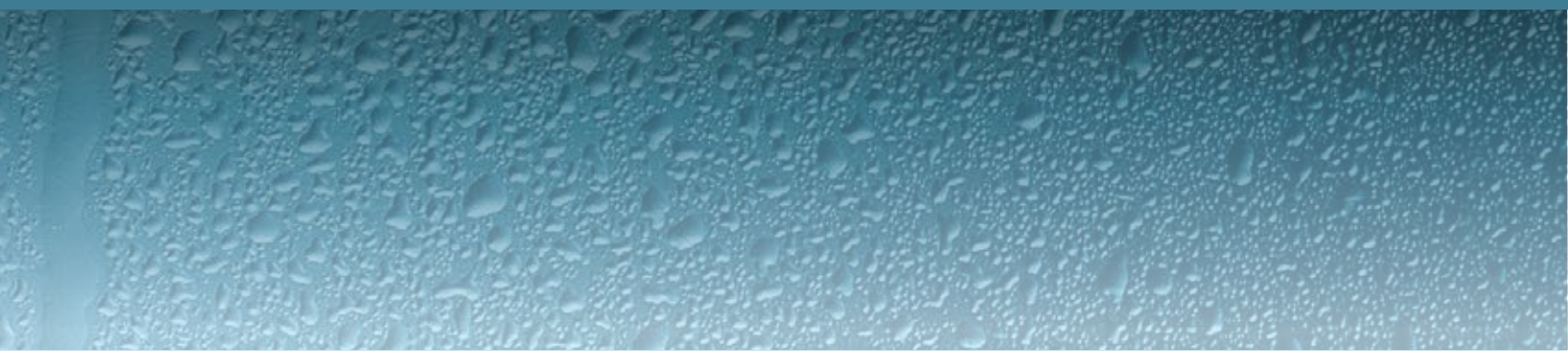


products for the

Pressure Washer Industry





We're committed to you!

Dear Pressure Washer Products User:

Apache Inc is privileged to have you as a customer. You are one of the reasons that we are the industry's premier supplier of pressure washer hoses and hose accessories. Apache takes great pride in stocking the items you need, shipping them to you on-time, and introducing new and innovative products.

We value you as our business partner and look forward to serving you now and in the future.

Tom Pientok
President and COO

www.apache-inc.com



Apache is proud to be a participating distributor in the NAHAD Listed Members Program. As a NAHAD Listed Member, Apache utilizes and follows the association hose assembly guidelines for the Fabrication of Industrial Hose Products and the Fabrication of Hydraulic Hose Products. These hose assembly guidelines offer an important base-line performance measure to ensure safer and higher quality assemblies. Another reason why... Apache is the premier provider of agricultural products to the agricultural market.

ACCESSORIES

20" Stainless Steel Surface Cleaner - Max G.P.M. 8.0	21
20" Surface Cleaner	21
Surface Cleaner - max G.P.M. 4.0	21
6.5" Rotating Brush with Angle Adjustment	22
10" Surface Brush with Nylon Bristles	22
15" Surface Brush with Wand & Adapters	22
Sandblasting Kit with 13' of Hose	22
Gutter Cleaner	23
4 Tip Water Broom	23
Water Broom with 24" Quick Disconnect Wand Extension	23

ADAPTERS

Female Metric x Female Pipe Thread	7
Female Metric x Male Pipe Thread	7
Male Metric x Female Pipe Thread	7
Male Metric x Male Pipe Thread	7
Female Metric x Female Metric	7
Male Metric x Male Metric	8
Socket x Male Metric	8
Plug x Female Metric	8
Plug x Male Metric	8
Socket x Female Metric	8
Socket x Female Pipe Thread	8
Socket x Male Pipe Thread	9
Plug x Female Pipe Thread	9
Plug x Male Pipe Thread	9
Pipe Thread Adapters	9
Pipe Thread x Bayonet - Adapter Set	9
3000# High Pressure Live Swivels	10
Garden Hose Quick Disconnect Adapters	10

GUNS

4000# Professional Duty Gun	3
3000# 36" Rental Duty Gun-Lance	3
4500# Residential Duty Gun	3
5000# Anti-Fatigue Gun	3
2600# Bayonet Gun Bulk	4
3000# Replacement Gun	4
3200# Replacement Gun	4
3200# Ergonomic Gun	4
4000# Replacement Gun	4
5000# Hot Water Vented Gun	4

HOSES

Thermoplastic Rubber Pressure Washer Hose	2
Xtreme Flex Blended Pressure Washer Hose	2
Rubber Pressure Washer Hose	2

MISCELLANEOUS

Metal Hose Reels	24
------------------	----

NOZZLES

Turbo Nozzles	18
4000# Turbo Nozzle	18
Hard/Soft Turbo Nozzle with Filter	18
3000# Turbo Nozzle	18
Multi-Function Spray Wand	19
Wand with Turbo Nozzle	19
Variable Nozzles	19
Male Metric Wand with Variable Nozzle	19
Turbo Nozzle Filter	19
Quick Disconnect Low Pressure Soap/Chemical Tip	20
Quick Disconnect Spray Tips - Individual	20

PUMPS

2700# Horizontal Axial Pump	11
2300# Vertical Pump	11
2500# Triplex Plunger Pump	11
4000# Triplex Plunger Pump	11
2500# Horizontal Triplex Plunger Pump	12
2200# Horizontal Triplex Plunger Pump	12
2600# Horizontal Triplex Plunger Pump	12
4000# Horizontal Triplex Plunger Pump	12
3000# Horizontal Triplex Plunger Pump	13
3700# Horizontal Triplex Plunger Pump	13
4060# Horizontal Triplex Plunger Pump	13
3600# Horizontal Triplex Plunger Pump	13

PUMP MAINTENANCE

Water Filter	14
Inlet Filter & O-ring Set	14
Pump Oil 16oz	14
Pump Defender 4oz	14
Chemical Strainer & Tubing	14
Quick Disconnect - Pressure Gauge	15
Crankcase Oil (Triplex Plunger Pumps) 16oz	15
0-5000# Metric Pressure Gauge	15
Water Strainer	15
Soap/Chemical Injectors (non-adjustable)	16
Soap/Chemical Injectors (adjustable)	16
Upstream Chemical Injector Kit	16
Pressure Relief Valve	16
Thermal Relief Valve	16
Mini-Matic 4B Unloader & Injector	17
Gymatic VR 35 3/B Unloader & Injector	17
Gymatic 3B XW Unloader & Injector	17
2-5/8" Pump Rail Kit	17
1-1/4" Pump Rail Kit	17

WAND

18' 4000# Telescoping Wand	5
22" Quick Disconnect & Soap Tip Dual Lance	5
38" Dual Lance	5
Male Metric Wand with Quick Disconnect Sockets	5
Male Metric Wand	6
Plated Steel Wand (non-insulated)	6
Plated Steel Wand (insulated grip)	6
Adjustable Wand Handle	6



10085590

THERMOPLASTIC RUBBER PRESSURE WASHER HOSE

HOSE ASSEMBLIES

Part Number	Diameter	Length	Coupled	W.P.	Color	Wt. Ea.
10085582	1/4"	25'	Metric - Female x Female, w/Male Metric Adapter	2600	Black	2.45
10085577	1/4"	35'	Metric - Female x Female w/Male Metric Adapter	2600	Black	5.05
10085590	5/16"	25'	Metric - Female x Female w/Male Metric Adapter	3700	Black	3.05
10085591	5/16"	50'	Metric - Female x Female	3700	Black	5.05

Applications: Use as a replacement or extension hose on gas/electric pressure washers. For cold water applications only.

Construction: Fabric reinforced hose.

Male Metric Adapter: Use to connect two female metric ends together.

Features: Scuff and mark resistant construction with bend restrictors for prolonged service life. Hose is 60% lighter than rubber with superior strength and flexibility.

Temp Range: -4°F to 140°F (-20°C to 60°C).

WARNING: Not for steam service.

XTREME FLEX BLENDED PRESSURE WASHER HOSE

Part Number	Diameter	Length	Coupled	W.P.	Color	Wt. Ea.
10085583	1/4"	30'	Metric - Female x Female	3100	Orange	2.35

Applications: Use as a replacement or extension hose on gas/electric pressure washers. For cold water applications only.

Construction: Fabric reinforced hose with uniquely blended polymers for increased flexibility.

Features: Extremely flexible, non-marking, high pressure hose with reduced coil memory.

Temp Range: Up to 140°F (up to 60°C).

WARNING: Not for steam service.

RUBBER PRESSURE WASHER HOSE

3000# - 3/8" HOSE ASSEMBLIES

Part Number	Length	Coupled	Color	Wt. Ea.
98388073	25'	1/4" Male Pipe Thread x 1/4" Male Pipe Swivel	Black	5.4
98388078	35'	1/4" Male Pipe Thread x 1/4" Male Pipe Swivel	Black	7.2
98388075	25'	3/8" Male Pipe Thread x 3/8" Male Pipe Swivel	Black	5.4
98388080	35'	3/8" Male Pipe Thread x 3/8" Male Pipe Swivel	Black	7.2
98388085	50'	3/8" Male Pipe Thread x 3/8" Male Pipe Swivel	Black	11.9
98382305	100'	3/8" Male Pipe Thread x 3/8" Male Pipe Swivel	Black	24.0
98388076	25'	3/8" Male Pipe Thread x 3/8" Male Pipe Swivel	Blue	5.4
98388081	35'	3/8" Male Pipe Thread x 3/8" Male Pipe Swivel	Blue	7.2
98388086	50'	3/8" Male Pipe Thread x 3/8" Male Pipe Swivel	Blue	11.9
98388087	75'	3/8" Male Pipe Thread x 3/8" Male Pipe Swivel	Blue	18.0

Applications: Use as a replacement or extension hose on gas/electric pressure washers rated up to 3000 PSI. Use this hose for hot and cold water applications where heavy-duty, high-pressure cleaning equipment is required.

