



## PREMIUM PARTS & ACCESSORIES **2018 CATALOG**





## OUR PRODUCTS **PERFORM FOR YOU**

We believe every cleaning task should be an experience performed as quickly and efficiently as possible. We have dedicated ourselves to researching and developing the highest quality parts and accessories so you can get the job done the first time, every time.

We proudly manufacture premium parts & accessories from AAA™, OEM Technologies™ and SIMPSON® brands to provide the products you need to handle any cleaning experience! We strive to deliver functional innovation with every product we design.

THIS IS **WHAT WE DO.**



# THE POWER BEHIND THE BRAND



FNA Group is a world class manufacturer of branded and private label products that provide you with reliable performance everyday.

We bring powered solutions and innovation to our customers worldwide. FNA Group aspires to deliver unsurpassed quality products and customer service driven through operational excellence







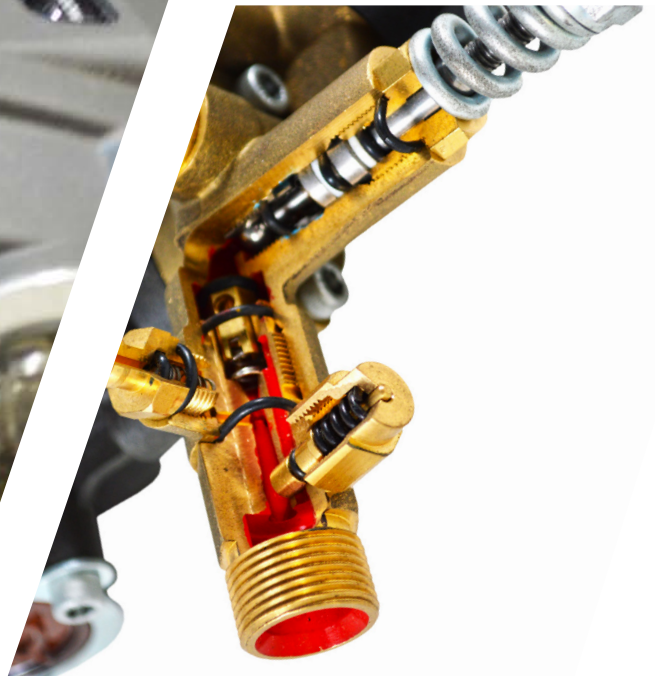
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# OUR PUMPS

ENGINEERED  
WITH EXCELLENCE





# PUMPS

## Industrial Triplex Pump Series

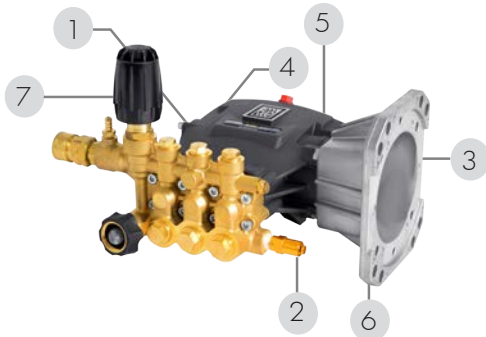
C31 Triplex Pumps



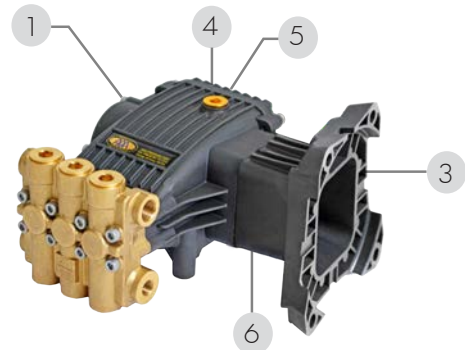
C41 Triplex Pumps



EW Triplex Pumps



CX Triplex Pumps



### Key Features

1. Oversized sight glass and advanced oil seal technology
2. Thermal relief valve
3. Dual radial ball bearings
4. Ceramic or ceramic coated pistons for extended seal life
5. Fully anodized die cast aluminium crankcase
6. J-609A or J-609B engine flange
7. Adjustable unloader with easy start feature
8. Oil plug for secure transport





# PUMPS

## Industrial Triplex Series

# C31



**Brass Manifold**



**Black Anodized Aluminium Manifold**



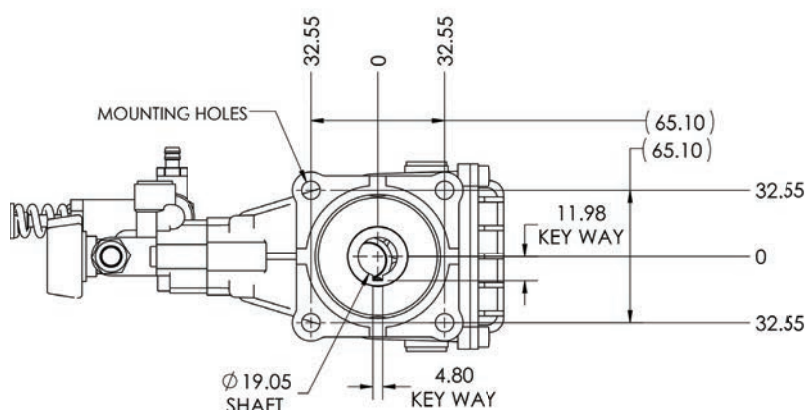
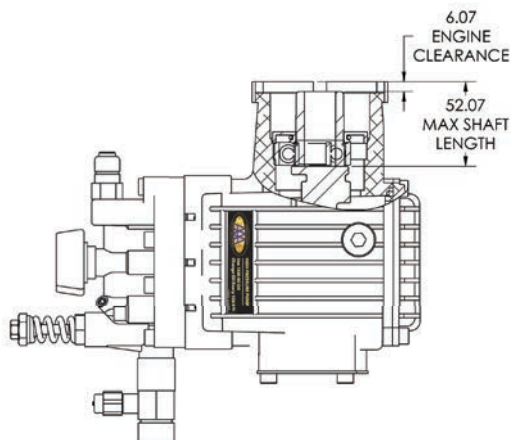
## C31 Pump Series Specifications

- Includes a siphon tube with filter for chemical cleaning, mounting bolts, shaft kit, and oil reservoir breather

Part #	Landscape	Max Pressure	Max GPM	Power Boost®	Manifold Material	Shaft / Flange	Inlet	Outlet
	Horizontal	3200 PSI	2.5 GPM	Yes	Aluminium	3/4" / J-609A style	Garden Hose	3/8" QC
	Horizontal	3200 PSI	2.8 GPM	Yes	Brass	3/4" / J-609A style	Garden Hose	3/8" QC
	Horizontal	3400 PSI	2.5 GPM	Yes	Brass	3/4" / J-609A style	Garden Hose	3/8" QC
	Horizontal	3600 PSI	2.5 GPM	Yes	Brass	3/4" / J-609A style	Garden Hose	3/8" QC

◆ See page 16 for key information on PowerBoost® Technology

## Pump Mounting Details





## Industrial Triplex Series

# C41



**Brass Manifold**



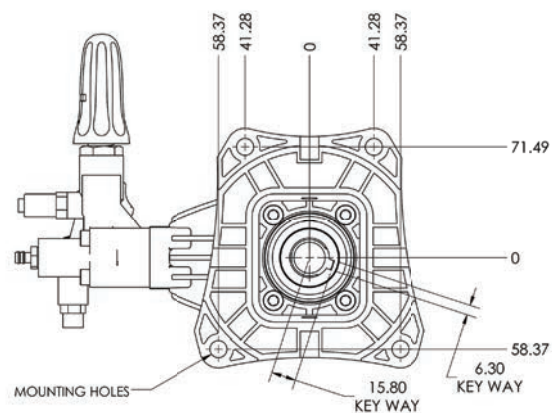
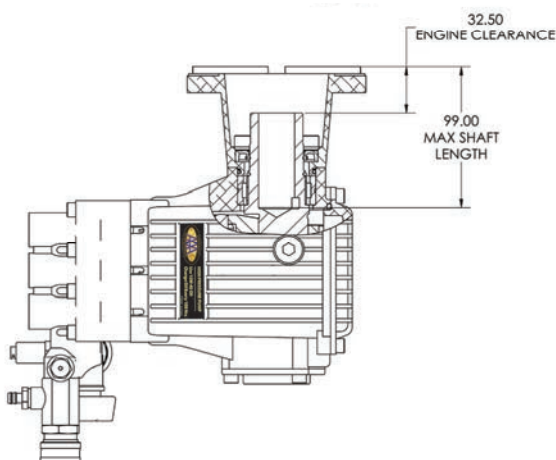
## C41 Pump Series Specifications

- Includes a siphon tube with filter for chemical cleaning, mounting bolts, shaft kit, and oil reservoir breather

Part #	Landscape	Max Pressure	Max GPM	Power Boost®	Manifold Material	Shaft / Flange	Inlet	Outlet
	Horizontal	3800 PSI	3.5 GPM	Yes	Brass	1" / J-609B style	Garden Hose	3/8" QC
	Horizontal	4000 PSI	3.3 GPM	Yes	Brass	1" / J-609B style	Garden Hose	3/8" QC
	Horizontal	4000 PSI	3.5 GPM	Yes	Brass	1" / J-609B style	Garden Hose	3/8" QC

