0023.00	Packing Kit LW, ZW, FW & HW
3335.0024.00	Tool Kit AXD

Parts for AXD Tool Kit:

3335.0025.00	Insertion Tool, Front packing
3335.0026.00	Bushing Tool, Front Packing
3335.0027.00	Base
3335.0028.00	Internal Bushing, Back Packing
3335.0029.00	External Bushing, Back Packing
3335.0030.00	Insertion Tool N1, Back Packing
3335.0031.00	Insertion Tool N2, Back Packing

PULSATION DAMPENERS



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

Part #	Description
8107.3200.00	Accumulator, .02 Gal., 3/8" FPT
8107.3201.00	Accumulator, .09 Gal., 1/2" FPT
8107.3202.00	Accumulator, .09 Gal., 3/8" FPT

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
8103.1901.00	Wet Sand Blast Kit, Complete
8103.1902.00	Sand Probe
8103.1903.00	Tungsten Carbide Nozzle
8103.1904.00	Mixing Head
8103.1913.00	Tip Adapter
8103.1906.00	1/4" Male Plug
8103.1907.00	3/4" Hose Barb
8103.1908.00	5/16" x 1" Thumb Screw
8103.1909.00	3/4" Hose Clamp
8103.1910.00	3/4" Suction Hose (25 ft.)
8103.1911.00	Sandmiser Valve

SAND BLASTER – Commercial



- 11 GPM @ 3600 PSI
- 200° F

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

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
8000.5001.00	Sludge Pump without Nozzle A
8000.5001.35	Nozzle 035 B
8000.5001.40	Nozzle 040 B
8000.5001.45	Nozzle 045 B
8000.5001.50	Nozzle 050 B
8000.5001.55	Nozzle 055 B
8000.5001.60	Nozzle 060 B

SLUDGE PUMPS



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

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

SURFACE CLEANER – Floor



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

*****Nozzles not included*****

Part #	Description
8108.8011.00	Floor Cleaner, 13-3/4" Diameter MV #0207001000

SURFACE CLEANER – Hobby



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

Part #	Description
8108.9115.00	Surface Cleaner, w/Adapters MV #0207002600
8108.9007.00	Replacement Brush MV #0109740090

SURFACE CLEANER – 3000 PSI



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

Part #	Description
8108.8012.00	Surface Cleaner, w/Wheels MV #0207002013
8108.8010.00	Surface Cleaner, No Wheels MV #0207000013
8108.9006.00	Spray Bar, Surface Cleaner 045 MV #0109000340
8108.8014.00	Wheel Replacement Kit MV #0207102010
8108.8013.00	Wheel Conversion Kit MV #0207102000
8108.9008.00	Brush for 8108.8012.00 MV #0109740160
8108.9007.00	Brush for 8108.8010.00 MV #0109740090

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
8102.2403.00	RotoBlaster Surface Cleaner, 20"

Replacement Parts

8102.2403.28	Replacement Trigger Gun
8102.2461.00	Replacement Hose Assembly
8102.2403.11	Replacement Rotary Head
8102.2403.14	Replacement Mounting Collar
8102.2403.19	Replacement Spray Bar
8102.2403.20	Skirt
8102.2403.21	Dome, Black
8102.2403.24	Rotary Head Repair Kit
8102.2403.29	Spray Gun Repair Kit
8102.2403.40	Caster Kit
8102.2490.00	Shut Off Valve Kit
8102.2474.00	O-Ring, Viton

***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
8102.2406.00	RotoBlaster Surface Cleaner, 20"

Replacement Parts

8102.2406.01	Replacement Trigger Gun
8102.2461.00	Replacement Hose Assembly
8102.2454.00	Replacement Rotary Head
8102.2403.14	Replacement Mounting Collar
8102.2406.02	Replacement Spray Bar
8102.2406.03	Skirt
8102.2406.04	Dome, Stainless Steel
8102.2458.00	Rotary Head Repair Kit
8102.1050.01	Spray Gun Repair Kit
8102.2406.05	Caster, Single
8102.2490.00	Shut Off Valve Kit