Construction: High-tensile steel, one wire braid hose with one bend restrictor.

Features: Blue hose is non-marking.

Temp Range: Laboratory tested for normal service from -4°F to 200°F (-20°C to 93°C).

Other lengths and sizes available upon request.

WARNING: Not for steam service.

4000# - 3/8" HOSE ASSEMBLIES

Part Number	Length	Coupled	Color	Wt. Ea.
10085560	25'	3/8" Male Pipe Thread x 3/8" Male Pipe Swivel	Black	7.25
10085563	25'	Metric - Female x Female, w/Male Metric Adapter	Black	7.25
10085564	25'	Quick Disconnect - 3/8" Socket x 3/8" Plug	Black	7.25
10085570	50'	3/8" Male Pipe Thread x 3/8" Male Pipe Swivel	Black	12.9
10085573	50'	Metric - Female x Female, w/Male Metric Adapter	Black	13.65
10085574	50'	Quick Disconnect - 3/8" Socket x 3/8" Plug	Black	13.65

Applications: Use as a replacement or extension hose on gas/electric pressure washers rated up to 4000 PSI. Use this hose for hot and cold water applications where heavy-duty, high-pressure cleaning equipment is required.

Construction: High-tensile steel, two wire braid hose with two bend restrictors.

Male Metric Adapter: Use to connect two female metric ends together.

Temp Range: Laboratory tested for normal service from -4°F to 210°F (-20°C to 98.9°C).

Other lengths and sizes available upon request.

WARNING: Not for steam service.



10085583



98388075



98388076



10085574

4000# PROFESSIONAL DUTY GUN

Part Number	Inlet-Outlet	W.P.	Max Temp.	G.P.M.	Wt. Ea.
99032088-C	3/8" x 1/4" Female Pipe Thread	4000	300°F	10.5	1.4

Features: Designed with an easy pull trigger for reduced hand fatigue while in use.

Applications: Use as a replacement for original gun on pressure washers rated up to 4000 PSI. Gun outlet accepts 1/4" male pipe thread wands or accessories. Trigger lock helps prevent accidental spraying.

Installation: Connect hose to 3/8" female pipe thread gun inlet and thread wand into 1/4" female pipe thread gun outlet.

Note: Additional adapters may be required to complete the connection, depending on your configuration.



3000# 36" RENTAL DUTY GUN-LANCE

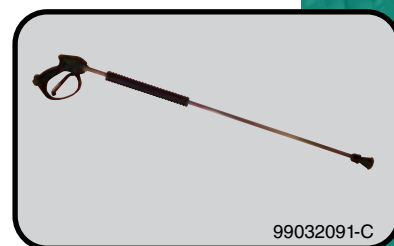
Part Number	Inlet-Outlet	W.P.	Max Temp.	G.P.M.	Wt. Ea.
99032091-C	3/8" Female Pipe Thread x 1/4" QD Skt	3000	140°F	6.6	2.3

Features: Designed especially for cold water pressure washers used in the rental industry.

Applications: Use as a replacement for original gun on pressure washers rated up to 3000 PSI. Gun outlet accepts 1/4" male pipe thread accessories.

Installation: Connect hose to 3/8" female pipe thread gun inlet.

Note: Additional adapters may be required to complete the connection, depending on your configuration.



4500# RESIDENTIAL DUTY GUN

Part Number	Inlet-Outlet	W.P.	Max Temp.	G.P.M.	Wt. Ea.
99023462-C	3/8" x 1/4" Female Pipe Thread	4500	300°F	8.0	1.25

Applications: Use as a replacement for original gun on pressure washers rated up to 4500 PSI. Gun outlet accepts 1/4" male pipe thread wands or accessories. Trigger lock helps prevent accidental spraying.

Installation: Connect hose to 3/8" female pipe thread gun inlet and thread wand into 1/4" female pipe thread gun outlet.

Note: Additional adapters may be required to complete the connection, depending on your configuration.



5000# ANTI-FATIGUE GUN

Part Number	Inlet-Outlet	W.P.	Max Temp.	G.P.M.	Wt. Ea.
99032000-C	3/8" x 1/4" Female Pipe Thread	5000	320°F	10.0	1.2

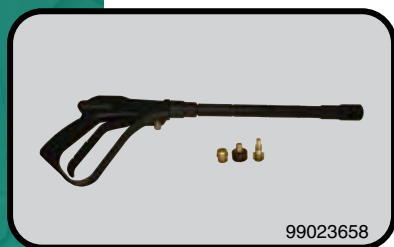
Features: Designed with an easy pull trigger for reduced hand fatigue while in use.

Applications: Use as a replacement for original gun on pressure washers rated up to 5000 PSI. Gun outlet accepts 1/4" male pipe thread wands or accessories. Trigger lock helps prevent accidental spraying.

Installation: Connect hose to 3/8" female pipe thread gun inlet and thread wand into 1/4" female pipe thread gun outlet.

Note: Additional adapters may be required to complete the connection, depending on your configuration.





2600# BAYONET GUN BULK

Part Number	Inlet-Outlet	W.P.	Max Temp.	G.P.M.	Wt. Ea.
99023658	1/4" Male Pipe Thread x Female Bayonet	2600	210°F	7.0	1.35

Applications: Use as a replacement for original gun on gas/electric pressure washers rated up to 2600 PSI. For use with bayonet wands and accessories. Trigger lock helps to prevent accidental spraying.

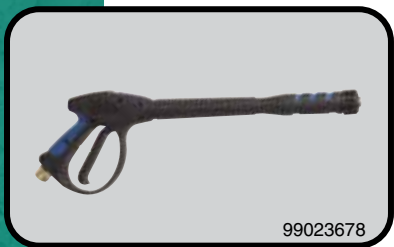
Installation: Connect hose to 1/4" male pipe thread gun inlet.

3000# REPLACEMENT GUN

Part Number	Inlet-Outlet	W.P.	Max Temp.	G.P.M.	Wt. Ea.
99023678	Male Metric x Female Metric	3000	140°F	7.0	2.5

Applications: Use as a replacement for original gun on pressure washers rated up to 3000 PSI. For use with metric wands and accessories. Trigger lock helps to prevent accidental spraying.

Installation: Connect hose to male metric gun inlet. Connect wand to female metric.

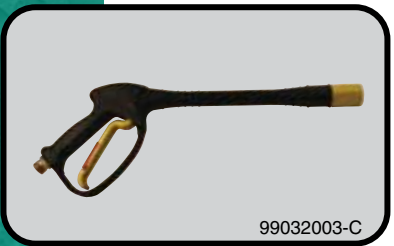


3200# REPLACEMENT GUN

Part Number	Inlet-Outlet	W.P.	Max Temp.	G.P.M.	Wt. Ea.
99032003-C	Male Metric x Female Metric	3200	195°F	6.5	1.5

Applications: Use as a replacement for original gun on pressure washers rated up to 3200 PSI. For use with metric wands and accessories. Trigger lock helps to prevent accidental spraying.

Installation: Connect hose to male metric gun inlet. Connect wand or accessory to female metric outlet.



3700# ERGONOMIC GUN

Part Number	Inlet-Outlet	W.P.	Max Temp.	G.P.M.	Wt. Ea.
99030691-C	3/8" Female Pipe Thread x Female Metric	3700	140°F	7	1.26

Applications: Use as a replacement for original gun on pressure washers rated up to 3700 PSI. For use with metric wands and accessories. Trigger lock helps to prevent accidental spraying.

Installation: Connect hose to 3/8" female pipe thread gun inlet. Connect wand or accessory to female metric outlet.

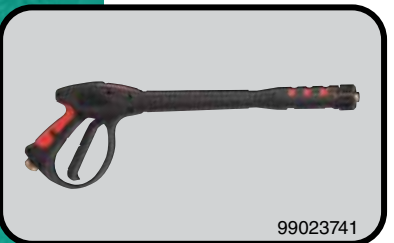


4000# REPLACEMENT GUN

Part Number	Inlet-Outlet	W.P.	Max Temp.	G.P.M.	Wt. Ea.
99023741	3/8" Female Pipe Thread x Female Metric	4000	140°F	7.0	2.5

Applications: Use as a replacement for original gun on pressure washers rated up to 4000 PSI. For use with metric wands and accessories. Trigger lock helps to prevent accidental spraying.

Installation: Connect hose to 3/8" female pipe thread gun inlet. Connect wand or accessory to female metric outlet.