♦ See page 16 for key information on PowerBoost® Technology

## Pump Mounting Details





# PUMPS

## Industrial Triplex Series

# EW



**Direct Drive**



**Belt Drive**

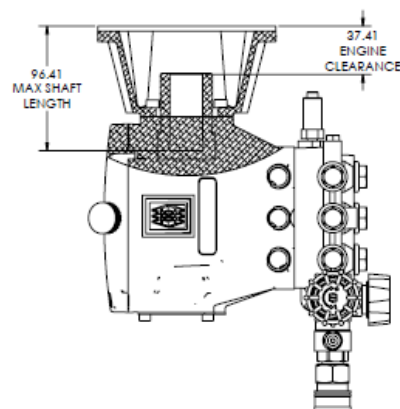
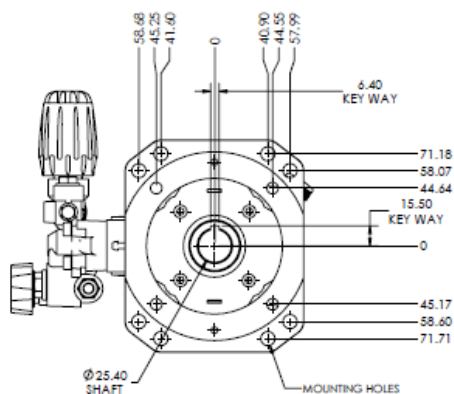


## EW Pump Series Specifications

- Includes a siphon tube with filter for chemical cleaning, mounting bolts, shaft kit, and oil reservoir breather

Part #	Landscape	Drive	Max Pressure	Max GPM	Power Boost®	Manifold Material	Shaft / Flange	Inlet	Outlet
	Horizontal	Direct	4400 PSI	4.0 GPM	No	Brass	1" / J-609B style	Garden Hose	3/8" QC
	Horizontal	Belt	4400 PSI	4.0 GPM	No	Brass	1" / J-609B style	Garden Hose	3/8" QC

## Pump Mounting Details





## Industrial Triplex Series

# CX



**Direct Drive**



**Belt Drive**

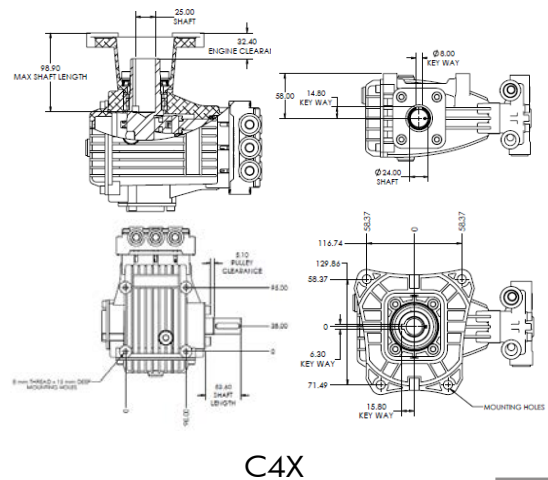
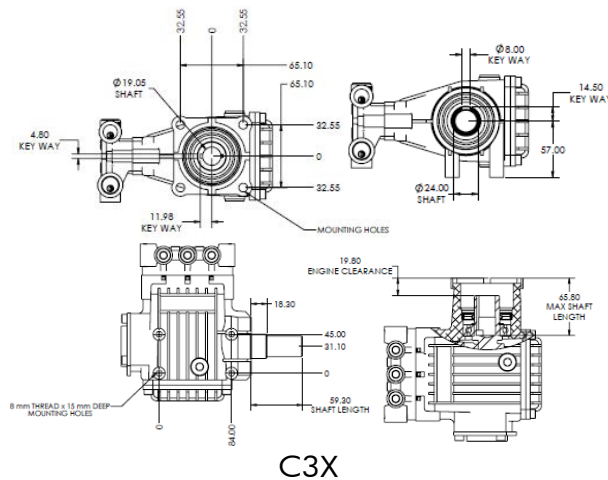


## CX Pump Series Specifications

- Includes a siphon tube with filter for chemical cleaning, mounting bolts, shaft kit, and oil reservoir breather

Part #	Series	Landscape	Drive	Max Pressure	Max GPM	Power	Manifold Material	Shaft/ Flange	Inlet	Outlet
	C3X	Horizontal	Direct	3200 PSI	3.0 GPM	No	Brass	3/4" / J-609A style	1/2" NPT	3/8" NPT
	C3X	Horizontal	Belt	3200 PSI	3.0 GPM	No	Brass	24mm Solid	1/2" NPT	3/8" NPT
	C4X	Horizontal	Direct	4400 PSI	4.0 GPM	No	Brass	1" / J-609B style	1/2" NPT	3/8" NPT
	C4X	Horizontal	Belt	4400 PSI	4.0 GPM	No	Brass	24mm Solid	1/2" NPT	3/8" NPT

## Pump Mounting Details





# PUMPS

## ENHANCING THE **CLEANING EXPERIENCE**

Power  
Boost®

Yes

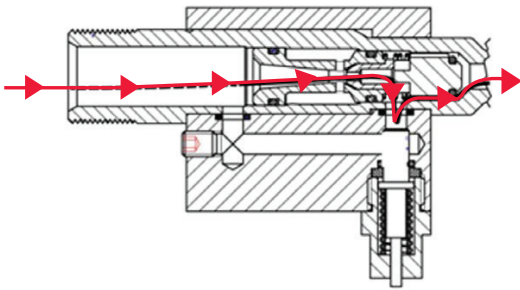
Yes

Yes

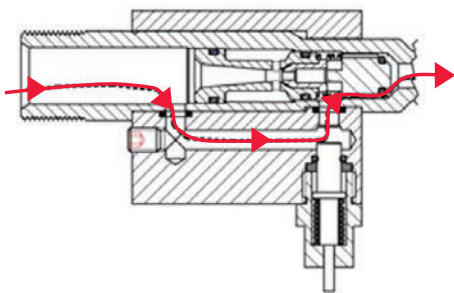
Yes

## **POWERBOOST®** PUMP SYSTEM

Typical Pump **WITHOUT** PowerBoost®  
High Pressure Water Flow



Our Pumps **WITH** PowerBoost®  
High Pressure Water Flow



### Key Features

- PowerBoost® pump system is an innovation in pump technology that enhances real cleaning performance
- In a typical pump, as high pressure travels from the pump head to the pump outlet a significant amount of pressure is lost due to the chemical suction. A pump with PowerBoost® technology operated in high pressure triggers a bypass around the venturi nozzle (chemical suction) to reduce this pressure loss
- Pumps equipped with PowerBoost® deliver higher pressure at the nozzle resulting in greater impact and cleaning performance than a typical pump using the same engine and hose configuration
- In addition to improved performance for better cleaning results, this revolutionary design reduces vibration and heat delivering a better working environment for the operator while extending engine and pump life

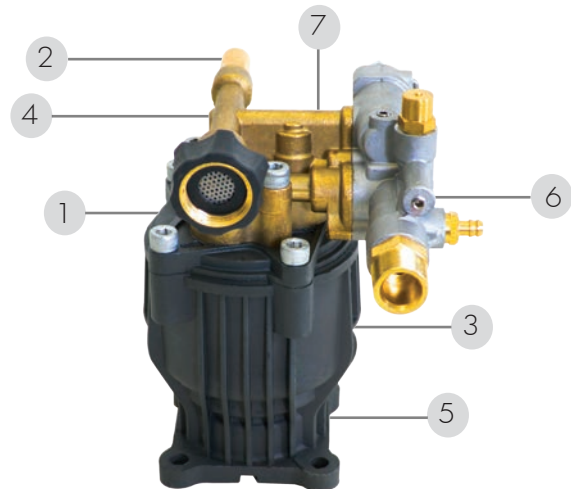
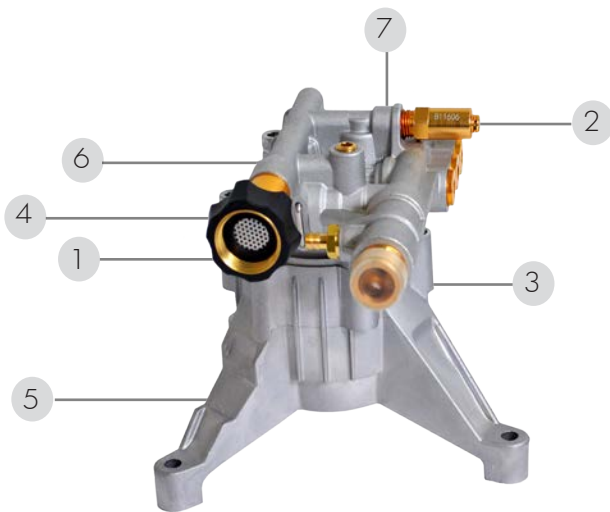
PowerBoost® Pump System available on select models



## Axial Cam Pump Series

Vertical Axial Cam Pumps

Horizontal Axial Cam Pumps



### Key Features

1. High performance oil seal system
2. Thermal relief valve
3. Dual thrust bearings
4. Precision polished stainless steel pistons for extended seal life
5. J-609D garden flange or J-609A SAE gas flange
6. Integrated unloader with easy start feature
7. Forged brass or aluminum manifold

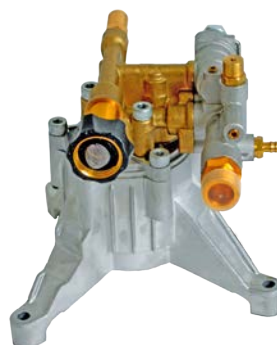


## Axial Cam Pump Series

# Vertical



**Clear Anodized Manifold**



**Brass Manifold**



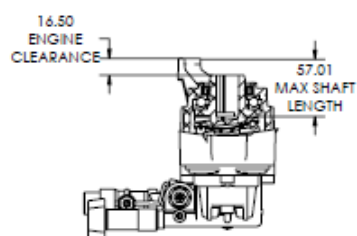
## Vertical Axial Cam Pump Specifications