*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
8102.2401.00	Surface Cleaner, 16" Dia., w/Brush

Replacement Parts

8102.2454.00	16 Rotary Head
8102.2455.00	18 Rotary Head
8102.2457.00	24 Rotary Head
8102.2458.00	Rotary Head Repair Kit for All
8102.2470.01	Trigger Gun 16
8102.2406.01	Trigger Gun 18 & 24
8102.2462.00	16 Skirt, Nylon
8102.2456.00	18 Caster
8102.2459.00	24 Caster
8102.2470.00	16 Replacement Spray Bar
8102.2471.00	18 Replacement Spray Bar
8102.2472.00	24 Replacement Spray Bar
8102.2450.00	16 Rotary Head Mounting Bracket
8102.2453.00	24 Rotary Head Mounting Bracket
8102.2461.00	Replacement Hose for all

*For additional parts contact Comet

SURFACE CLEANER – 12"



- 4000 PSI Max.
- 8 GPM
- 180° F

Part #	Description
8102.2407.00	Surface Cleaner, 12"

SWITCHES – Flow



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

Part #	Description
8108.2201.00	Flow Switch, Horizontal MV #0205010010
8108.2202.00	Flow Switch, Vertical MV #0205010000
8108.2209.00	Replacement Reed Switch MV #0199700000

SWITCH – Pressure



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

Part #	Description
8108.9114.00	Pressure Switch, 2 Wire, 580 PSI MV #0205000011

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
8107.2203.00	Switch, 210 PSI, 1/4" MPT	BLUE
8107.2204.00	Switch, 210 PSI, 3/8" MPT	BLUE
8107.2204.01	Repair Kit 210 PSI	
8107.2205.00	Switch, 360 PSI, 1/4" MPT	RED
8107.2206.00	Switch, 360 PSI, 3/8" MPT	RED
8107.2201.00	Switch, 580 PSI, 1/4" MPT	BLACK
8107.2202.00	Switch, 580 PSI, 3/8" MPT	BLACK
8107.2202.01	Repair Kit 580 PSI	
8107.2201.50	Repair Kit Electric	
8107.2201.01	Replacement Micro Switch	

SWITCHES – Vacuum



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

***For Water use Only**

Part #	Description
8107.2211.00	Vacuum Switch, (Size 1.5)
8107.2213.00	Vacuum Switch, (Size 2.5)
8107.2216.00	Vacuum Switch, (Size 4.0)
8107.2217.00	Vacuum Switch, (Size 4.5)

TAPE – Teflon



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

Part #	Description
8102.2900.00	Teflon Tape, Roll

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
8116.3501.00	Swivel, Straight

SWIVEL – High Pressure



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

Part #	Description
8107.3501.00	Swivel, High Pressure

SWIVEL – High Pressure



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

Part #	Description
8107.3502.00	Swivel, Straight, SS

THERMOSTATS



- 1/2" BSP Probe
- 4000 PSI
- 250V 15A

- Remote Probe Design
- Precise Temperature Control
- 70" Insulated Cap Tube

Part #	Description
3230.0037.00	194 Degree, Remote Probe, 194° F
3230.0036.00	250 Degree, Remote Probe, 250° F
3230.0035.00	302 Degree, Remote Probe, 302° F
8107.2320.00	Thermostat Well 1/2" F Top, 3/8" x 3
8107.2307.00	Thermostat Probe Sheath
2000.0125.00	Bushing, Brass 1/2" NPT
8107.2310.00	Bushing, Brass 1/2" BSP

THREAD LOCK



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

Part #	Description
8107.3600.00	Thread Lock, Medium 100/200 lbs.
8107.3601.00	Thread Lock, Strong 200/300 lbs.

