

UNIVERSAL™

Pressure Washer Accessories

SPECIAL ORDER CATALOG

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Key

QD = Quick disconnect MPT = Male pipe thread FPT = Female pipe thread

TM* = Is the mark of their respective owners

All Weights are in Lbs.

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

THERMOPLASTIC RUBBER PRESSURE WASHER HOSE



HOSE ASSEMBLIES

Part#	Diameter	Length	Coupled	W.P.	Color	Weight
10085580	1/4"	25'	Female Metric x 1/4" Female Straight Pipe Thread	2600	Black	2.15
10085582	1/4"	25'	Metric - Female x Female, w/Male Metric Adapter	2600	Black	2.15
10085575	1/4"	35'	Female Metric x 1/4" Female Straight Pipe Thread	2600	Black	3.0
10085577	1/4"	35'	Metric - Female x Female w/Male Metric Adapter	2600	Black	3.0
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	5.2
10085800	3/8"	25'	Metric - Female x Female	4000	Black	5.4
10085801	3/8"	50'	Metric - Female x Female	4000	Black	10.2

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

Assemblies: 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: -40°F to 140°F.

WARNING: Not for steam service.

RUBBER PRESSURE WASHER HOSE



3000# - 3/8" HOSE ASSEMBLIES

Part#	Length	Coupled	Color	Weight
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.

Assemblies: 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 -40°F to 200°F (-40°C to 93°C).

Other lengths and sizes available upon request.

WARNING: Not for steam service.

4000# - 3/8" HOSE ASSEMBLIES

Part#	Length	Coupled	Color	Weight
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	12.9
10085574	50'	Quick Disconnect - 3/8" Socket x 3/8" Plug	Black	12.9

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.

Assemblies: 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 -40°F to 250°F (-40°C to 120°C).

Other lengths and sizes available upon request.

WARNING: Not for steam service.

PRESSURE WASHER ADAPTERS

**FEMALE METRIC x FEMALE PIPE THREAD**

Part#	Description	Weight
44048715	Female Metric x 1/4" Female Pipe Thread	.15
44048720	Female Metric x 3/8" Female Pipe Thread	.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 and brass construction.

**FEMALE METRIC x MALE PIPE THREAD**

Part#	Description	Weight
44048700	Female Metric x 1/4" Male Pipe Thread	.20
44048705	Female Metric x 3/8" Male Pipe Thread	.20

Applications: Converts female pipe thread to a female metric connection for use on machinery and accessories. Attach/remove this "tool free" adapter quickly using the easy grip nut.

Construction: Plated steel and brass construction.

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

**MALE METRIC x FEMALE PIPE THREAD**

Part#	Description	Weight
44048740	Male Metric x 1/4" Female Pipe Thread	.10
44048745	Male Metric x 3/8" Female Pipe Thread	.10

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

Construction: Solid brass construction.

**MALE METRIC x MALE PIPE THREAD**

Part#	Description	Weight
44048725	Male Metric x 1/4" Male Pipe Thread	.10
44048730	Male Metric x 3/8" Male Pipe Thread	.10

Applications: Converts female pipe thread to a male metric connection. For use on guns, machinery, and accessories. Hex nut makes installation easy.

Construction: Solid brass construction.

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

**FEMALE METRIC x FEMALE METRIC**

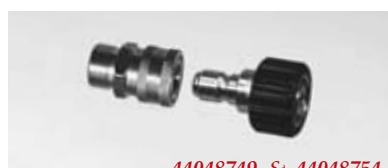
Part#	Description	Weight
44048710	Female Metric x Female Metric	.30

Applications: Adapts metric wands to Karcher™ guns. Also used to connect or adapt any components with male metric connections. Attach/remove this "tool free" adapter quickly using the easy grip nut.

**MALE METRIC x MALE METRIC**

Part#	Description	Weight
44048712-c	Male Metric x Male Metric	.10

Applications: Connects or adapts any female metric ends together (extension hose).

**METRIC x QUICK DISCONNECT SET**

Part#	Description	Weight
44048749	Male Metric x 3/8" Quick Disconnect Socket	.20
44048754	Female Metric x 3/8" Quick Disconnect Plug	.20

Applications: Converts male and female metric connections to 3/8" quick disconnects. Adapters create a thread-free connection between pump and hose or between hose and gun.

**PLUG X MALE METRIC**

Part#	Description	Weight
99030671-c	Plug x Male Metric	.10

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

**SOCKET X FEMALE METRIC**

Part#	Description	Weight
99030672-c	Socket x Female metric	.35

Applications: Converts male metric connections to a QD socket for quick, easy connection to guns, hoses, and accessories. Requires a QD plug to complete connection.