- Includes a siphon tube with filter for chemical cleaning, mounting bolts and shaft kit

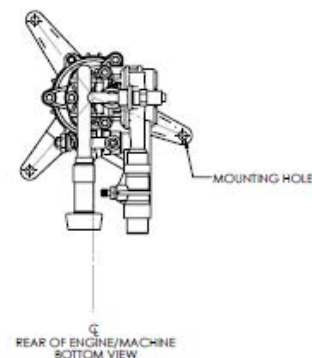
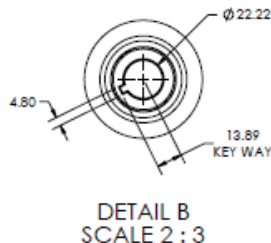
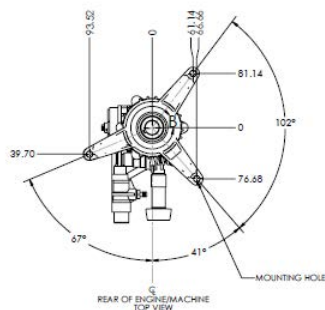
Part #	Landscap	Max Pressure	Max GPM	Power Boost®	Manifold Material	Shaft / Flange	Inlet	Outlet
	Vertical	2400 PSI	2.0 GPM	No	Aluminum	7/8" / J-609D style	Garden Hose	M22
	Vertical	2800 PSI	2.3 GPM	No	Aluminum	7/8" / J-609D style	Garden Hose	M22
	Vertical	3000 PSI	2.4 GPM	No	Aluminum	7/8" / J-609D style	Garden Hose	M22
	Vertical	3100 PSI	2.5 GPM	Yes	Brass	7/8" / J-609D style	Garden Hose	M22

♦ See page 16 for key information on PowerBoost® Technology

## Pump Mounting Details



SOME PARTS HIDDEN FOR CLARITY



## Axial Cam Pump Series

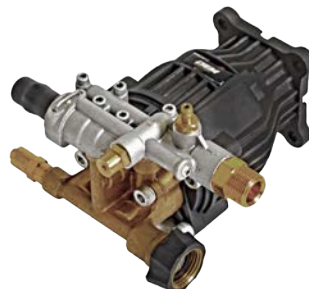
# Horizontal



**Clear Anodized Aluminium Manifold**



**Black Anodized Aluminium Manifold**



**Brass Manifold**



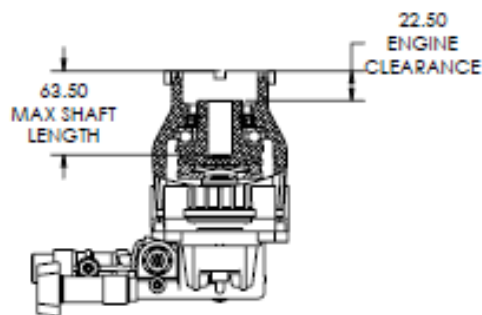
## Vertical Axial Cam Pump Specifications

- Includes a siphon tube with filter for chemical cleaning, mounting bolts and shaft kit

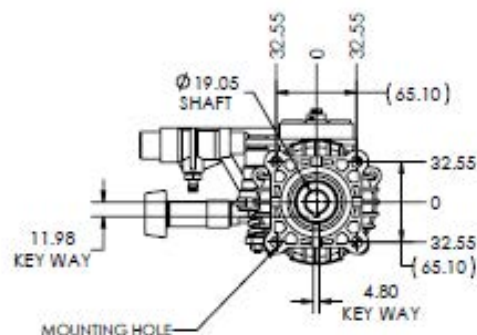
Part #	Landscape	Max Pressure	Max GPM	Power Boost®	Manifold Material	Shaft / Flange	Inlet	Outlet
	Horizontal	3000 PSI	2.4 GPM	No	Clear Anodized Aluminium	3/4" / J-609A style	Garden Hose	M22
	Horizontal	3200 PSI	2.5 GPM	No	Black Anodized Aluminium	3/4" / J-609A style	Garden Hose	M22
	Horizontal	3400 PSI	2.5 GPM	Yes	Brass	3/4" / J-609A style	Garden Hose	M22

♦ See page 16 for key information on PowerBoost® Technology

## Pump Mounting Details



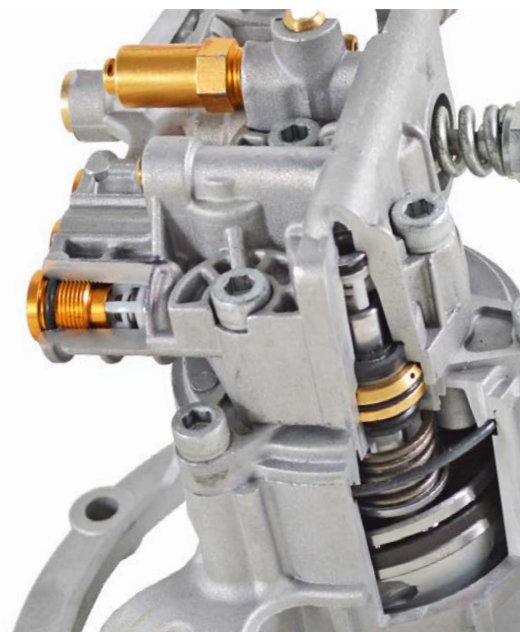
SOME PARTS HIDDEN FOR CLARITY



# OUR REPAIR KITS



GET CUSTOMERS  
**BACK UP &  
RUNNING**







# PUMP REPAIR KITS

## Industrial Triplex Pump Repair Kit Matrix

### C31

Part #	Description	530008	530009
7104223	Valve Kit	✓	✓
7108750	Valve Kit	N/A	N/A
7105742	Low & High Pressure Seal Kit	✓	✓
7106733	Low & High Pressure Seal Kit	N/A	N/A
7105741	Oil Seal Kit	✓	✓
7106731	Oil Seal	N/A	N/A
7108745	Unloader Valve Kit	✓	✓
7108747	Unloader Valve Kit	N/A	N/A
7104228	Soap Injector Kit	✓	✓
7106228	Boost Valve Kit	N/A	N/A
7105740	Unloader Check Valve Kit	✓	✓
7105921	Sight Glass Kit	✓	✓
7106709	Sight Glass Kit	N/A	N/A
7108746	Manifold Kit	✓	✓
7108752	Manifold Kit	N/A	N/A
7108753	Crankcase Kit	N/A	N/A
7108754	Crankcase Kit	N/A	N/A
7108751	Connecting Rod Kit	N/A	N/A
7109066	Unloader Knob Kit	✓	✓
7108868	Oil Vent Cap	✓	✓
7107484	Outlet Fitting Kit	✓	✓



# PUMP REPAIR KITS

## Industrial Triplex Pump Repair Kit Matrix

### C41

Part #	Description	530010	5300
7104223	Valve Kit	N/A	N/A
7108750	Valve Kit	✓	✓
7105742	Low & High Pressure Seal Kit	N/A	N/A
7106733	Low & High Pressure Seal Kit	✓	✓
7105741	Oil Seal Kit	N/A	N/A
7106731	Oil Seal	✓	✓
7108745	Unloader Valve Kit	N/A	N/A
7108747	Unloader Valve Kit	✓	✓
7104228	Soap Injector Kit	✓	✓
7106228	Boost Valve Kit	✓	✓
7105740	Unloader Check Valve Kit	N/A	N/A
7105921	Sight Glass Kit	N/A	N/A
7106709	Sight Glass Kit	✓	✓
7108746	Manifold Kit	N/A	N/A
7108752	Manifold Kit	✓	✓
7108753	Crankcase Kit	✓	N/A
7108754	Crankcase Kit	N/A	✓
7108751	Connecting Rod Kit	✓	✓
7109066	Unloader Knob Kit	✓	✓
7108868	Oil Vent Cap	✓	✓
7107484	Outlet Fitting Kit	N/A	N/A
7106701	Outlet Connect Outlet	✓	✓

### EW

Part #	Description	7109267
7101359	Thermo Valve Kit 1/4 NPT	✓
7105404	Injector Body Kit 3/8 NPT	✓
7105410	Unloader Valve Kit & Seat	✓
7109627	Complete Valve Kit	✓
7107528	Water Seal Kit	✓
7107527	Piston Kit	✓
7109628	Oil Seal Kit	✓