THROTTLE CONTROL



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

Part #	Description
8102.2701.00	Throttle Control Kit
8102.2701.01	Repair Kit



UNLOADERS – VB-80/400



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

Part #	Rated PSI	Max PSI
8116.2505.00	5800	6500

UNLOADERS – VB-350



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

Part #	Inlet	Outlet	By-Pass
8116.2501.00	3/8" BSP-M	3/8" BSP-F	1/2" BSP-F

UNLOADERS – Pulsar 280



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

Part #	Inlet	Outlet
8116.2509.00	3/8" NPT-F	3/8" NPT-F
8116.2510.00 w/EZ Start	3/8" NPT-F	3/8" NPT-F

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
8107.2551.00	3650	3/8" F	3/8" F	3/8" F X 2
8107.2552.00	4500	3/8" F	3/8" F	3/8" F X 2
8107.2539.00	Repair Kit			

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
8107.2553.00	3650	3/8" F	3/8" F	1/4" F
8107.2554.00	4500	3/8" F	3/8" F	1/4" F

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
8107.2535.00	1500	3/8" F	1/4" F	Yellow
8107.2536.00	2900	3/8" F	1/4" F	Red
8107.2537.00	3650	3/8" F	1/4" F	Blue
8107.2538.00	4500	3/8" F	1/4" F	Black
8107.2539.00	Repair Kit			

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
8107.2503.00	1,500	3/8" F	3/8" Fx2	Yellow
8107.2533.00	2,900	3/8" F	3/8" Fx2	Red
8107.2530.00	3,650	3/8" F	3/8" Fx2	Blue
8107.2504.00	4,500	3/8" F	3/8" Fx2	Black
8107.2550.00	Unloader Repair Kit, MG4000			
8107.2559.00	Nut, Panel Mounting			

UNLOADERS – VB-80/150 & 280



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

Part #	Rated PSI	Max PSI
8116.2503.00	2200	2450
8116.2504.00	4050	4500

UNLOADERS – Pulsar Zero



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

Part #	Inlet	Outlet	By-Pass
8116.2521.00	3/8" F	3/8" F	3/8" F

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
8108.2505.00	3/8" M	3/8" M	1/4" F	3600
	MV #0215002960			
8108.2503.01	Repair Kit PP590			
	MV #0215102000			
8108.2502.00	3/8" F	3/8" F	1/4" F	4000
	MV #0215003300			
8108.2512.00*	3/8" F	3/8" F	1/4" F	4000
	MV #0215003310 			
8108.2502.01	Repair Kit MV595			
	MV #0215103320			
8108.2555.01	Chem Inj for Unloader			
	MV #0203100020 			

*Does not include Injector

*Includes Safety Valve

UNLOADERS – MV 550



- 8 GPM @ 3600 PSI
- 200° F

Part #	Description
8108.2513.00	Unloader, with Switch
	MV #0215002050
8108.2513.01	Repair Kit, Micro Switch
	MV #0101000000

UNLOADERS – MV 580



- 8 GPM @ 3600 PSI
- 200° F

Part #	Description
8108.2506.01	Unloader, w/o Knob
	MV #0215003030

UNLOADERS – Pulsar 3



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

Part #	Description
8116.2508.00	Unloader 3650 PSI Max
8116.2515.00	Unloader 1750 PSI Max
8116.2515.01	Seat & O-Ring Kit
8116.2515.02	Repair Kit
8116.2515.03	Repair Kit, Pack of 5



UNLOADERS – Trapped Pressure


MV550

- Brass Valve Body
- 200° F Max.

MV580

- Adjustment Handle
- 8.0 GPM



Part #	PSI	I/O	By-Pass
8108.2503.00*	3600	3/8" F	1/4" Fx2 MV550
	MV #0215002150		
8108.2504.00	3600	3/8" F	1/4" Fx2 MV550
	MV #0215002010		
8108.2506.00	3600	3/8" F	1/4" Fx1 MV580
	MV #0215003010		
8108.2503.01	Repair Kit		
	MV #0215102000		
8108.2504.01	Knob		
	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
8108.2510.00	2000	3/8" M	3/8" F PP520
	MV #0215004010		
8108.2511.00	2600	3/8" M	3/8" F PP540
	MV #0215005010		
8108.2507.00	3200	3/8" M	3/8" F PP560
	MV #0215006010		
8108.2514.00	2000	3/8" M	3/8" M PP520
	MV #0215004120 		
8108.2501.01	Repair Kit		
	MV #0215101000		
8108.2559.01	Knob		
	MV #0119740010 		