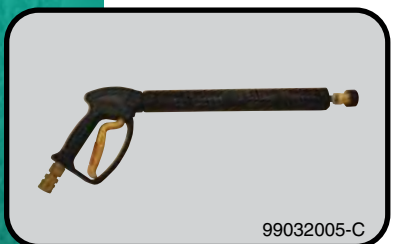
5000# HOT WATER VENTED GUN

Part Number	Inlet-Outlet	W.P.	Max Temp.	G.P.M.	Wt. Ea.
99032005-C	3/8" QD Socket x Female Metric	5000	300°F	10.5	2.75

Features: Professional duty pressure washer gun with vented lance to help cool the gun body during hot water use.

Applications: Use as a replacement for original gun on pressure washers rated up to 5000 PSI. For use with metric wands and accessories. Trigger lock helps to prevent accidental spraying.

Installation: Connect hose to female quick disconnect gun inlet. Connect wand or accessory to female metric outlet.



18' 4000# TELESCOPING WAND

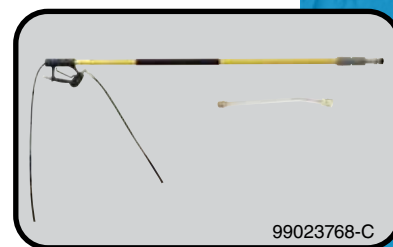
Part Number	Inlet-Outlet	W.P.	Max. Temp.	Wt. Ea.
99023768-C	3/8" QD Plug x 1/4" Female Metric	4000#	140°F	15.0

Applications: For use with hot or cold water pressure washers rated up to 4000 PSI. Eliminates the safety and time issues of using ladders. Wand extends from 6' to 18' for fast, easy access to high and hard to reach places from the ground.

Construction: The main body is fiberglass with two aluminum telescoping extensions. These easily extend or retract and lock at desired length.

Installation: Simply insert any accessory with a male metric fitting into end of wand.

Includes: 15" wand (quick disconnect socket x male metric) used for converting wand outlet to 1/4" quick disconnect socket for accepting spray nozzles and accessories.



99023768-C

22" QUICK DISCONNECT & SOAP TIP DUAL LANCE

Part Number	Inlet	W.P.	Max. Temp.	Wt. Ea.
99032011-C	Male Metric x Soap Tip & 1/4" QD Skt	3600#	210°F	2.25

Applications: Allows high-pressure spray and low-pressure soap/chemical application without stopping to change tips. Male metric inlet connect directly to gun outlet. Lance handle adjusts spray from high to low pressure.

Features: Pre-installed soap nozzle (low pressure) and 1/4" quick disconnect socket (high pressure) to accept a variety of tips and nozzles for your cleaning application.



99032011-C

38" DUAL LANCE

Part Number	Inlet	W.P.	Max. Temp.	G.P.M.	Wt. Ea.
99023550	1/4" Male Pipe Thread	3600#	210°F	11.0	2.8

Applications: Allows high-pressure spray and low-pressure soap/chemical application without stopping to change tips. 1/4" male pipe thread insulated wand connects directly to the gun outlet. Lance handle adjusts spray pattern from high to low pressure. Wand outlets are 1/4" female pipe thread with nozzle protector.

Note: Use pipe tape on male pipe threads to ensure a leak-free connection. High-pressure stainless steel male pipe thread spray tips not included.



99023550

MALE METRIC WAND w/QUICK DISCONNECT SOCKETS

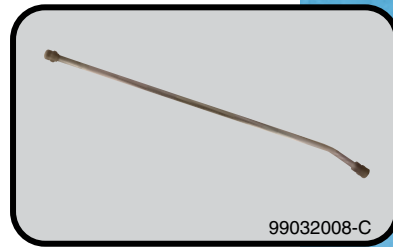
Part Number	Description	W.P.	Max. Temp.	Wt. Ea.
99034000-C	Male Metric x 1/4" Easy-Lock QD Socket - 19"	3600#	210°F	0.9
99023682-C	Male Metric x 1/4" Quick Disconnect Socket - 24"	3600#	210°F	0.9
99032008-C	Male Metric x Quick Disconnect Socket - 28"	3600#	210°F	1.1

Applications: Metric wand fits guns with metric connections. Metric adapters create a quick and easy "tool free" connection to other wands and accessories.

Features: Easy-lock quick disconnect with lock down collar allows for "one-handed" quick disconnect connections (99034000-C). Bent design for better ergonomics while in use (99032008-C).



99034000-C



99032008-C



99023754

MALE METRIC WAND

Part Number	Description	W.P.	Max. Temp.	Wt. Ea.
99023754	Male Metric x 1/4" Male Pipe Thread - 18"	3600#	210°F	0.65
99023681-C	Male Metric x Female Metric - 24"	3600#	210°F	0.75

Applications: Metric wand fits guns with metric connections. Metric adapters create a quick and easy "tool free" construction to other wands and accessories.

PLATED STEEL WAND (NON-INSULATED)

Part Number	Description	W.P.	Max. Temp.	Wt. Ea.
99023541	1/4" Male Pipe Thread - 18"	3600#	210°F	0.60
99023543	1/4" Male Pipe Thread - 24"	3600#	210°F	0.70
99023545	1/4" Male Pipe Thread - 36"	3600#	210°F	1.10
99023548	1/4" Male Pipe Thread - 60"	3600#	210°F	1.80

Applications: Use 1/4" male pipe thread zinc plated wand as a replacement or extension for original wand.

Installation: Wand threads directly into gun outlet. Quick disconnects can be added to create a quick and easy "tool free" connection for wands and accessories.

Note: Use pipe tape on male pipe threads to ensure a leak-free connection.

PLATED STEEL WAND (INSULATED GRIP)

Part Number	Description	W.P.	Max. Temp.	Wt. Ea.
99023464-C	1/4" MPT x 1/4" MPT - 36"	4000#	210°F	1.55
99023347	1/4" MPT x 1/4" MPT - 59"	4000#	210°F	2.00

Applications: Use 1/4" male pipe thread zinc plated wand as a replacement or extension for original wand. Molded grip insulates operator from heat when using hot water, and increases control and comfort when operating a pressure washer for extended periods of time.

Installation: Wand threads directly into gun outlet. Quick disconnects can be added to create a quick and easy "tool free" connection for wands and accessories.

Note: Use pipe tape on male pipe threads to ensure a leak-free connection.

ADJUSTABLE WAND HANDLE

Part Number	Description	Wt. Ea.
99023341-C	Handle Grip	0.2

Applications: For use on all 1/4" wands. Insulated handle increases comfort and control when using a pressure washer for extended periods of time. Fully adjustable handle can easily be positioned for maximum results.

Installation: Place handle over wand and turn insulated grip to tighten.



99023341-C

FEMALE METRIC X FEMALE PIPE THREAD

Part Number	Description	Wt. Ea.
44048715-C	1/4" Female Pipe Thread x Female Metric	0.15
44048720-C	3/8" Female Pipe Thread x Female Metric	0.25

Applications: Converts male pipe thread to a female metric connection. For use on wands, hoses, pumps, etc. Attach/remove this "tool free" adapter quickly using the easy grip nut.

Construction: Plated steel or brass, and plastic.



44048715-C

FEMALE METRIC X MALE PIPE THREAD

Part Number	Description	Wt. Ea.
44048700-C	1/4" Male Pipe Thread x Female Metric	0.20
44048705-C	3/8" Male Pipe Thread x Female Metric	0.20

Applications: Converts male pipe thread to a female metric connection. For use on wands, hoses, pumps, etc. Attach/remove this "tool free" adapter quickly using the easy grip nut.

Construction: Plated steel or brass, and plastic.

Note: Use pipe tape on male pipe threads to ensure a leak-free connection.



44048700-C

MALE METRIC X FEMALE PIPE THREAD

Part Number	Description	Wt. Ea.
44048740-C	1/4" Female Pipe Thread x Male Metric	0.10
44048745-C	3/8" Female Pipe Thread x Male Metric	0.10

Applications: Converts male pipe thread to a male metric connection. For use on pumps, injectors, hoses, etc. Hex nut makes installation easy.

Construction: Plated steel or brass.



44048745-C

MALE METRIC X MALE PIPE THREAD

Part Number	Description	Wt. Ea.
44048725-C	1/4" Male Pipe Thread x Male Metric	0.10
44048730-C	3/8" Male Pipe Thread x Male Metric	0.10

Applications: Converts male pipe thread to a male metric connection. For use on pumps, injectors, hoses, etc. Hex nut makes installation easy.

Construction: Plated steel or brass.

Notes: Use pipe tape on male pipe threads to ensure a leak-free connection.



44048730-C

FEMALE METRIC X FEMALE METRIC

Part Number	Description	Wt. Ea.
44048710-C	Female Metric x Female Metric	0.30

Applications: Used to connect or adapt any components with male metric connections. Attach or remove this "tool free" adapter quickly using the easy grip nut.

Construction: Plated steel or brass, and plastic.



44048710-C



44048712-C



44048749-C



44048754-C



99030671-C



99030672-C



44048690-C

MALE METRIC X MALE METRIC

Part Number	Description	Wt. Ea.
44048712-C	Male Metric x Male Metric	0.10

Applications: Connects or adapts female metric ends on guns, hoses, wands, accessories, etc.
Construction: Plated steel or brass.