## Axial Cam Pump Repair Kit Matrix

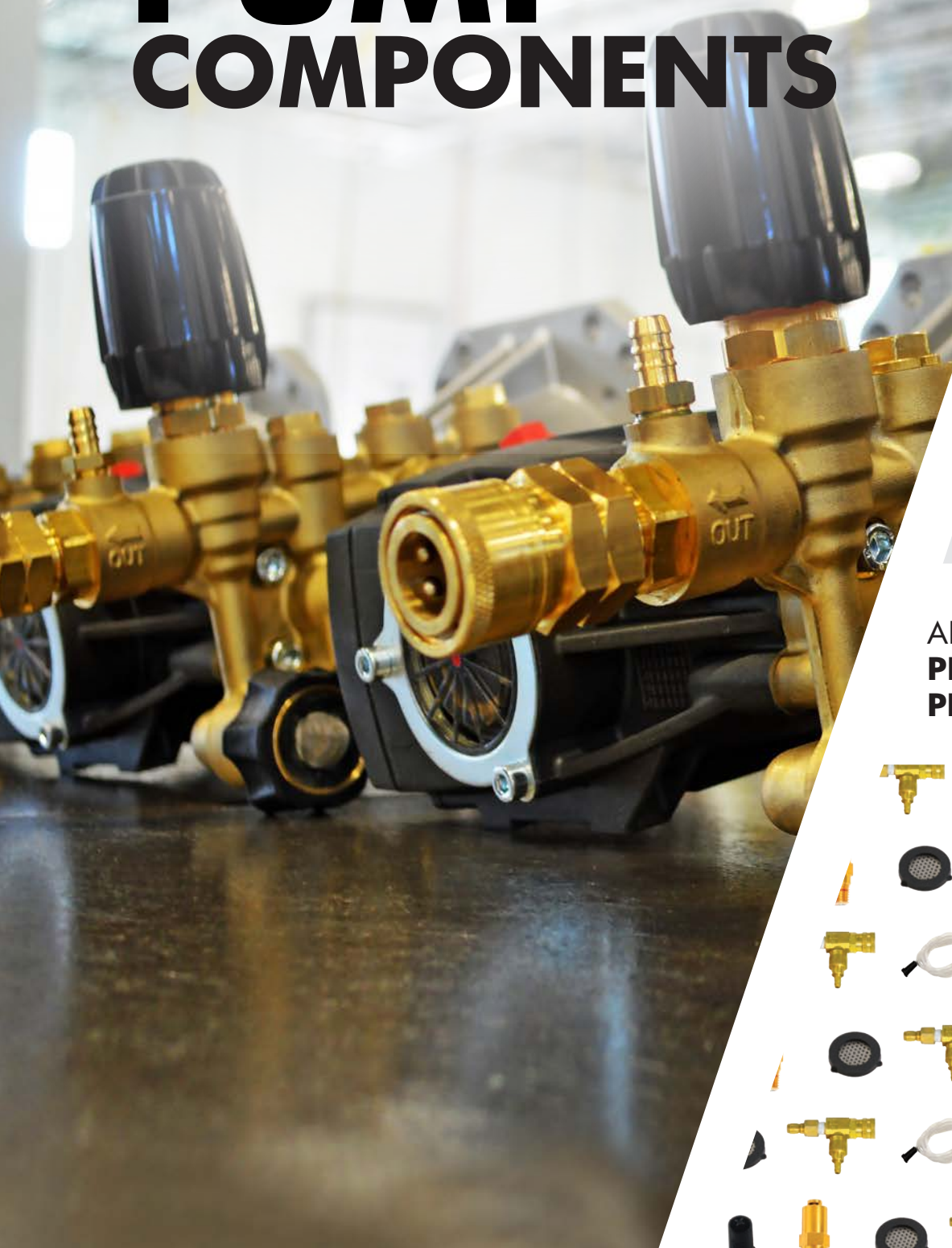
### Vertical

Part #	Description	510001	510003	510005	510011	510013	510014 90026	510015
7104223	Valve Kit	✓	✓	✓	✓	✓	✓	✓
7106664	Low & High Pressure Seal Kit	✓	✓	N/A	N/A	N/A	N/A	N/A
7106627	Low & High Pressure Seal Kit	N/A	N/A	✓	✓	✓	✓	✓
7106662	Oil Seal Kit	✓	✓	✓	N/A	N/A	N/A	N/A
7105741	Oil Seal Kit	N/A	N/A	N/A	✓	✓	✓	✓
7104226	Unloader Valve Kit	✓	✓	✓	✓	✓	✓	✓
7104228	Soap Injector	✓	✓	✓	✓	✓	✓	✓
7106630	Venturi Tube Kit	✓	✓	✓	✓	✓	✓	✓
7108157	Boost Valve Kit	N/A	N/A	✓	N/A	N/A	✓	✓
7106228	Boost Valve Kit	✓	✓	N/A	✓	✓	N/A	N/A
7108366	Manifold Kit	N/A	N/A	✓	N/A	N/A	✓	✓
7107342	Manifold Kit	N/A	✓	N/A	N/A	N/A	N/A	N/A
7108392	Crankcase Kit	N/A	N/A	✓	N/A	N/A	N/A	N/A
7108392	Crankcase Kit	N/A	N/A	N/A	N/A	N/A	✓	✓
7107423	Manifold Kit	N/A	N/A	N/A	✓	✓	N/A	N/A
7107340	Manifold Kit	✓	N/A	N/A	N/A	N/A	N/A	N/A
7108158	Manifold Kit	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7107339	Crankcase Kit	✓	N/A	N/A	✓	✓	N/A	N/A
7107341	Crankcase Kit	N/A	✓	N/A	N/A	N/A	N/A	N/A
7108366	Crankcase Kit	N/A	N/A	N/A	N/A	N/A	N/A	N/A

### Horizontal

Part #	Description	520002	520011	520004	520006
7104223	Valve Kit	✓	✓	✓	✓
7106627	Low & High Pressure Seal Kit	✓	✓	✓	✓
7105741	Oil Seal Kit	✓	✓	✓	✓
7104226	Unloader Valve Kit	✓	✓	✓	✓
7104228	Soap Injector Kit	✓	✓	✓	✓
7108157	Boost Valve Kit	N/A	✓	N/A	✓
7106630	Venturi Tube Kit	✓	✓	✓	✓
7106654	Boost Valve	✓	N/A	✓	N/A
7108403	Crankcase Kit	N/A	✓	N/A	✓
7107373	Crankcase Kit	✓	N/A	✓	N/A
7108397	Manifold Kit	N/A	✓	N/A	N/A
7107344	Manifold Kit	✓	N/A	N/A	N/A
7108366	Manifold Kit	N/A	✓	N/A	N/A

# OUR PUMP COMPONENTS



## ADDITIONAL PERFORMANCE PIECES







# PUMP COMPONENTS



## Downstream Chemical Injector Complete Assembly with Siphon Tube & Filter

- Brass housing
- Adjustable chemical injection
- Equipped with 3/8" QC
- 4' chemical pick-up hose with filter

Part #	PSI	GPM	Temp / Application	Inlet	Outlet	Barb Diameter
80194	3500	3.0 - 4.0	180° F	3/8" QC plug	3/8" QC socket	1/4"
80195	3500	4.0 - 5.5	180° F	3/8" QC plug	3/8" QC socket	1/4"
80196	3500	5.5 - 10.8	180° F	3/8" QC plug	3/8" QC socket	1/4"



## Chemical Siphon Tube & Filter Kit

- 4' long chemical pick-up hose
- Weighted chemical filter

Part #	Outer Diameter	Inner Diameter	Wall Thickness	Length
7102207	9mm	6mm	1.5mm	4' 3"

## Chemical Filters

- Prevents harmful particles from entering your pump
- Available in plastic and brass



Part #	Description	Barb Diameter
7108019	Weighted plastic	1/4"
7100335	Brass	1/4"



# PUMP COMPONENTS



## Thermal Relief Valve

- Aluminum body prevents rusting
- Automatically resets
- No adjustment required

Part #	Description	Degree
7101359	1/4" NPT	140°
7101356	3/8" NPT	140°
7101331	1/2" NPT	140°



## Water Inlet Filters

- Steel mesh screen to prevent harmful particles from entering your pump

Part #	Inlet Size
7000123	25 mm



## Pump Guard

- Protects pump from freezing temperature down to -25°F
- Minimizes harmful corrosion
- Lubricates valves, seats and pistons to prevent sticking
- Protects pump between uses

Model	Ounces
80130	12 oz.

## Pump Oil



- Formulated to maximize pump performance and protect critical components by preventing wear and corrosion
- Pump oil to be changed after 50 hours of operation and every 100 hours thereafter

Part #	Ounces
7106737	16 oz.

## Pump Unloaders



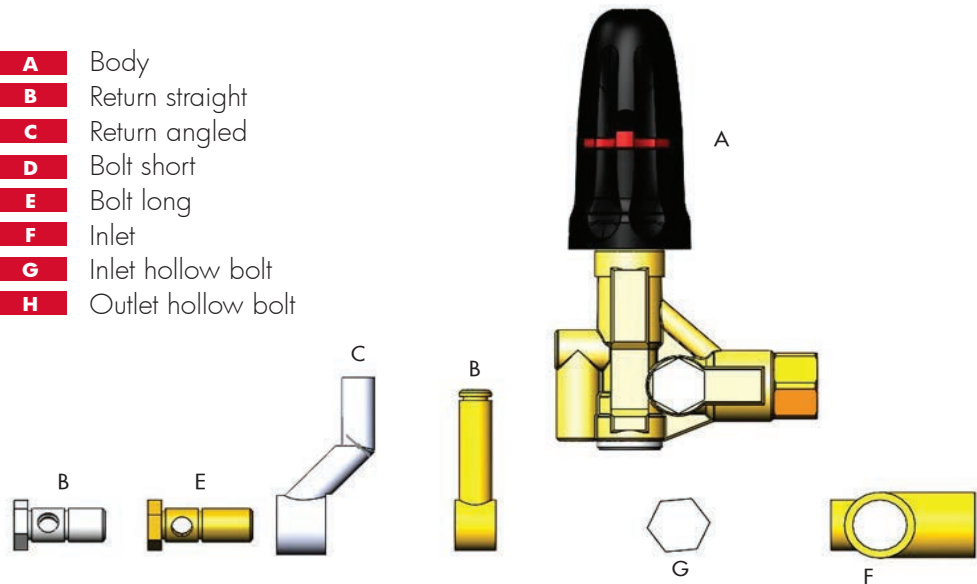
### Banjo Unloader

- Adaptable to fit most major brands of triplex pumps
- Robust forged brass construction