PRESSURE WASHER ADAPTERS



44048690-c

SOCKET x FEMALE PIPE THREAD – BRASS

Part#	Description	Weight
44048690-c	1/4" Socket x 1/4" Female Pipe Thread	.20
44048694-c	3/8" Socket x 3/8" Female Pipe Thread	.25

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

Installation: Thread socket directly onto wand/gun/accessory and attach to the QD 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.



44048688-c

SOCKET x MALE PIPE THREAD – BRASS

Part#	Description	Weight
44048688-c	1/4" Socket x 1/4" Male Pipe Thread	.20
44048692-c	3/8" Socket x 3/8" Male Pipe Thread	.25

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

Installation: Thread socket directly onto wand/gun/accessory and attach to the QD 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.



44048680-c

PLUG x FEMALE PIPE THREAD

Part#	Description	Weight
44048680-c	1/4" Plug x 1/4" Female Pipe Thread	.10
44048684-c	3/8" Plug x 3/8" Female Pipe Thread	.10

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

Installation: Thread plug directly onto hose or accessory.

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



44048682-c

PLUG x MALE PIPE THREAD

Part#	Description	Weight
44048682-c	1/4" Plug x 1/4" Male Pipe Thread	.10
44048686-c	3/8" Plug x 3/8" Male Pipe Thread	.10

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

Installation: Thread plug into FPT connection on guns, hoses, nozzles, brushes, and accessories.

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

PIPE THREAD ADAPTERS



44048470-c

44048764-c

PIPE THREAD ADAPTERS

Part#	Description	Weight
39038470-c	1/4" Female Pipe Thread x 3/8" Male Pipe Thread	.05
44048764-c	1/4" Female Pipe Thread x 1/4" Female Pipe Thread	.05



99023752-c

WAND ADAPTER SET – BRASS

Part#	Description	Weight
99023752-c	Adapter Set	.75

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

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.

3000# HIGH PRESSURE LIVE SWIVELS



44048758

Part#	Description	Weight
44048760	1/4" Male Pipe Thread x 1/4" Female Pipe Thread	.25
44048762	3/8" Male Pipe Thread x 3/8" Female Pipe Thread	.25
44048758	3/8" Female Pipe Thread x 3/8" Female Pipe Thread	.40

Applications: Creates a swivel connection between a male x female or male x male pipe thread solid connection. Swivels 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.

GUNS



99030656

2000 PSI FRONT ENTRY GUN

Part#	Inlet-Outlet	W.P.	Max-Temp.	G.P.M.	Weight
99030656	1/4" Male Pipe Thread x 1/4" Female Pipe Thread	2000#	180°F	5.0	1.0

Applications: Use as a replacement for original gun on gas/electric pressure washers rated up to 2000 PSI. Gun outlet accepts 1/4" MPT wands or attachments. Trigger lock helps to prevent accidental spraying.

Installation: Connect hose to 1/4" MPT gun inlet and thread wand into 1/4" FPT gun outlet.

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



99023462-c

4500 PSI "NO WEEP" GUN

Part#	Inlet-Outlet	W.P.	Max-Temp.	G.P.M.	Weight
99023462-c	3/8" x 1/4" Female Pipe Thread	4500#	300°F	8.0	1.25
99023692	3/8" x 1/4" Female Pipe Thread w/Adapters	4500#	300°F	8.0	1.65

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

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

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



99023658

BAYONET GUN

Part#	Inlet-Outlet	W.P.	Max-Temp.	G.P.M.	Weight
99023658	1/4" Male Pipe Thread x Female Bayonet	2200#	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" MPT gun inlet.



99023678

3000# METRIC GUN

Part#	Inlet-Outlet	W.P.	Max-Temp.	G.P.M.	Weight
99023678	Male Metric x Female Metric	3000#	300°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.



99023678

4000# METRIC GUN

Part#	Inlet-Outlet	W.P.	Max-Temp.	G.P.M.	Weight
99023741	3/8" Female Pipe Thread x Female Metric	4000#	300°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" FPT gun inlet.



99023741

2600# METRIC HOSE, GUN, WAND & VARIABLE NOZZLE KIT

Part#	Description	W.P.	Max-Temp.	G.P.M.	Weight
99023677	2600 PSI Kit	2600#	140°F	7.0	4.72

KIT INCLUDES

Gun: Male Metric x Female Metric, w/trigger lock.

Hose: 2600 PSI - 1/4" x 25', female metric x female metric.

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

Metric Wand: Male metric x 4.0 variable nozzle (0-80°) with a soap function.

Applications: Complete hose, gun, wand, and nozzle kit for gas/electric units rated up to 2600 PSI.