SOCKET X MALE METRIC

Part Number	Description	Wt. Ea.
44048749-C	3/8" Quick Disconnect Socket x Male Metric	0.20

Applications: Converts female metric connections to quick disconnect socket for quick, easy connection of guns, hoses, and accessories. Requires a quick disconnect plug to complete connection.
Construction: Plated steel or brass.

PLUG X FEMALE METRIC

Part Number	Description	Wt. Ea.
44048754-C	3/8" Quick Disconnect Plug x Female Metric	0.20

Applications: Converts male metric connections to a quick disconnect plug for quick, easy connection of guns, hoses, and accessories. Requires a quick disconnect socket to complete connection.
Construction: Plated steel or brass, and plastic.

PLUG X MALE METRIC

Part Number	Description	Wt. Ea.
99030671-C	3/8" Quick Disconnect Plug x Male Metric	0.10

Applications: Converts female metric connections to a quick disconnect plug for quick, easy connection of guns, hoses, and accessories. Requires a quick disconnect socket to complete connection.
Construction: Plated steel.

SOCKET X FEMALE METRIC

Part Number	Description	Wt. Ea.
99030672-C	3/8" Quick Disconnect Socket x Female Metric	0.35

Applications: Converts male metric connections to a quick disconnect socket for quick, easy connection to guns, hoses, and accessories. Requires a quick disconnect plug to complete connection.
Construction: Plated steel or brass, and plastic.

SOCKET X FEMALE PIPE THREAD

Part Number	Description	Wt. Ea.
44048690-C	1/4" Quick Disconnect Socket x 1/4" Female Pipe Thread	0.20
44048694-C	3/8" Quick Disconnect Socket x 3/8" Female Pipe Thread	0.25

Applications: Converts male pipe thread to a quick disconnect socket for the quick, easy connection of guns, wands, and accessories. Requires a quick disconnect plug to complete the connection.

Construction: Plated steel or brass.

Installation: Thread socket directly onto wand/gun/accessory and attach to the quick disconnect plug for a quick, easy connection to various tips, nozzles, brushes, etc.

Note: Use pipe tape on male pipe threads to ensure a leak-free connection.

SOCKET X MALE PIPE THREAD

Part Number	Description	Wt. Ea.
44048688-C	1/4" Quick Disconnect Socket x 1/4" Male Pipe Thread	0.20
44048692-C	3/8" Quick Disconnect Socket x 3/8" Male Pipe Thread	0.25

Applications: Converts female pipe thread to a quick disconnect socket for quick, easy connection of guns, wands, and accessories. Requires a quick disconnect plug to complete the connection.

Construction: Plated steel or brass.

Installation: Thread socket directly onto wand/gun/accessory and attach to the quick disconnect plug for the quick, easy connection of various tips, nozzles, brushes, etc.

Note: Use pipe tape on male pipe threads to ensure a leak-free connection.



44048688-C

PLUG X FEMALE PIPE THREAD

Part Number	Description	Wt. Ea.
44048680-C	1/4" Quick Disconnect Plug x 1/4" Female Pipe Thread	0.10
44048684-C	3/8" Quick Disconnect Plug x 3/8" Female Pipe Thread	0.10

Applications: Converts male pipe thread to a quick disconnect plug for the quick, easy connection of hose and accessories. Requires a quick disconnect socket to complete the connection.

Construction: Plated steel.

Installation: Thread plug directly onto hose or accessory.

Note: Use pipe tape on male pipe threads to ensure a leak-free connection.



44048680-C

PLUG X MALE PIPE THREAD

Part Number	Description	Wt. Ea.
44048682-C	1/4" Quick Disconnect Plug x 1/4" Male Pipe Thread	0.10
44048686-C	3/8" Quick Disconnect Plug x 3/8" Male Pipe Thread	0.10

Applications: Converts female pipe thread to a quick disconnect plug for the quick, easy connection of guns, hoses, machinery, and accessories. Requires a quick disconnect socket to complete the connection.

Construction: Plated steel.

Installation: Thread plug into female pipe thread connection on guns, hoses, nozzles, brushes, and accessories.

Note: Use pipe tape on male pipe threads to ensure a leak-free connection.



44048682-C

PIPE THREAD ADAPTERS

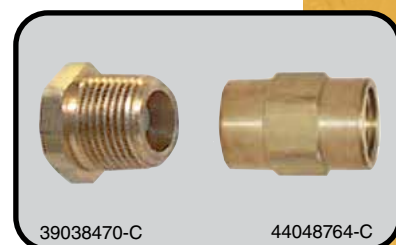
Part Number	Description	Wt. Ea.
39038470-C	1/4" Female Pipe Thread x 3/8" Male Pipe Thread	0.05
44048764-C	1/4" Female Pipe Thread x 1/4" Female Pipe Thread	0.05

Applications: Adapts pipe thread connections to pipe thread connections.

Construction: Plated steel or brass.

Installation: Thread adapter onto pipe thread connection. Connect remaining end of adapter to the second pipe thread connection.

Note: Use pipe tape on male pipe threads to ensure a leak-free connection.



39038470-C

44048764-C

PIPE THREAD X BAYONET - ADAPTER SET

Part Number	Description	Wt. Ea.
99023752-C	Adapter Set	0.75

Applications: Adapters thread onto 1/4" male pipe thread wand for a quick, easy connection to your model of pressure washer gun.

Construction: Brass.

Kit Includes: Karcher™, Lavor™, Campbell Hausfeld™, Husky™/FAIP™, and metric adapters.

Installation: Choose the correct adapter to work with your gun and thread adapter onto 1/4" male pipe thread of wand. Wand will now attach to pressure washer gun.

Note: Use pipe tape on male pipe threads to ensure a leak-free connection.



99023752-C



44048785

3000# HIGH PRESSURE LIVE SWIVELS

Part Number	Description	Wt. Ea.
44048760	1/4" Male Pipe Thread x 1/4" Female Pipe Thread	0.25
44048762	3/8" Male Pipe Thread x 3/8" Female Pipe Thread	0.25
44048758	3/8" Female Pipe Thread x 3/8" Female Pipe Thread	0.40

Applications: Creates a swivel connection between a male x female or male x male pipe thread solid connection. Swivels when under pressure and is rated to 3000 PSI. Swivel eliminates hoses from becoming twisted or tangled.

Installation: Insert live swivel between hose, gun, or machinery and tighten hex nut with a wrench.

Note: Use pipe tape on male pipe threads to ensure a leak-free connection.



44048664-C

GARDEN HOSE QUICK DISCONNECT ADAPTERS

Part Number	Description	Wt. Ea.
44048664	Socket & Plug Set - Brass	0.25

Applications: 200 PSI garden hose adapters eliminate threaded hook-up. Adapters create a quick and easy "tool-free" connection to 3/4" garden hose threaded attachments. Easy to install/operate with full-flow water design.

Installation: Adapters simply thread onto nozzle, garden hose, or into machinery and accessories.

Adapters: 3/4" female garden hose thread x 1/2" female socket (with a recessed washer for a no leak fit) and a 3/4" male garden hose thread x 1/2" male plug.

Note: Make sure gaskets are in place on hoses and accessories to ensure a leak-free connection.

2700# HORIZONTAL AXIAL PUMP

Part Number	Description	Max PSI	Max G.P.M.	Wt. Ea.
99023597-C	Pump	up to 2700#	up to 2.5	8.55

Applications: Replaces original gas engine driven pressure washer pump. Pump is designed for high-pressure washing applications.

Installation: Box includes complete instructions. Pump will work on horizontal engines with 3/4" shafts.

Pump Connections/Specifications

Inlet: Female garden hose thread

Outlet: Male metric

RPM: 3400

Shaft ID: 3/4" Diameter - hollow

Note: Key (stock = 3/16") is not included with pump



99023597-C

2300# VERTICAL PUMP

Part Number	Description	Max PSI	Max G.P.M.	Wt. Ea.
99023589	Pump	up to 2300#	up to 2.0	9.12

Applications: Replaces original gas engine driven pressure washer pump. Pump is designed for industrial high-pressure washing applications.

Installation: Box includes complete instructions. Pump will work on vertical engines with 7/8" shafts.

Pump Connections/Specifications

Inlet: Female garden hose thread

Outlet: Male metric

RPM: 3400

Shaft ID: 7/8" Diameter - hollow

Note: Key stock is not included with pump



99023589

2500# TRIPLEX PLUNGER PUMP

Part Number	Description	Max PSI	Max G.P.M.	Wt. Ea.
99032050-C	Pump	up to 2500#	up to 3.0	14

Applications: Replaces original gas engine driven pressure washer pump. Pump is designed for industrial high-pressure washing applications.

Installation: Box includes complete instructions. Pump will work on horizontal engines with 3/4" shafts.

Pump Connections/Specifications

Inlet: 3/8" female pipe thread

Outlet: 3/8" male pipe thread

RPM: 3400

Shaft ID: 3/4" Diameter - hollow

Note: Key stock not included with pump



99032050-C

4000# TRIPLEX PLUNGER PUMP

Part Number	Description	Max PSI	Max G.P.M.	Wt. Ea.
99032053-C	Pump	up to 4000#	up to 4.0	14

Applications: Replaces original gas engine driven pressure washer pump. Pump is designed for industrial high-pressure washing applications.