Part #	Max PSI	Max GPM	Inlet	Outlet
80224	4500 PSI	12.0 GPM	1/2" NPT	3/8" NPT

### Banjo Unloader Universal System

- A** Body
- B** Return straight
- C** Return angled
- D** Bolt short
- E** Bolt long
- F** Inlet
- G** Inlet hollow bolt
- H** Outlet hollow bolt

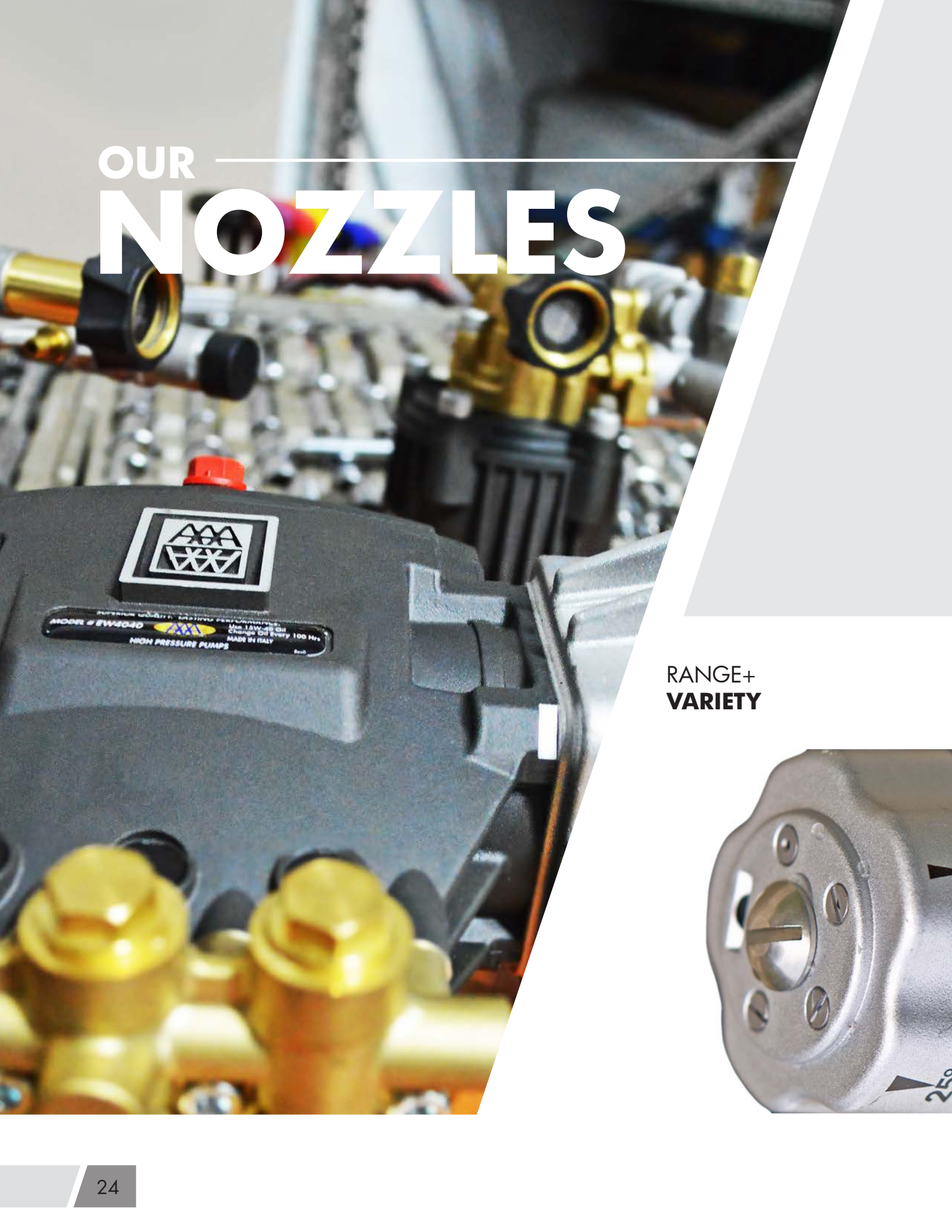


### P1 Unloader

- Adjustable unloader
- Flexible design for remote application
- Robust forged brass construction with high grade internal stainless steel components

Part #	Max PSI	Max GPM	Inlet	Outlet	Easy Start
7106592	4500 PSI	12.0 GPM	1/2" NPT	3/8" NPT	No
7105891	4500 PSI	12.0 GPM	1/2" NPT	3/8" NPT	Yes

# OUR NOZZLES



RANGE+  
**VARIETY**





# NOZZLES

## Spray Nozzles

### Nozzle Size Selection Chart

Nozzle Size	Hole Size		Pounds Per Square Inch (PSI)																
			500	750	1000	1250	1500	1750	2000	2250	2500	2750	3000	3250	3500	3750	4000	4500	5000
2.0	.34"/.86mm	Gallons Per Minute (GPM)	0.71	.87	1.00	1.12	1.22	1.32	1.41	1.50	1.58	1.66	1.73	1.80	1.87	1.94	2.00	2.12	2.24
2.5	.042"/1.07mm		.88	1.08	1.25	1.40	1.53	1.65	1.77	1.88	1.98	2.07	2.17	2.25	2.35	2.42	2.50	2.65	2.80
3.0	.043"/1.09mm		1.06	1.30	1.50	1.68	1.84	1.98	2.12	2.25	2.37	2.49	2.60	2.70	2.81	2.90	3.00	3.18	3.35
3.5	.048"/1.22mm		1.24	1.52	1.75	1.96	2.14	2.32	2.47	2.63	2.77	2.90	3.03	3.15	3.27	3.39	3.50	3.71	3.91
4.0	.052" /1.32mm		1.41	1.73	2.00	2.24	2.45	2.65	2.83	3.00	3.16	3.32	3.46	3.61	3.74	3.87	4.00	4.24	4.47
4.5	.055"/1.40mm		1.59	1.95	2.25	2.52	2.76	2.98	3.18	3.38	3.56	3.73	3.90	4.06	4.21	4.36	4.50	4.77	5.03
5.0	.057"/1.45mm		1.77	2.17	2.50	2.80	3.06	3.31	3.54	3.75	3.95	4.15	4.33	4.51	4.68	4.84	5.00	5.30	5.59
5.5	.60"/1.52mm		1.94	2.38	2.75	3.07	3.37	3.64	3.89	4.13	4.35	4.56	4.76	4.96	5.14	5.33	5.50	5.83	6.15
6.0	.062"1.57mm		2.12	2.60	3.00	3.35	3.67	3.97	4.24	4.50	4.74	4.97	5.20	5.41	5.61	5.81	6.00	6.36	6.71
6.5	.064"/1.63mm		2.30	2.81	3.25	3.63	3.98	4.30	4.60	4.88	5.14	5.39	5.63	5.86	6.08	6.29	6.50	6.89	7.27
7.0	.067"/1.70mm		2.47	3.03	3.50	3.91	4.29	4.63	4.95	5.25	5.53	5.80	6.06	6.31	6.55	6.78	7.00	7.42	7.83
7.5	.070"/1.78mm		2.65	3.25	3.75	4.19	4.59	4.96	5.30	5.63	5.93	6.22	6.50	6.76	7.02	7.26	7.50	7.95	8.39
8.0	.072"/1.83mm		2.83	3.46	4.00	4.47	4.90	5.29	5.66	6.00	6.32	6.63	6.93	7.21	7.48	7.75	8.00	8.49	8.94
8.5	.074"/1.88mm		3.01	3.68	4.25	4.75	5.21	5.62	6.01	6.38	6.72	7.05	7.36	7.66	7.95	8.23	8.50	9.02	9.50
9.0	.076"/1.93mm		3.18	3.90	4.50	5.03	5.51	5.95	6.36	6.75	7.12	7.46	7.79	8.11	8.42	8.71	9.00	9.55	10.06
9.5	.078"/1.98mm		3.36	4.11	4.75	5.31	5.82	6.28	6.72	7.13	7.51	7.88	8.23	8.42	8.71	9.00	9.50	10.08	10.62
10.0	.080"/2.03mm		3.54	4.33	5.00	5.59	6.12	6.61	7.07	7.50	7.91	8.29	8.66	9.01	9.35	9.68	10.00	10.61	11.18
11.0	.083"/2.11mm		3.89	4.76	5.50	6.15	6.74	7.28	7.78	8.25	8.70	9.12	9.53	9.92	10.29	10.65	11.00	11.67	12.30
12.0	.087"/2.21mm		4.24	5.20	6.00	6.71	7.35	7.94	8.49	9.00	9.49	9.95	10.39	10.82	11.22	11.62	12.00	12.73	13.42
12.5	.089"/2.26mm		4.42	5.41	6.25	6.99	7.65	8.27	8.84	9.38	9.88	10.36	10.83	11.27	11.69	12.10	12.50	13.26	13.98
13.0	.091"/2.31mm		4.60	5.63	6.50	7.27	7.96	8.60	9.19	9.75	10.28	10.78	11.26	11.72	12.16	12.59	13.00	13.79	14.53
15.0	.096"/2.44mm		5.30	6.50	7.50	8.39	9.19	9.92	10.61	11.25	11.86	12.44	12.99	13.52	14.03	14.52	15.00	15.91	16.77
20.0	.109"/2.77mm		7.07	8.66	10.00	11.18	12.25	13.23	14.14	15.00	15.81	16.58	17.32	18.03	18.71	19.36	20.00	21.21	22.36
25.0	.125"/3.18mm		8.84	10.83	12.50	13.98	15.31	16.54	17.68	18.75	19.76	20.73	21.65	22.53	23.39	24.41	25.00	26.52	27.95
30.0	.141"/3.58		10.61	12.99	15.00	16.77	18.37	19.84	21.21	22.50	23.72	24.87	25.98	27.04	28.06	29.05	30.00	31.82	33.54
40.0	.156"/3.96mm		14.14	17.32	20.00	22.36	24.49	26.46	28.28	30.00	31.62	33.17	34.64	36.06	37.42	38.73	40.00	42.43	44.72
50.0	.172"/4.37mm		17.68	21.65	25.00	27.95	30.62	33.07	35.36	37.50	39.53	41.46	43.30	45.07	46.77	48.41	50.00	53.03	55.90
60.0	.188"/4.88mm		21.21	25.98	30.00	33.54	36.74	39.69	42.43	45.00	47.43	49.75	51.96	54.07	56.12	58.09	60.00	63.64	67.08