UNLOADERS – VB-200/150



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

Part #	Inlet	Outlet	By-Pass
8116.2502.00	1" FPT	1" FPT	1" FPT

UNLOADERS – MV 550



NEW

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

Part #	Description
8108.9135.00	Unloader, 3/8" F Inlet & Outlet MV #0215002055
8108.2513.01	Repair Kit, Micro Switch MV #0101000000

UNLOADERS – Flow Sensing K7

K7



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

Part #	GPM	Inlet	Outlet	By-Pass
8110.2503.00	2.9-4.2	3/8"F	3/8"M	3/8"F
8110.2504.00	4.2-6.6	3/8"F	3/8"M	3/8"F

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
8116.2500.00	1/2" BSP-F	3/8"BSP-F
8116.2500.02	Banjo Conversion Kit	

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
8116.2520.00	3/8" BSP-F	3/8"BSP-F

UNLOADERS – Trapped Pressure



MV545



MV565



MV546
MV566



Banjo Kit

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

Bolt-On Unloaders Order with Banjo Kits Below

Part #	PSI	GPM	Outlet	Injct.
8108.2559.00	2600	8.0	3/8" MPT	Y MV545
			MV #0215009780	
8108.2560.00	2600	8.0	M22M	Y MV545
			MV #0215009820	
8108.2561.00	2600	8.0	3/8" MPT	N MV546
			MV #0215005510	
8108.2562.00	2600	8.0	M22M	N MV546
			MV #0215005520	
8108.2555.00	3200	8.0	3/8" MPT	Y MV565
			MV #0215006300	
8108.2556.00	3200	8.0	M22M	Y MV565
			MV #0215006320	
8108.2557.00	3200	8.0	3/8" MPT	N MV566
			MV #0215006510	
8108.2558.00	3200	8.0	M22M	N MV566
			MV #0215006520	
8108.2563.00	3500	8.0	3/8" MPT	N MV566
			MV #0215200240	
8108.2550.00	3500	8.0	3/8" MPT	Y MV565
			MV #0215200230	
8108.2555.02	Repair Kit for MV565 Unloader			
			MV #0215101020	
8108.2555.01	Chem Inj for MV565 Unloader			
			MV #0203100020	
8108.2559.18	Chem Inj for MV545 Unloader			
			MV #0203100041	

Banjo Inlet Kits

Part #	X-Offset	Y-Offset	Inlet
*8108.2570.00	0.0 mm	63 mm	1/2" FPT
			MV #0215200500
†8108.2571.00	4.5 mm	66 mm	1/2" FPT
†8108.9158.00	4.5 mm	66 mm	1/2" FPT
			MV #0215200510
°8108.2572.00	19 mm	51 mm	1/2" FPT
			MV #0215200520
^8108.2573.00	0.0 mm	63 mm	3/8" FPT
			MV #0215200504

* For Comet LW & ZW Series Pumps

† For Comet FW & HW Series Pumps

° For Brands Other Than Comet Pumps

^ For Comet LW Misting 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
8102.0550.00	Remote Mounting Block, Brass
8102.0551.00	Remote Mounting Block, Aluminum
8102.0552.00	Remote Mounting Block, Zinc Plated

VALVES – Ball, Shut-Off



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

Part #	Description	GPM
8109.2601.00	1/4" FPT x 1/4" FPT	2.64
8109.2602.00	3/8" FPT x 3/8" FPT	6.60
8109.2603.00	1/2" FPT x 1/2" FPT	10.57