Installation: Box includes complete instructions. Pump will work on horizontal engines with 1" shafts.

Pump Connections/Specifications

Inlet: 3/8" female pipe thread

Outlet: 3/8" male pipe thread

RPM: 3400

Shaft ID: 1" Diameter - hollow

Note: Key stock not included with pump



99032053-C



99032055-C

2500# HORIZONTAL TRIPLEX PLUNGER PUMP

Part Number	Description	Max PSI	Max G.P.M.	Wt. Ea.
99032055-C	Pump	up to 2500#	up to 3.0	14

Applications: Replaces original gas engine driven pressure washer pump. Pump is designed for industrial high-pressure washing applications.

Installation: Box includes complete instructions.

Pump Connections/Specifications

Inlet: 1/2" female pipe thread

Outlet: 3/8" female pipe thread

RPM: 2500

Shaft ID: 3/4" Diameter - solid

Requires: Unloader valve (99032095-C) and rail kit (99032096-C)

Note: Key stock not included with pump

2200# HORIZONTAL TRIPLEX PLUNGER PUMP

Part Number	Description	Max PSI	Max G.P.M.	Wt. Ea.
99032058-C	Pump	up to 2200#	up to 2.11	15

Applications: Replaces original gas engine driven pressure washer pump. Pump is designed for industrial high-pressure washing applications.

Installation: Box includes complete instructions. Pump will work on horizontal engines with 5/8" shafts.

Pump Connections/Specifications

Inlet: 1/2" female pipe thread

Outlet: 3/8" female pipe thread

RPM: 1750

Shaft ID: 5/8" Diameter - hollow

Requires: Unloader valve (99032095-C)

Note: Key stock not included with pump

2600# HORIZONTAL TRIPLEX PLUNGER PUMP

Part Number	Description	Max PSI	Max G.P.M.	Wt. Ea.
99023591	Pump	up to 2600#	up to 2.5	10.90

Applications: Replaces original gas engine driven pressure washer pump. Pump is designed for industrial high-pressure washing applications.

Installation: Box includes complete instructions. Pump will work on horizontal engines with 3/4" shafts.

Pump Connections/Specifications

Inlet: 1/2" female pipe thread

Outlet: 3/8" female pipe thread

RPM: 3400

Shaft ID: 3/4" Diameter - hollow

Requires: Unloader valve (99032095-C)

Note: Key (stock = 3/16") is not included with pump

4000# HORIZONTAL TRIPLEX PLUNGER PUMP

Part Number	Description	Max PSI	Max G.P.M.	Wt. Ea.
99032061-C	Pump	up to 4000#	up to 3.96	20

Applications: Replaces original gas engine driven pressure washer pump. Pump is designed for industrial high-pressure washing applications.

Installation: Box includes complete instructions.

Pump Connections/Specifications

Inlet: 1/2" female pipe thread

Outlet: 3/8" female pipe thread

RPM: 3400

Shaft ID: 24mm Diameter - solid

Requires: Unloader valve (99032097-C) and rail kit (99032096-C)

Note: Key stock is not included with pump



99032061-C

3000# HORIZONTAL TRIPLEX PLUNGER PUMP

Part Number	Description	Max PSI	Max G.P.M.	Wt. Ea.
99032064-C	Pump	up to 3000#	up to 4.0	21

Applications: Replaces original gas engine driven pressure washer pump. Pump is designed for industrial high-pressure washing applications.

Installation: Box includes complete instructions. Pump will work on horizontal engines with 1-1/8" shafts.

Pump Connections/Specifications

Inlet: 1/2" female pipe thread

Outlet: 3/8" female pipe thread

RPM: 1750

Shaft ID: 1-1/8" Diameter - hollow

Requires: Unloader valve (99032097-C)

Note: Key stock not included with pump



99032064-C

3700# HORIZONTAL TRIPLEX PLUNGER PUMP

Part Number	Description	Max PSI	Max G.P.M.	Wt. Ea.
99032067-C	Pump	up to 3700#	up to 4.0	21

Applications: Replaces original gas engine driven pressure washer pump. Pump is designed for industrial high-pressure washing applications.

Installation: Box includes complete instructions. Pump will work on horizontal engines with 1" shafts.

Pump Connections/Specifications

Inlet: 1/2" female pipe thread

Outlet: 3/8" female pipe thread

RPM: 3400

Shaft ID: 1" Diameter - hollow

Requires: Unloader valve (99032097-C)

Note: Key stock not included with pump



99032067-C

4060# HORIZONTAL TRIPLEX PLUNGER PUMP

Part Number	Description	Max PSI	Max G.P.M.	Wt. Ea.
99032070-C	Pump	up to 4060#	up to 5.55	34

Applications: Replaces original gas engine driven pressure washer pump. Pump is designed for industrial high-pressure washing applications.

Installation: Box includes complete instructions.

Pump Connections/Specifications

Inlet: 3/4" female pipe thread

Outlet: 3/8" female pipe thread

RPM: 1450

Shaft ID: 24mm Diameter - solid

Requires: Unloader valve (99032098-C) and rail kit (99032099-C)



99032070-C

3600# HORIZONTAL TRIPLEX PLUNGER PUMP

Part Number	Description	Max PSI	Max G.P.M.	Wt. Ea.
99032073-C	Pump	up to 3600#	up to 7.92	34

Applications: Replaces original gas engine driven pressure washer pump. Pump is designed for industrial high-pressure washing applications.

Installation: Box includes complete instructions.

Pump Connections/Specifications

Inlet: 3/4" female pipe thread

Outlet: 3/8" female pipe thread

RPM: 3600

Shaft ID: 24mm Diameter - solid

Requires: Unloader valve (99032098-C) and rail kit (99032099-C)



99032073-C



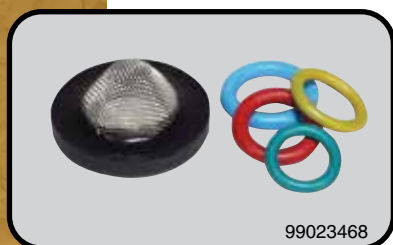
99023667-C

WATER FILTER

Part Number	Description	Wt. Ea.
99023667-C	Water Filter for 3/4" hose fitting	0.9

Applications: Use with standard garden hose connections to filter particles out from entering pump. Fits most gas and electric pressure washers.

Features: Helps extend the life of equipment. Easy cleaning with removable filter.



99023468

INLET FILTER & O-RING SET

Part Number	Description	Wt. Ea.
99023468	10 Pack Set (2 each)	0.10

Applications: Replacement of old and weathered gaskets that have begun to leak.

Assemblies: Water filter fits in place of normal gasket on inlet side of pump/water connection. Place O-rings in grooves inside metric adapters or quick disconnects.

Male Metric Adapter: Two each of the following: inlet water filter 50/60 mesh, yellow 14mm O-ring, blue 3/8" quick disconnect O-ring, and green 1/4" quick disconnect O-ring.



98023468-C

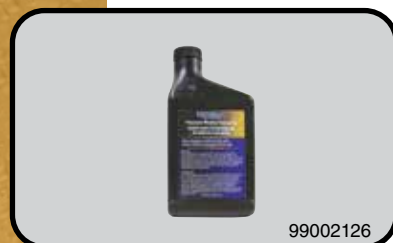
CHEMICAL STRAINER & TUBING

Part Number	Description	Wt. Ea.
98023468	Strainer with 4' of 1/4" I.D. Tubing	0.25

Applications: Use for replacement of factory hose/strainer or on new applications. Chemical resistant poly strainer reduces injector clogging.

Kit Includes: Strainer and 4' of 1/4" ID clear vinyl tubing.

Installation: Push open end of tube over injector hose barb and put strainer into soap/chemical container.



99002126

PUMP OIL 16oz.

Part Number	Description	Wt. Ea.
99002126	Non-Detergent 30W Oil (ISO 100) 16 fl oz. (475 ml)	0.90

Features: A multi-purpose pump lubricant designed to keep your pressure washer pump operating at peak performance during its' high pressure, high RPM operation. Specially formulated to resist foaming and aeration, to protect against rust and oxidation, and to prevent the formation of sludge and varnish within the pump. To maximize the life of your pressure washer pump, consult your pressure washer owner's manual on when and how to change your pressure pump oil.

Warning: Avoid prolonged or repeated skin contact with used fluid. Thoroughly wash exposed areas with soap and water. This product is not for use with internal combustion engines. Consult your pressure washer owner's manual before changing pump oil. KEEP OUT OF REACH OF CHILDREN. DON'T POLLUTE. CONSERVE RESOURCES. RETURN USED FLUID TO COLLECTION CENTER. PLEASE RECYCLE CONTAINER.



99002125

PUMP DEFENDER 4oz.

Part Number	Description	Wt. Ea.
99002125	Pressure Washer Pump Protector and Winterizer 4oz (113.4 grams)	0.45

Features: Provides longer pump life by removing and preventing mineral deposit build up, lubricating pistons and seals, preventing freeze damage.

Warning: Contents under pressure. Do not store in an area over 120°F. Keep out of the reach of children. Do not inhale contents as the risks could be fatal. When empty, dispose of can according to local, state, and federal law. Do not burn or puncture during disposal. This product contains propylene glycol, mineral oil, propane, butane.