# NOZZLES

## Spray Nozzle Specifications

### 1/4" Quick Connect Nozzles



- High pressure stainless steel quick connect nozzle tips
- Universal to fit pressure washers with quick connect spray wands
- Array of spray patterns; from pin point for those tough jobs to wide fan for maximum coverage

Nozzle Size	0° (Red) Part #	15° (Yellow) Part #	25° (Green) Part #	40° (White) Part #
2.0	7107134	7106455	7106775	7107948
2.5	7106149	7106150	7106151	7106152
3.0	7200218	7100660	7100661	7100662
3.5	7100639	7100640	7100641	7100642
4.0	7100638	7100013	7100014	7100015
4.5	7100644	7100645	7100646	7100647
5.0	7102501	7200214	7200215	7200216
5.5	7100683	7100030	7100031	7100032
6.0	7102334	7101722	7101598	7101729

### 4 Pack - 1/4" Quick Connect Nozzles



- Includes 0°, 15°, 40° stainless steel nozzles and a plastic soap nozzle

Part #	Nozzle Size
7105176	2.8
7100637	3.0
7103767	3.25
7100687	3.5
7103872	4.0
7100681	4.5

### 5 Pack - 1/4" Quick Connect Nozzles



- Includes 0°, 15°, 25°, 40° stainless steel nozzles and an aluminum soap nozzle

Part #	Nozzle Size
7104818	2.8
7103743	3.0
7106201	3.25
7100634	3.5
7101683	4.0
7100643	4.5



## Spray Nozzle Specifications



### 1/4" Quick Connect Soap Nozzles

- Quick connect nozzle tips
- Universal to fit pressure washers with quick connect spray wands
- Wide fan spray pattern for low pressure chemical cleaning

Part #	Degree	Material
7106327	Low Pressure	Plastic
7106574	Low Pressure	Aluminium
7100668	Low Pressure	Brass



### Second Story Nozzle Set

- High reach soap and rinse spray nozzles for long distance cleaning jobs
- Propels soap and water further than standard nozzles
- Universal to fit pressure washers with quick connect spray wands
- Rated up to 5000 PSI

Part #	Nozzle Size	Material
80183	Rinse - 10 Soap - 40	Brass



# NOZZLES

## Spray Nozzle Specifications

### Meg Nozzles



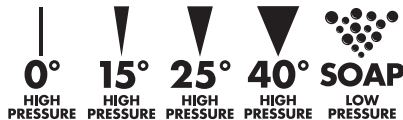
- Meg nozzles fit into male 1/4" threaded spray head
- Stainless steel resists rust and corrosion
- Change the width of your spray pattern simply by switching nozzles

Nozzle Size	0° Part #	15° Part #	25° Part #	40° Part #
5.0	7108312	710563	7107136	7108313
5.5	7102208	7102201	7100632	7102209
6.0	7107846	7107649	7107137	7107847
6.5	7120001	7120002	7107439	7107138
7.0	7108314	7108315	7108316	7108317



### 5-N-1 Multi-Tip Spray Nozzle

- Designed to fit most gas pressure washers with quick connect spray wands
- Fits standard 1/4" QC wand connection
- Combines five different spray patterns into one convenient twistable nozzle head
- Spray patterns include 0°, 15°, 25°, 40° and soap

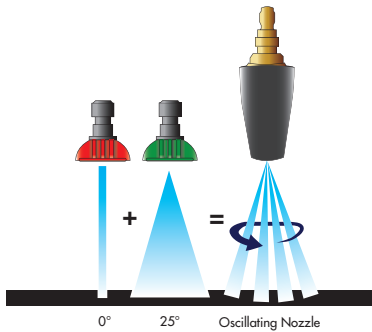


Part #	Max PSI	Max Temp Application	Inlet
80154	3400	140° F	1/4" QC Plug





## Turbo Spray Nozzle Specifications



### Turbo Spray Nozzle Set

- 1/4" female NPT with 1/4" QC plug included
- Creates a powerful jet of oscillating water
- Cleaning impact of a 0°, with the area coverage of a 25°
- Max temperature of 212°



#### 3600 PSI Turbo Spray Nozzles

Part #	Nozzle Size
80155	3.0



#### 4500 PSI Turbo Spray Nozzles

Part #	Nozzle Size
80156	4.0
80239	3.5
80240	4.5



#### 5500 PSI Turbo Spray Nozzles

Part #	Nozzle Size
80232	4.0
80233	5.0
80234	6.0
80235	7.0
80236	8.0



# OUR HOSES

SUPERIOR HOSE  
**DESIGN**





# HOSES

## Cold Water Pressure Washer Hose

### PVC Hose Series



- Equipped with patented dual o-ring design to fit both 14mm and 15mm connections
- Non-marring and durable to withstand harsh environments
- Polyester braid for strength
- Designed to fit pressure washers with standard M22 connections



#### PVC Hose Series Specifications

Part #	Max PSI	ID	Length	Temp / Application	Inlet	Outlet
30095	3200	1/4"	25'	140° F	M22	M22
30096	3200	1/4"	30'	140° F	M22	M22
30091	3200	1/4"	50'	140° F	M22	M22

## Cold Water Pressure Washer Hose

### Synthetic Rubber Hose Series



- Dual-braid steel construction over polyester with Santoprene™ synthetic rubber outer jacket
- Steel reinforced for high strength and durability
- Non-marring and durable to withstand harsh environments
- Designed to fit pressure washers with standard M22 or quick connections
- Polyurethane outer jacket is up to six times more abrasion resistant than rubber



#### Synthetic Rubber Hose Series Specifications

Part #	Max PSI	ID	Length	Temp / Application	Inlet	Outlet
43051	4000	1/4"	25'	140° F	M22	M22
43041	3700	5/16"	25'	140° F	1 pc QC Socket	1 pc QC Plug
30086	4500	3/8"	25'	140° F	1 pc QC Socket	1 pc QC Plug
41097	4500	3/8"	50'	140° F	2 pc QC Socket	2 pc QC Plug
41098	4500	3/8"	100'	140° F	2 pc QC Socket	2 pc QC Plug





# HOSES

## Cold Water Pressure Washer Hose

### MorFlex™ Hose Series



- Equipped with M22 fittings with patented dual o-ring design to fit both 14mm and 15mm connections
- Lightweight for easy handling
- MorFlex™ technology for high flexibility and kink resistance
- Polyurethane outer jacket is up to six times more abrasion resistant than rubber
- Non-marring and durable to withstand harsh environments



### MorFlex™ Hose Series Specifications

#### Gray Polyurethane Jacket / Polyester Braid

Part #	Max PSI	ID	Length	Temp / Application	Inlet	Outlet
43046	3200	1/4"	25'	140° F	M22	M22
43002	3200	1/4"	30'	140° F	M22	M22
43065	3200	1/4"	50'	140° F	M22	M22
43047	3700	5/16"	25'	140° F	M22	M22
43052	3700	5/16"	35'	140° F	M22	M22





## Cold Water Pressure Washer Hose

### Monster Hose™ Series



- Dual-braid steel construction over polyester and jacketed with a translucent polyurethane
- Steel reinforced for high strength and durability
- Equipped with quick connect fittings for quick and easy setup (1 pc and 2pc QC available)
- Polyurethane outer jacket is up to six times more abrasion resistant than rubber
- Designed to fit pressure washers with standard quick connections
- Non-marring and durable to withstand harsh environments



### Monster Hose™ Series Specifications

#### Translucent Polyurethane Jacket / Steel & Polyester Braid

Part #	Max PSI	ID	Length	Temp / Application	Inlet	Outlet
43038	4500	3/8"	25'	140° F	1 pc 3/8" QC Socket	1 pc 3/8" QC Plug
43013	4500	3/8"	50'	140° F	1 pc 3/8" QC Socket	1 pc 3/8" QC Plug
40150	4500	3/8"	50'	140° F	2 pc 3/8" QC Socket	2 pc 3/8" QC Plug
41030	4500	3/8"	100'	140° F	2 pc 3/8" QC Socket	2 pc 3/8" QC Plug
41032	4500	3/8"	150'	140° F	2 pc 3/8" QC Socket	2 pc 3/8" QC Plug
41034	4500	3/8"	200'	140° F	2 pc 3/8" QC Socket	2 pc 3/8" QC Plug



# HOSES

## Hot Water Pressure Washer Hose

### Armor Hose™ Series



- High temperature applications up to 250°F (not for steam use)
- Dual-braided steel and polyester construction with polyurethane jacket
- Steel reinforced for high strength and durability
- Equipped with quick connect fittings for quick and easy setup
- Designed to fit pressure washers with standard quick connections
- Polyurethane outer jacket is up to six times more abrasion resistant than rubber
- Non-marring and UV resistant