VALVES – Ball, Shut-Off



- 6000 PSI
- Stainless Steel Body
- 212° F

Part #	Description
8102.2640.00	Ball Valve, 3/8" FPT x 3/8" FPT

VALVES – Ball, Shut-Off



- 3000 PSI
- Brass Body
- 176° F

Part #	Description
8107.2630.00	Ball Valve, 3/8" FPT x 3/8" FPT
8107.2631.00	Ball Valve, 1/2" FPT x 1/2" FPT

VALVES – EZ Start



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

Part #	Description
8107.1750.00	3/8" MPT EZ Valve w/ Hose Barb

VALVES – Metering



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

Part #	Description
8107.3400.00	Metering Valve, 1/4" MPT
8107.3401.00	Metering Valve, 1/4" FPT

VALVES – Jetter



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

Part #	Used on Pump
0608.0034.00	LW, FW & ZW up to 3200 psi
0608.0035.00	HW, ZW & SW over 3600 psi
0608.0036.00	TW up to 3600 psi
0608.0037.00	TW over 4000 psi

VALVE – Pressure Regulating VRP-600



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

Part #	Inlet	Outlet	By-Pass
8116.2506.00	1/2" BSP-F	1/2" BSP-F	1/2" BSP-F

VALVES – Pressure Relief



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

VALVES – Pressure Relief



- 8 GPM @ 3600 PSI
- 200° F
- MV 510

Part #	Description
8108.2600.00	Valve, 1/4" Inlet/Outlet MV #0215000000
8108.9137.00	Repair Kit MV #0215100000

VALVE – Pressure Relief


NEW

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

Part #
8108.9134.00

Description
Safety Valve
MV #0215000210

VALVE – Thermal Relief


NEW

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

Part #
8102.1700.00

Description
Thermal Relief Valve, 3/8"

VALVES – Pressure Relief



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

Part #
8107.2621.00

Description
3/8" MPT, 1/4" MPT Discharge

8107.2621.01 3/8" MPT, 1/4" Barb Discharge

VALVE – Thermal Relief



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

Part #
8107.1700.00

Description
Thermal Relief Valve, 3/8"

8107.1701.00 Thermal Relief Valve, 1/2"

1215.0330.00 Thermal Relief Valve, 1/4"

1215.0354.00 Thermal Relief Valve, 3/8"

1215.0355.00 Thermal Relief Valve, 1/2"

VALVES – Pressure Relief



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

Part #
8107.2622.00

Description
Safety Valve, 1/4" MPT x 1/4" MPT

8107.2623.00 Safety Valve, 1/4" MPT x 1/4" Barb

WATER BROOM – 12"



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

Part #
8102.2500.00

Description
Water Broom

Conversion Tables & Formulas

<u>Weights & Volumes</u>				<u>Torque</u>				<u>Length Calculations</u>				
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	<u>Temperatures</u>							
Ltr.	x	61.02	=	Cu. In.								
Ltr.	x	33.82	=	Ounces	°C	=	.555(°F-32)	<u>Nozzles</u>				
Ltr	x	.2642	=	Gallons	°F	=	(1.8*°C)+32					
Ltr.	x	1000	=	Cubic CM	<u>Required Horsepower</u>							
ML (CC)	x	.0338	=	Ounces								
Gram	x	.03527	=	Ounces	$\frac{\text{GPM} \times \text{PSI}}{1460}$	=	Elec. Brake HP	$\text{GPM} = \text{Nozzle \#} \sqrt{\frac{\text{PSI}}{4000}}$				
PSI	x	.0680	=	bar.	$\frac{\text{GPM} \times \text{PSI}}{1714}$	=	Hydraulic HP					
Bar	x	14.7	=	PSI	$\frac{\text{GPM} \times \text{PSI}}{1100}$	=	Gasoline HP	<u>Pulley Ratio</u>				
In. HG	x	.4912	=	PSI	$\frac{\text{Motor Pulley OD}}{\text{Pump RPM}} = \frac{\text{Pump RPM}}{\text{Motor Pulley OD}}$							
In. H ₂ O	x	.8226	=	In. HG								

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

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

PSI (i.e.. 20 = 2000)