CRANKCASE OIL (TRIPLEX PLUNGER PUMPS) 16oz.

Part Number	Description	Wt. Ea.
99032076-C	Pump Oil	1.25

Features: AR Pump Oil is specially formulated for high pressure pumps. Contains anti-wear, rust inhibiting, and deoxidizer additives. Factory approved for all AR pumps. AR recommends a first pump oil change after 50 hours of use, every 500 hours there after on most AR triplex pumps.



99032076-C

0-5000# METRIC PRESSURE GAUGE

Part Number	Description	Wt. Ea.
99023690	0-5000 PSI 1-1/2" Face Gauge w/Male Metric x Female Metric Connections	0.96

Applications: For metric outlet pressure washer pumps that do not come with a pressure gauge or chemical injector port.

Installation: Insert between discharge port of pump and pressure washer hose. Female metric screws onto pump outlet and hose threads onto the male metric end of the gauge/injector.

Note: Mount accepts 1/8" male pipe thread threaded gauges. Chemical strainer tubing kit (#98023468) may be attached to the hose barb on the fixed chemical injector.



99023690

QUICK DISCONNECT - PRESSURE GAUGE

Part Number	Inlet-Outlet	Wt. Ea.
99023691	0-5000 PSI 1-1/2" Face Gauge w/Quick Disconnect - Socket x Plug	1.69

Applications: For pressure washer pumps that do not come with a pressure gauge or gauge port on the pump.

Installation: Quick disconnect creates a quick and easy "tool free" way to connect the gauge to the discharge port of pump and the pressure washer hose. Pull back on quick disconnect socket collar to insert or release gauge.

Note: Mount accepts 1/8" male pipe thread threaded gauges. Other adapters may be required to connect hose, coupler, and pump, depending on your configuration.



99023691-C

WATER STRAINER

Part Number	Inlet-Outlet	W.P.	Filter	Max. Temp.	Wt. Ea.
99023501	1/2" Female Pipe Thread x 1/2" Male Pipe Thread	145#	80 mesh	140°F	0.35

Applications: This strainer removes large pump damaging solids from the water supply. Easily clean particulate out of the removable 80 mesh stainless steel screen.

Installation: Strainer fits on inlet side of the pump or water connection.

Note: Make sure a gasket is in place on hose/strainer. Use pipe tape between strainer and pump to ensure a leak-free connection.



99023501



44048775

SOAP/CHEMICAL INJECTORS (NON-ADJUSTABLE)

Part Number	Inlet-Outlet	W.P.	Orifice	H.B.	Wt. Ea.
44048775	3/8" Male Pipe Thread x 3/8" Female Pipe Thread	3600#	1.8	1/4"	0.20
44048776	3/8" Male Pipe Thread x 3/8" Female Pipe Thread	3600#	2.1	1/4"	0.20
44048777	3/8" Male Pipe Thread x 3/8" Female Pipe Thread	3600#	2.4	1/4"	0.20

Applications: Introduces soap/chemical into the system downstream from the pump.

Installation: Injector fits between discharge port of pump and pressure washer hose. Under low pressure, soap/chemical is drawn into water flow. The injector automatically shuts off under high pressure.

Note: Additional adapters may be required, depending on your configuration. Use pipe tape on male pipe threads to ensure a leak-free connection. Siphon rate is approximately 10:1.

SOAP/CHEMICAL INJECTORS (ADJUSTABLE)

Part Number	Inlet-Outlet	W.P.	H.B.	Wt. Ea.
44048770	3/8" Male Pipe Thread x 3/8" Female Pipe Thread	3600#	1/4"	0.30

Applications: Introduces soap/chemical into the system downstream from the pump.

Installation: Injector fits between discharge port of pump and pressure washer hose. Soap ratio is controlled by simply turning the adjustable knob. Under low pressure, soap/chemical is drawn into water flow. The injector automatically shuts off under high pressure.

Note: Additional adapters may be required, depending on your configuration. Use pipe tape on male pipe threads to ensure a leak-free connection. Siphon rate is adjustable from "OFF" to 10:1.



44048770



44048774

UPSTREAM CHEMICAL INJECTOR KIT

Part Number	Inlet-Outlet	W.P.	Max. Temp.	G.P.M.	Wt. Ea.
44048774	3/4" Female Garden Hose Thread x 3/4" Male Garden Hose Thread	140#	160°F	1.5-4.0	0.75

Applications: Introduces soap/chemical into the system upstream from the pump.

Installation: Injector fits between the water supply hose and pump.

WARNING: This injector introduces chemicals before water pump. Caution should be taken when considering which chemicals to use. Since this injector relies on vacuum created by the water pump, the restriction adjustment is important to prevent cavitation. In areas where inlet pressure varies, use the inlet pressure regulator for consistent injector operation. Consult your pressure washer manual on the pump's compatibility with soaps and chemicals.

PRESSURE RELIEF VALVE

Part Number	Inlet-Outlet	W.P.	Max. Temp.	G.P.M.	Wt. Ea.
99030530	1/4" Female Pipe Thread x 1/4" Female Pipe Thread	3600#	200°F	8.0	0.85

Applications: Releases excess pressure from pump, reducing risk of damage to pump head.

Pressure is allowed to build to a pre-determined level, then valve allows pressure to vent.

Installation: Valve screws into pressure side of pump head.



99030530

THERMAL RELIEF VALVE

Part Number	Inlet-Outlet	Max. Temp.	Wt. Ea.
99030532	3/8" Male Pipe Thread	140°F	0.10
99032079-C	1/2" Male Pipe Thread	140°F	0.10
99032082-C	1/4" Male Pipe Thread	140°F	0.10

Applications: Releases bypass water when designated temperature is reached, preventing overheating and possible pump failure. This valve senses a rise in temperature and automatically discharges the hot fluid, then brings cooler fluid into the system.

Installation: Thermal relief valve should be installed on the bypass side.



99030532

MINI-MATIC 4B UNLOADER & INJECTOR

Part Number	Description
99032095-C	AR Mini-Matic 4B Unloader & Injector

Applications: Pressure regulating unloader valve automatically relieves pressure from pump at shut-off. Includes built-in bypass and chemical injectors.

Use with Pumps: 99032055-C, 99032058-C, 99023591



99032095-C

GYMATIC VR 35 3/B UNLOADER & INJECTOR

Part Number	Description
99032097-C	AR Gymatic VR 35 3/B Unloader & Injector

Applications: Pressure regulating unloader valve automatically relieves pressure from pump at shut-off. Includes built-in bypass and chemical injectors.

Use with Pumps: 99032061-C, 99032064-C, 99032067-C



99032097-C

GYMATIC 3B XW UNLOADER & INJECTOR

Part Number	Description
99032098-C	AR Gymatic 3B XW Unloader & Injector

Applications: Pressure regulating unloader valve automatically relieves pressure from pump at shut-off. Includes built-in bypass and chemical injectors.

Use with Pumps: 99032070-C, 99032073-C



99032098-C

2-5/8" PUMP RAIL KIT

Part Number	Description
99032096-C	AR 2-5/8" Pump Rail Kit

Applications: Mounting feet for AR pumps. Designed to stand and stabilize the pump.

Use with Pumps: 99032055-C, 99032061-C



99032096-C

1-1/4" PUMP RAIL KIT

Part Number	Description
99032099-C	AR 1-1/4 Pump Rail Kit

Applications: Mounting feet for AR pumps. Designed to stand and stabilize the pump.

Use with Pumps: 99032070-C, 99032073-C



99032099-C



99023575

TURBO NOZZLES

Part Number	Description	W.P.	Max. Temp.	Orifice	Wt. Ea.
99023575	1/4" Female Pipe Thread	5000#	212°F	4.5	1.6
99023505	1/4" Female Pipe Thread	5000#	212°F	5.0	1.6
99023483	1/4" Female Pipe Thread	5000#	212°F	5.5	1.6
99023489	1/4" Female Pipe Thread	5000#	212°F	6.0	1.6

Applications: Use turbo nozzle to increase the cleaning efficiency (up to 200%) of your pressure washer. This nozzle covers a larger area more quickly than other nozzles, saving cleaning time.

Installation: Nozzle can be threaded directly onto 1/4" male pipe thread wand, or for a quick and easy connection, use a quick disconnect plug.

Note: Using a turbo filter (#99030576-C) is recommended to prolong the service life of the nozzle. Use pipe tape on male pipe threads to ensure a leak-free connection. Other orifice sizes are available.

4000# TURBO NOZZLE



99032013-C

Part Number	Description	W.P.	Max. Temp.	Orifice	Wt. Ea.
99032013-C	1/4" Female Pipe Thread	4000#	212°F	3.5	1.0

Applications: Use turbo nozzle to increase the cleaning efficiency (up to 200%) of your pressure washer. This nozzle covers a larger area more quickly than other nozzles, saving cleaning time.

Installation: Nozzle can be threaded directly onto 1/4" male pipe thread wand, or for a quick and easy connection, use a quick disconnect plug.

Note: Using a turbo filter (#99030576-C) is recommended to prolong the service life of the nozzle. Use pipe tape on male pipe threads to ensure a leak-free connection. Other orifice sizes are available.