### Armor Hose™ Series Specifications

#### Gray Polyurethane Jacket / Steel & Polyester Braid

Part #	Max PSI	ID	Length	Temp / Application	Inlet	Outlet
41101	4500	3/8"	25'	250° F	2 pc 3/8" QC Socket	2 pc 3/8" QC Plug
41095	4500	3/8"	50'	250° F	2 pc 3/8" QC Socket	2 pc 3/8" QC Plug
41096	4500	3/8"	100'	250° F	2 pc 3/8" QC Socket	2 pc 3/8" QC Plug
41115	4500	3/8"	200'	250° F	2 pc 3/8" QC Socket	2 pc 3/8" QC Plug



## Hot Water Pressure Washer Hose

### Rubber Hose Series



- High pressure hose for hot and cold water pressure washers
- Dual steel braid construction and jacketed with gray wrapped rubber
- Steel braid reinforcement for high strength, durability and kink resistance
- Equipped with quick connect fittings for quick and easy setup
- 18" kink guards



### Rubber Hose Series Specifications

#### R1 Hot Water Hose

Part #	Max PSI	ID	Length	Temp / Application	Inlet	Outlet
41178	4500	3/8"	50'	250° F	3/8" 2 pc QC Socket	3/8" 2 pc QC Plug

#### R2 Hot Water Hose

Part #	Max PSI	ID	Length	Temp / Application	Inlet	Outlet
41128	8000	3/8"	50'	250° F	3/8" 2 pc QC Socket	3/8" 2 pc QC Plug
41130	8000	3/8"	100'	250° F	3/8" 2 pc QC Socket	3/8" 2 pc QC Plug
41132	8000	3/8"	200'	250° F	3/8" 2 pc QC Socket	3/8" 2 pc QC Plug
41138	10,000	3/8"	50'	250° F	3/8" 2 pc QC Socket	3/8" 2 pc QC Plug
41140	10,000	3/8"	100'	250° F	3/8" 2 pc QC Socket	3/8" 2 pc QC Plug
41141	10,000	3/8"	200'	250° F	3/8" 2 pc QC Socket	3/8" 2 pc QC Plug
41160	10,000	1/2"	50'	250° F	3/8" 2 pc QC Socket	3/8" 2 pc QC Plug
41162	10,000	1/2"	100'	250° F	3/8" 2 pc QC Socket	3/8" 2 pc QC Plug
41164	10,000	1/2"	200'	250° F	3/8" 2 pc QC Socket	3/8" 2 pc QC Plug



## Specialty Hose

### Carpet Cleaning Hose Series



- Non-marring bonded jacket with a seamless heat and chemical resistant inner tube
- Kink and abrasion resistant
- Standard Male NPT fittings and bend protectors
- Polyester construction with polyurethane jacket
- High temperature applications up to 250°F (not for steam use)
- Polyurethane outer jacket is up to four times more abrasion resistant than rubber



### Carpet Cleaning Hose Series Specifications

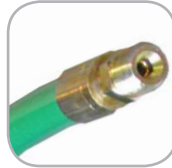
Part #	Max PSI	ID	Length	Temp / Application	Inlet	Outlet
30100	3000	1/4"	25'	250° F	1/4" NPT	1/4" NPT
30101	3000	1/4"	50'	250° F	1/4" NPT	1/4" NPT
30102	3000	1/4"	100'	250° F	1/4" NPT	1/4" NPT
30103	3000	1/4"	150'	250° F	1/4" NPT	1/4" NPT
30104	3000	1/4"	200'	250° F	1/4" NPT	1/4" NPT
30110	3000	3/8"	25'	250° F	3/8" NPT	3/8" NPT
30111	3000	3/8"	50'	250° F	3/8" NPT	3/8" NPT
30113	3000	3/8"	100'	250° F	3/8" NPT	3/8" NPT
30114	3000	3/8"	150'	250° F	3/8" NPT	3/8" NPT
30115	3000	3/8"	200'	250° F	3/8" NPT	3/8" NPT
30116	3000	1/4"	250'	250° F	1/4" NPT	1/4" NPT
30117	3000	1/4"	300'	250° F	1/4" NPT	1/4" NPT
30141*	3000	1/4"	50'	250° F	1/4" NPT	1/4" NPT
30142*	3000	1/4"	100'	250° F	1/4" NPT	1/4" NPT

\*HD models with heavy-duty polyurethane construction



## Specialty Hose

# JetXtreme™ Hose Series



- Commercial / Industrial applications
- Easy handling for tight pipe bends
- High tensile double polyester fiber braids for reinforcement
- Polyurethane cover provides superior abrasion resistance and prevents residue build-up
- High tensile double fiber braids contribute to low volumetric expansion and eliminates loss of strength due to moisture
- Ideal for truck and trailer mounts
- Designed for high temperature applications up to 250° (not for steam use)

## JetXtreme™ Hose Series Specifications

Part #	Max PSI	ID	Length	Temp / Application	Inlet	Outlet
30120	4000	3/8"	50'	250° F	3/8" Male NPT	3/8" Male NPT
30121	4000	3/8"	75'	250° F	3/8" Male NPT	3/8" Male NPT
30122	4000	3/8"	100'	250° F	3/8" Male NPT	3/8" Male NPT
30123	4000	3/8"	150'	250° F	3/8" Male NPT	3/8" Male NPT
30124	4000	3/8"	200'	250° F	3/8" Male NPT	3/8" Male NPT
30200	4000	1/2"	50'	250° F	1/2" Male NPT	1/2" Male NPT
30201	4000	1/2"	75'	250° F	1/2" Male NPT	1/2" Male NPT
30202	4000	1/2"	100'	250° F	1/2" Male NPT	1/2" Male NPT



# OUR **ACCESSORIES**

ENHANCING THE  
**EXPERIENCE**





# ACCESSORIES

## Ergonomic Spray Guns

### OF341



7107956



7108115

- Ergonomic design and easy pull trigger for comfort and ease of use
- Equipped with a trigger safety lock-out
- Adjustable pressure regulator options available
- Front load with M22 connections

#### OF341 Front Load Spray Gun

Part #	Max PSI	Max GPM	Inlet	Outlet	Adjustable Pressure Regulator	Max Temp
7107956	3400	8.0	M22	M22	No	140° F
7108115	3400	8.0	M22	M22	Yes	140° F

## Ergonomic Spray Guns

### OR361



7109565

#### OR361 Rear Load Spray Gun

Part #	Max PSI	Max GPM	Inlet	Outlet	Side Handle	Dial-N-Wash	Max Temperature
7109565	3600	8.0	M22	M22	No	No	140° F

## Ergonomic Spray Guns

### OR501



7108134

- Hot and cold water application capable
- Equipped with a trigger safety lock-out
- Ergonomic design and easy pull trigger for comfort and ease of use

#### OR501 Rear Load Spray Gun

Part #	Max PSI	Max GPM	Inlet	Outlet	Max Temperature
7108134	5000	12	3/8" NPT	1/4" NPT	320° F



# ACCESSORIES

## Ergonomic Spray Guns

### OR451



7108124



7108128



7108125



7108129



7108126



7108130



7108127



7108131

#### OR451 Rear Load Spray Gun

Part #	Max PSI	Max GPM	Inlet	Outlet	Side Handle	Dial-N-Wash™	Max Temp
7108124	4500	6.6	M22	M22	No	No	140° F
7108125	4500	6.6	3/8" QC	M22	No	No	140° F
7108126	4500	6.6	M22	M22	Yes	No	140° F
7108127	4500	6.6	3/8" QC	M22	Yes	No	140° F
7108128	4500	6.6	M22	M22	No	Yes	140° F
7108129	4500	6.6	3/8" QC	M22	No	Yes	140° F
7108130	4500	6.6	M22	M22	Yes	Yes	140° F
7108131	4500	6.6	3/8" QC	M22	Yes	Yes	140° F



## High Pressure Spray Lances



- 1/4" quick connect for easy attachment of spray tips and other accessories
- Cold water applications only
- Designed to fit most pressure washers with standard M22 connections

### Spray Lance

Part #	Max PSI	Length	Inlet	Outlet
7103550	4500	16"	1/4" QC	M22
7103261	4500	31"	1/4" QC	M22



- 1/4" quick connect for easy attachment of spray tips and other accessories
- Insulated for hot water applications
- 1/4" quick connect NPT connections

### Spray Lance w/ Vented Grip

Part #	Max PSI	Length	Inlet	Outlet
7100550	5000	36'	1/4" QC	1/4" NPT
7100551	5000	48'	1/4" QC	1/4" NPT



- Allows you to control the spray pattern with a simple twist at the end of your lance
- Spray patterns range from a high pressure pinpoint to a low pressure fan
- Designed to fit standard M22 connections

### Lance with Vario Head

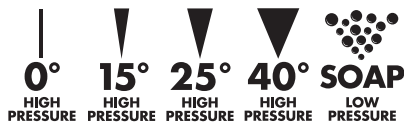
Part #	Max PSI	Length	Inlet	Orifice Size
7105469	3000	17.5"	M22	1.15 mm



# ACCESSORIES

## High Pressure Spray Lances

### 5-N-1 Multi Tip Spray Lance

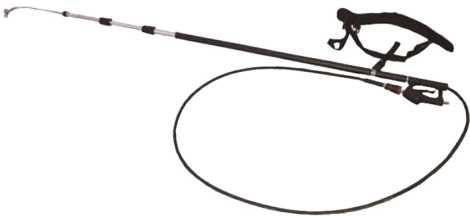


- Designed to fit most gas pressure washers with standard M22 gun connections
- Combines five different spray patterns into one convenient twistable nozzle head
- Spray patterns include 0°, 15°, 25°, 40°, and soap