HARD/SOFT TURBO NOZZLE w/FILTER



99030688-C

Part Number	Inlet	PSI	Wt. Ea.
99030688-C	1/4" Quick Disconnect Plug	3700#	1.00

Applications: Turbo increases cleaning efficiency up to 200%, and filter extends the service life of the nozzle. Quick disconnects create a quick and easy "tool free" connection for nozzles and accessories.

Features: Push/pull movement to change from a soft spray (for cleaning wood) to high pressure. Easy clean filter; unscrew the quick disconnect plug from the turbo nozzle, then unscrew the filter to remove it for cleaning.

Installation: Requires a 1/4" quick disconnect socket on wand. Simply pull back on the quick disconnect socket collar to insert or release the hard/soft turbo nozzle. Quick disconnect socket also accepts other tips and accessories.

3000# TURBO NOZZLE



99023611-C

Part Number	Inlet	W.P.	Orifice	Wt. Ea.
99023611-C	1/4" Female Pipe Thread	3000#	3.5	0.5

Applications: Turbo increases cleaning efficiency up to 200%.

Installation: Requires a 1/4" male pipe thread wand for connection <or> purchase turbo filter (99030576-C) for converting inlet to 1/4" quick disconnect plug. Filters extend the service life of turbo nozzles.

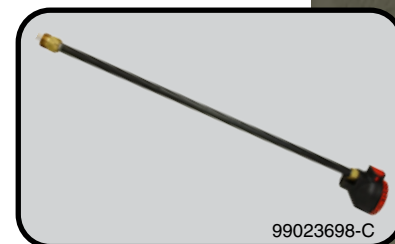
MULTI-FUNCTION SPRAY WAND

Part Number	Description	W.P.	Max. Temp.	Wt. Ea.
99023698-C	Male Metric Wand Inlet	3000#	150°F	0.9

Applications: Connects to most consumer pressure washer units. Use with metric guns.

Features: Easily dial between one of four spray patterns: 0°, 15°, 40° or 65°. Eliminates the need for individual spray tips.

Installation: Male metric on wand threads into female metric on gun. Wand is quickly attached or removed using the "tool free" easy grip nut of the female metric end



99023698-C

WAND w/TURBO NOZZLE

Part Number	Description	W.P.	Max. Temp.	Wt. Ea.
99023516-C	1/4" Male Pipe Thread x 3.0 Turbo - 14"	2400#	140°F	0.85

Applications: Use with metric or bayonet guns. Requires adapter set (99023752-c) for hook-up.

Features: Turbo nozzle combines the power of a 0° stream and a 25° wide angle spray pattern to improve cleaning efficiency up to 200%.

Installation: Thread adapter onto 1/4" male pipe thread end of wand and connect to gun outlet.

Note: Use pipe tape on male pipe threads to ensure a leak-free connection.



99023516-C

VARIABLE NOZZLES

Part Number	Description	W.P.	Max. Temp.	Orifice	Wt. Ea.
99023474-C	1/4" Female Pipe Thread	3000#	176°F	3.5	0.40
99023465-C	1/4" Female Pipe Thread	3000#	176°F	4.0	0.40
99023466-C	1/4" Female Pipe Thread	3000#	176°F	4.5	0.40

Applications: General purpose nozzle for most pressure washer situations.

Features: Push/pull movement changes the spray from low (soap dispensing) to high pressure; turning the nozzle body adjusts the spray pattern from a 0° to 40° fan.

Installation: Nozzle can be threaded directly onto 1/4" male pipe thread wand, or for a quick and easy connection, use a quick disconnect plug.



99023689

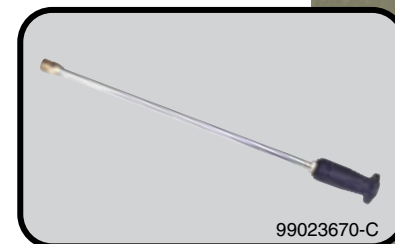
MALE METRIC WAND w/VARIABLE NOZZLE

Part Number	Description	W.P.	Max. Temp.	Wt. Ea.
99023755	Male Metric x 4.0 Variable - 18"	3000#	300°F	1.0
99023670-C	Male Metric x 3.5 Variable - 21"	3000#	300°F	0.8

Applications: Metric wand fits guns with female metric connections. Metric adapters create a quick and easy "tool free" connection to other wands and accessories.

Features: Push/pull movement changes spray from low (soap dispensing) to high pressure; turning nozzle body adjusts spray pattern from 0° to 40° fan.

Installation: Male metric on wand threads into female metric on gun. Wand is quickly attached or removed using the "tool free" easy grip nut of the female metric end.



99023670-C

TURBO NOZZLE FILTER

Part Number	Inlet	PSI	Max. Temp.	G.P.M.	Wt. Ea.
99030576-C	1/4" Quick Disconnect Plug x 1/4" Male Pipe Thread	5000#	325°F	8.0	1.00

Applications: Recommended for use with turbo nozzles. Filter helps to keep debris from damaging or clogging the nozzle, extending service life.

Features: Easy clean filter; unscrew the quick disconnect plug from the turbo nozzle and unscrew the filter to remove it for cleaning.

Installation: Requires a 1/4" quick disconnect socket on wand. Thread filter directly into nozzle and connect to quick disconnect socket on wand.

Note: Use pipe tape on male pipe threads to ensure a leak-free connection.

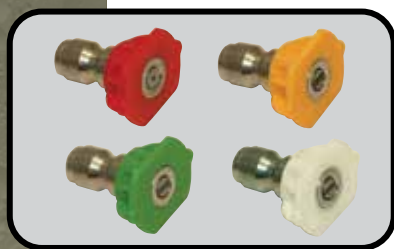


99030576-C

FLOW RATE CHART

PSI	1000	1500	2000	2500	3000	3500	4000	4500	5000
Orifice Size	Gallons Per Minute								
2.0	1.1	1.2	1.4	1.6	1.7	1.9	2.0	2.1	2.2
2.5	1.3	1.5	1.8	2.0	2.2	2.3	2.5	2.7	2.8
3.0	1.5	1.8	2.1	2.4	2.6	2.8	3.0	3.2	3.4
3.5	1.8	2.1	2.5	2.8	3.0	3.3	3.5	3.7	3.9
4.0	2.0	2.4	2.8	3.2	3.5	3.7	4.0	4.2	4.5
4.5	2.3	2.8	3.2	3.6	3.9	4.2	4.5	4.8	5.0
5.0	2.5	3.1	3.5	4.0	4.3	4.7	5.0	5.3	5.6
5.5	2.8	3.4	3.9	4.3	4.8	5.1	5.5	5.8	6.1
6.0	3.0	3.7	4.2	4.7	5.2	5.6	6.0	6.4	6.7
6.5	3.3	4.0	4.6	5.1	5.6	6.1	6.5	6.9	7.3
7.0	3.5	4.3	4.9	5.5	6.1	6.5	7.0	7.4	7.8
7.5	3.8	4.6	5.3	5.9	6.5	7.0	7.5	8.0	8.4
8.0	4.0	4.9	5.7	6.3	6.9	7.5	8.0	8.5	8.9
8.5	4.3	5.2	6.0	6.7	7.4	8.0	8.5	9.0	9.5
9.0	4.5	5.5	6.4	7.1	7.8	8.4	9.0	9.5	10.1
10.0	5.0	6.1	7.1	7.9	8.7	9.4	10.0	10.5	11.2

QUICK DISCONNECT SPRAY TIPS - INDIVIDUAL



Part Number	Description	W.P.	Orifice	Wt. Ea.
99023502	0° Red	5000#	3.0	0.05
99023504	15° Yellow	5000#	3.0	0.05
99023506	25° Green	5000#	3.0	0.05
99023508	40° White	5000#	3.0	0.05
99023490-C	0° Red	5000#	3.5	0.05
99023491-C	15° Yellow	5000#	3.5	0.05
99023492-C	25° Green	5000#	3.5	0.05
99023493-C	40° White	5000#	3.5	0.05
99023495-C	0° Red	5000#	4.0	0.05
99023496-C	15° Yellow	5000#	4.0	0.05
99023497-C	25° Green	5000#	4.0	0.05
99023498-C	40° White	5000#	4.0	0.05

Applications: See Spray Tip Pattern and Use Guide below.

Installation: Simply pull back on socket collar to insert or release the tip; collar moves back into position when connection/disconnect is complete. Tips require a 1/4" quick disconnect socket on wand to complete the connection.

QUICK DISCONNECT LOW PRESSURE SOAP/CHEMICAL TIP



Part Number	Description	Wt. Ea.
99023499-C	Black	0.05

Applications: See Spray Tip Pattern and Use Guide below.

Installation: Simply pull back on socket collar to insert or release the tip; collar moves back into position when connection/disconnect is complete. Tips require a 1/4" quick disconnect socket on wand to complete the connection.