Part #	Max PSI	Max Temp Application	Inlet
7108048	3400	140° Cold Water	M22

## High Pressure Spray Lances

### Telescoping Lance



- Quickly extends to 18 feet to make cleaning hard to reach surfaces quick and easy
- Includes dual nozzle gutter cleaner and safety harness

Part #	Max PSI	Length	Inlet	Outlet
7300585	5000	18'	3/8" NPT - 3/8" QC	M22





## Surface Cleaners

### 15"



- Uniformly cleans large surfaces such as garage floors, driveways, patios and decks quickly
- High quality assembly includes powder coated steel shroud and stainless steel nozzles
- Two high-pressure, rotating jets for quick, streak free cleaning
- Fits standard 1/4" QC spray lance connections

Part #	Diameter	Max PSI	Max GPM
80165	15"	3600	3.0

## Commercial/Industrial Surface Cleaners

### 18" & 20"



- Uniformly cleans large surfaces such as sidewalks, parking lots, and shop floors
- 18" or 20" heavy duty cover
- One piece balanced spray bar with rotating jets for quick streak free cleaning
- Equipped with one piece balanced spray bar & portable breakaway handle
- Lightweight ergonomic handle decreases operator fatigue
- Rigid bristles keep water contained

Part #	Diameter	Max PSI	Max GPM
80181	18"	4500	8.0
80182	20"	4500	8.0



# ACCESSORIES

## Hose Reels



- Holds up to 100' or 200' of 3/8" high pressure hose
- Heavy duty powder coated steel
- Over-sized heavy duty locking mechanism prevents slippage during reel operation

Description	Max PSI	Capacity
100' x 3/8" Steel Hose Reel	5000	100'
200' x 3/8" Steel Hose Reel	5000	200'

## Portable Hose Reels



- Heavy duty, powder coated steel tube frame
- Anti-rotation locking pin prevents hose from unwinding during transportation
- Non-marring anti-vibration feet
- 10" premium pneumatic tires

Part #	Capacity	Max PSI	Max Temp	Inlet/Outlet
80242	300' x 3/8" or 200' x 1/2"	5000	300° F	1/2" NPT

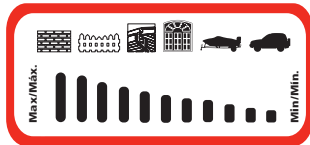


- Black, powder coated low carbon steel frame
- Portable design for easy transport
- Non-marring anti-vibration feet

Part #	Capacity	Max PSI	Max Temp	Inlet/Outlet
80243	100' x 3/8" x 125' x 1/4"	5000	300° F	3/8" NPT



## Dial-N-Wash™ Adjustable Pressure Regulator



- Adjust pressure for a cleaning application's specific needs
- Standard to most gas pressure washers up to 4500 PSI
- Use with any standard spray lance and standard gun with M22 connectors
- Adjust pressure from min PSI to max PSI with a simple twist

Part #	Max PSI	Max Temp Application	Inlet	Outlet
82235	4500	140°	M22	M22

## Acid Injectors

### Body



- Prevents chemicals from entering the pump allowing for a wider choice of chemicals
- Adjustable flow allows you to increase or decrease the amount of chemical as needed
- Heavy-duty steel prevents corrosion
- Standard to fit most gas pressures washers

#### Acid Injector Body w/ QC Fittings

Part #	Acid Levels	Temp / Application	Outlet
TBD	PH1-PH14	Cold & Hot Water	3/8" MPT

## Acid Injectors

### Complete Assembly



#### Acid Injector Complete Assembly w/ Siphon Tube, Filter, and Nozzles

Part #	Acid Levels	Application	Inlet	Outlet
7100028	PH1- PH14	Cold & Hot Water	3/8" QC Plug	1/4" NPT



# OUR FITTINGS

DURABLE  
**CONNECTORS**





# FITTINGS

## Coupler Fittings

### 3/8" QC - 3/8" NPT



Part #	Description
7100020	3/8" QC plug - 3/8" Female NPT

### 3/8" QC - M22



Part #	Description
7101772	3/8" QC Plug - Female M22

### 3/8" QC - 3/8" NPT



Part #	Description
7100019	3/8" QC Socket - 3/8" Female NPT





# FITTINGS

## Coupler Fittings

### 3/8" QC - M22



Part #	Description
7200068	3/8" QC Socket - Female M22

### 3/8" QC - M22



Part #	Description
7105057	3/8" QC Socket - Male M22

### M22 - M22



Part #	Description
104049	14mm Male M22 - 15mm Male M22



## O-Rings & Filters

### Universal Fit



- Contains 2 pump inlet screen filters
- Standard to fit many gas pressure washer components
- Replaces worn or damaged o-rings and filters
- Contains a variety of o-rings for pressure washer guns, hoses, wands, accessories, and pumps
- Helps keep your pressure washer couplers in top shape

#### O-Rings

Part #	Kit Qty
80163	10

#### O-Ring Size Chart

Color	QTY	Size
Green	2	14 mm OD / 8.6 mm ID /
Yellow	2	14 mm OD / 9.8 mm ID / 2.1mm CS
Red	2	15.6 mm OD / 10 mm ID / 2.8 mm CS
Blue	2	18 mm OD / 12.7 mm ID / 2.65mm CS
Black	2	15 mm OD / 9 mm ID / 3 mm CS

#### O-Ring Filter Size Chart

Color	QTY	Size
Black	2	25 mm OD / 15 mm ID / 10 mm CS



# OUR **FRAMES**

STRENGTH+  
**DURABILITY**





# FRAMES

## Frame Styles



80213



80215



80238



80216

## Includes

Part Number	Assembled Frame Dims. (l x w x h)	Base Plate Dims. (l x w)	Black Powder Coated Steel Frame	12" Never Flat Wheels	10" Pneumatic Wheels	13" Pneumatic Wheels	Top Instruction Panel/Lift Handle	Black Powder Coated Steel Dashboard w/ Grommets
80213	32.9"x 19.6" x 19.9"	6.1"x 13.5"	✓	✓	N/A	N/A	N/A	✓
80215	32.4"x 22" x 22.3"	16.7"x 13.2"	✓	N/A	✓	N/A	N/A	✓
80238	33.8"x 22.25" x 22.89"	11.08"x 13.4"	✓	N/A	✓	N/A	N/A	✓
80216	37.4"x 23.8" x 28.4"	10.6"x 15"	✓	N/A	N/A	✓	✓	✓





# FRAMES

## Frame Styles



**80217**



**80218**



**80221**

## Includes

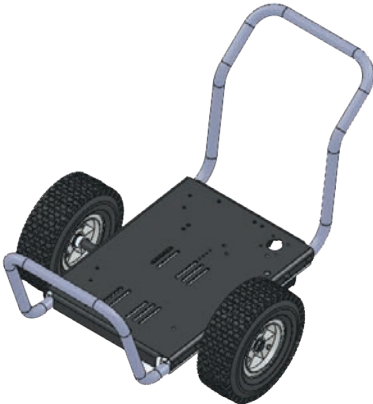
Part #	Assembled Frame Dims. (l x w x h)	Base Plate Dims. (l x w)	Aluminium Frame	10" Pneumatic Wheels	13" Pneumatic Wheels	13" Pneumatic Mag Type Wheels	Top Instruction Panel/Lift Handle	Black Powder Coated Steel Dashboard w/ Grommets
80217	31.3"x 22.2" x 22.8"	15.6"x 13.4"	✓	✓	N/A	N/A	N/A	✓
80218	37.74"x 24.21" x 27.01"	14.91"x 21.88"	✓	N/A	✓	N/A	N/A	✓
80221	45.8"x 26.6" x 23.2"	21.7"x 15.3"	✓	N/A	N/A	✓	N/A	N/A



Frame Styles



80220



80222



80223

Includes

Part Number	Assembled Frame Dims. (l x w x h)	Base Plate Dims. (l x w)	Silver Powder Coated Steel Tubing	Black Powder Coated Steel Baseplate	13" Pneumatic Mag Type Wheels	Top Instruction Panel/Lift Handle	Black Powder Coated Steel Dashboard	Frame Mounted Nozzle Grommets
80220	45.9"x 26.4" x 23.4"	21.2"x 15.3"	✓	✓	✓	N/A	N/A	✓
80222	43.21"x 29.06" x 24.26"	24"x 17.28"	✓	✓	✓	N/A	N/A	✓
80223	46.4"x 28.7" x 25.6"	26.6"x 17.1"	✓	✓	✓	N/A	N/A	✓

# OUR ENGINES



POWER+  
PERFORMANCE



## SIMPSON® Engines

### Powered By SIMPSON®

- Low oil shutdown
- Dual fuel filters
- Forged and ball bearing supported crankshaft
- Overhead valve
- Cast iron cylinder liner
- Electronic ignition system
- Dual element air filter
- EPA compliant, CARB compliant available

### Engine Displacement

#### SIMPSON® Engines

Part #	Description
100510	208cc 49-State Black Shroud
100511	208cc 50-State Black Shroud
100601	208cc 49-State Red Shroud
100602	208cc 50-State Red Shroud
100562	420cc 50-State Black Shroud
100569	420cc 50-State Black Shroud w/ Electric Start





Manufactured by **FNA Group, Inc.**  
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