SPRAY TIP PATTERN AND USE GUIDE

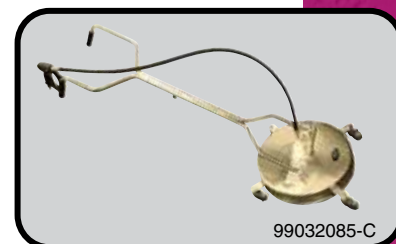
Red Tip	0°	Hard Reach	Use to clean or rinse areas that are high and hard to reach. Clean crevices in sidewalks or driveways.
Yellow Tip	15°	Concrete	Use on concrete, brick, and other hard, porous surfaces with stubborn stains.
Green Tip	25°	Bare Wood	Use on bare wood, siding, fences, and other similar surfaces.
White Tip	40°	Painted Surfaces	Use on painted surfaces or equipment.
Black Tip	65°	Soaping	Use to spray on detergents.

20" STAINLESS STEEL SURFACE CLEANER - MAX G.P.M. 8.0

Part Number	Inlet	W.P.	Wt. Ea.
99032085-C	3/8" Female Pipe Thread	4000	35

Features: Stainless steel body with built-in gun right on the surface cleaner.

Applications: The rotary action cleans large areas such as garage floors, driveways, walks, and other hard surfaces with proper drainage.



99032085-C

20" SURFACE CLEANER - MAX G.P.M. 8.0

Part Number	Inlet	W.P.	Wt. Ea.
99032015-C	3/8" Female Pipe Thread	4000	24

Features: Heavy-duty ABS body with anodized aluminum metal surfaces, and built in gun right on the surface cleaner.

Applications: The rotary action cleans large areas such as garage floors, driveways, walks, and other hard surfaces with proper drainage.



99032015-C

SURFACE CLEANER - MAX G.P.M. 4.0

Part Number	Inlet	W.P.	Wt. Ea.
99023648-C	Male Metric x Female w/24" Wand	3000#	8.0

Applications: The rotary action cleans large areas such as garage floors, driveways, and sidewalks quickly and easily. Cleans up to 200 sq. ft./minute.

Installation: Attach male metric x female metric wand to female metric on gun, then connect female metric to surface cleaner inlet and hand tighten.



99023648-C



6.5" ROTATING BRUSH w/ANGLE ADJUSTMENT

Part Number	Inlet	PSI	Max. Temp.	G.P.M.	Wt. Ea.
99023731	Brush w/Five Adapters	2600#	140°F	3.0	1.02

Applications: Excellent for general purpose cleaning of siding, windows, cars, boats, campers, and RV's. For use with Campbell Hausfeld™, Karcher™, Generac™, FAIP™, Excell™, Black Cat™, Coleman™, Kodiak™, North Star™, Simoniz™, Stinger™, Tilton™, and other units.

Components Included: Brush/wand and one each of the following adapters: Karcher™, Lavor™, Campbell Hausfeld™, Husky™/FAIP™, and metric.

Installation: Thread one of the five adapters onto the brush/wand, hand tighten, then attach the wand to the gun.



10" SURFACE BRUSH w/NYLON BRISTLES

Part Number	Inlet	PSI	Max. Temp.	G.P.M.	Wt. Ea.
99023628	Brush w/14" Wand	5000#	140°F	3.0	1.90

Applications: Excellent for general purpose cleaning of siding, windows, cars, boats, campers, and RV's. For use with pressure washers rated up to 5000 PSI. This chemical resistant brush has nylon bristles that have been flagged for extra softness.

Components Included: Brush, 14" wand (male metric x 1/4" male pipe thread). **Installation:** Thread brush directly onto end of 1/4" wand. Metric adapters create a quick and easy "tool free" connection to brush.

Note: Use pipe tape on male pipe threads to ensure a leak-free connection.



15" SURFACE BRUSH w/WAND & ADAPTERS

Part Number	Inlet	PSI	Max. Temp.	G.P.M.	Wt. Ea.
99023730	Brush w/Wand & Five Adapters	3500#	140°F	3.0	1.68

Applications: Excellent for general purpose cleaning of vehicles, trailers, patio furniture, siding, windows, decks, driveways, sidewalks, boats, and RV's. For use with Campbell Hausfeld™, Karcher™, Generac™, FAIP™, Excell™, Black Cat™, Coleman™, Kodiak™, North Star™, Simoniz™, Stinger™, Tilton™, and other units.

Components Included: Brush, 8" wand, 23" wand, and one each of the following adapters: Karcher™, Lavor™, Campbell Hausfeld™, Husky™/FAIP™, and metric.

Installation: Screw one or both of the wands to the brush. Thread one of the five adapters onto the wand, hand tighten, then attach the wand to the gun.



SANDBLASTING KIT w/13' OF HOSE

Part Number	Inlet	Orifice	W.P.	Wt. Ea.
99023527	1/4" Male Pipe Thread	4.0	3600#	12.15

Features: Adjustable sand volume (up to 750 lbs./hr.). Removes paint, grime, and weathering from brick, concrete, and wood. Kit can also be used to remove paint and rust from steel.

GUTTER CLEANER

Part Number	Inlet	W.P.	Wt. Ea.
99023766	1/4" Quick Disconnect - Plug x Socket w/Spray Tip	3000#	0.65
99023764	Kit 1/4" Quick Disconnect - Plug x Socket w/28" Striaight Wand/29" Bent Wand/Spray Tip	3000#	2.85

Features: Fast, easy way to blast debris from gutters and spouts. Attach to standard or telescoping wands for access to high and hard to reach places from the ground. Solid steel and brass construction with 65° spray tip.

Installation: Simply pull back on quick disconnect socket collar to insert or release tip; collar moves back into position when connection/disconnection is complete.

Note: For 99023766, a 1/4" quick disconnect socket is required on your wand outlet to complete the connection.



99023766



99023764

4 TIP WATER BROOM

Part Number	Description	W.P.	Wt. Ea.
99023860	Broom w/Four Spray Tips	3600#	3.10

Applications: Cleans large areas such as garage floors, driveways, decks and sidewalks.

Installation: Attach 1/4" quick disconnect socket end to the 1/4" quick disconnect plug on broom.



99023860

WATER BROOM w/24" QUICK DISCONNECT WAND EXTENSION

Part Number	Description	W.P.	Wt. Ea.
99023750-C	Broom w/Three Spray Tips	4000#	9.0

Applications: Cleans large areas such as garage floors, driveways, decks and sidewalks.

Installation: Attach male metric wand end to the female metric gun outlet, then connect 1/4" quick disconnect socket end to the 1/4" quick disconnect plug on broom.



99023750-C



METAL HOSE REELS

Part Number	Description	Wt. Ea.
99023586	50' (3/8") 3700 PSI Hose Reel w/Adapter - 3/8" Male Pipe Thread x Male Metric	12.80
99023587-C	100' (3/8") 3700 PSI Hose Reel	16.86

Applications: Convenient way to store hose on pressure washer. Reel fits most carts and includes mounting bracket. For use with either a 3/8" male pipe thread hose or a female metric hose. Not for steam use.

Construction: Solid steel with a durable powder coat paint and full-flow brass swivel outlet.

Installation: Easy to assemble to cart or other surface with versatile mounting brackets. Additional hardware may be required.

Includes: 5' pump to reel connecting hose and mounting brackets.

Inlet/Outlet: 3/8" female pipe thread.

RETAIL DISPLAYS



Ask about our retail ready pressure washer accessories and displays

Standard Terms

1/2% - 10 Days; Net 30 Days

Product Ordering Info

When ordering please specify the Apache part number, quantity, description, and your quoted cost, to ensure the correct items are shipped to you promptly.

Freight

See the current Pressure Washer Catalog price pages for freight terms. Apache reserves the right to specify freight carriers on prepaid shipments.

Warranty

All merchandise manufactured or assembled by Apache is warranted at the time of shipment to be free from defects in material and manufacturing (provided such merchandise is properly installed and used only for the intended purpose and under normal service conditions). Liability with respect to any such merchandise proven defective, is limited to buyer's net purchase price or (at Apache's discretion) to the repair or replacement thereof upon its return to Apache, freight prepaid. In no event shall Apache be liable to supply or pay for labor, downtime, or any loss or damage, either direct, incidental, or consequential. All merchandise supplied by Apache but designed, manufactured and assembled by others shall be accepted by Buyer with only those warranties made by such vendors or manufacturers and in lieu of any additional warranties on the part of Apache. This warranty is expressly made in lieu of any and all other warranties, including the warranty of merchantability and fitness for a particular purpose.

Delivery

Most items are stocked in our Cedar Rapids distribution center.

Return Materials

Any customer seeking to return material(s), for any reason, must first secure permission from an authorized customer service representative. A Return Material(s) Authorization number (RMA) will be issued. This number must appear on the material, packing list, and bill of lading so the Receiving Clerk can verify authorization for return. Absence of an RMA number shall constitute the right to refuse shipment.

DUE TO CONTINUAL PRODUCT IMPROVEMENT, APACHE RESERVES THE RIGHT TO ALTER SPECS AND PRICES WITHOUT PRIOR NOTICE.

For complete terms and conditions of sale criteria please visit our website below:





WWW.APACHE-INC.COM



Scan here to visit
our website

BELT / HOSE / CUT & MOLDED PRODUCTS / ACCESSORIES

CORPORATE OFFICE 4805 Bowling Street SW / Cedar Rapids, IA 52404

INDUSTRIAL SALES 800.553.5455

CONSUMER PRODUCTS 800.459.8423

FAX 319.365.2522

WEBSITE www.apache-inc.com



99002230/AP42/REV061713