Installation: Connect hose to metric pump outlet and gun inlet. Wand (with nozzle) threads into gun outlet. Metric adapters create a quick and easy "tool free" connection for accessories.

Kit Fits: Campbell Hausfeld™, Karcher™, Generac™, FAIP™, Excell™, Black Cat™, Coleman™, Kodiak™, North Star™, Simoniz™, Stinger™, Tilton™, and other units with a metric pump outlet.



99023677

3700# METRIC HOSE, GUN, WAND & SPRAY TIP KIT

Part#	Description	W.P.	Max-Temp.	G.P.M.	Weight
99023676	3700 PSI Kit	3700#	140°F	7.0	6.4

KIT INCLUDES

Gun: Male metric x female metric, w/trigger lock.

Hose: 3700 PSI - 1/4" x 25', female metric x female metric.

Metric Wand: Male metric x quick disconnect socket.

Adapters: Metric - male x male, a male metric x 3/8" quick disconnect socket, and a female metric x 3/8" quick disconnect plug. Adapters create a quick and easy "tool free" connection for accessories.

Spray Tips: One each of the following "color coded" 1/4" quick disconnect spray tips: 0° (red), 15° (yellow), 25° (green), 40° (white), and one brass 65° (black) low pressure soap/chemical tip.

Applications: Complete hose/gun/wand/spray tip kit for gas/electric units rated up to 3700 PSI.

Kit Fits: Campbell Hausfeld™, Karcher™, Generac™, FAIP™, Excell™, Black Cat™, Coleman™, Kodiak™, North Star™, Simoniz™, Stinger™, Tilton™, and units with QD or metric pump outlets.

WANDS



MALE METRIC WAND W/QD SOCKETS

Part#	Description	Weight
99034000-c	Male Metric x 1/4" Easy-Lock QD Socket - 19"	.90
99023682-c	Male Metric x 1/4" Quick Disconnect Socket - 19"	.90

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 QD with lock down collar allows for "one-handed" QD connections (99034000-c).



MALE METRIC WAND w/VARIABLE NOZZLE

Part#	Description	W.P.	Temp.	Weight
99023755	Male Metric x 4.0 Variable - 18"	3000#	300°F	1.00
99023670-c	Male Metric x 3.5 Variable - 21"	3000#	300°F	.80

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 80° 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.



WAND w/VARIABLE NOZZLE

Part#	Description	W.P.	Temp.	G.P.M.	Weight
99023748-c	1/4" Male Pipe Thread x 3.0 Variable - 14"	3000#	300°F	1.5 to 3.0	1.05

Applications: Use with metric or bayonet guns. Requires adapter set (99023752-c, pg. 5) for hook-up.

Features: Push/pull movement changes spray from low (soap dispensing) to high pressure; turning nozzle body adjusts the spray pattern from 0° to 80° fan.

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.



WAND w/TURBO NOZZLE

Part#	Description	W.P.	Temp.	Weight
99023516-c	1/4" Male Pipe Thread x 3.0 Turbo - 14"	2400#	140°F	.85

Applications: Use with metric or bayonet guns. Requires adapter set (99023752-c, pg. 5) 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.



MALE METRIC WAND

Part#	Description	Weight
99023754	Male Metric x 1/4" Male Pipe Thread - 18"	.65
99023681-c	Female Metric x Male Metric - 24"	.75

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



WANDS



99023517-c

WAND w/“HI-LO” TURBO NOZZLE

Part#	Description	W.P.	Temp.	G.P.M.	Weight
99023517-c	1/4" Male Pipe Thread x 3.0 Hi/Lo Turbo - 14"	2400#	140°F	3.0	1.35

Applications: For use with metric or bayonet guns. Requires adapter set (99023752-c, pg. 5) for hook up.

Features: Hi-Lo turbo nozzle combines the power of a 0° stream and a 25° wide angle spray pattern to improve cleaning efficiency up to 200%. Hi/Lo pressure feature eliminates changing to a low-pressure nozzle for soap and chemical application.

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

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



99023541/43

PLATED STEEL WAND (NON-INSULATED)

Part#	Description	W.P.	Weight
99023541	1/4" Male Pipe Thread x 1/4" Male Pipe Thread - 18"	3600#	.60
99023543	1/4" Male Pipe Thread x 1/4" Male Pipe Thread - 24"	3600#	.70
99023545	1/4" Male Pipe Thread x 1/4" Male Pipe Thread - 36"	3600#	1.10
99023548	1/4" Male Pipe Thread x 1/4" Male Pipe Thread - 60"	3600#	1.80

Applications: Use 1/4" MPT 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.



99023464-c

PLATED STEEL WAND (INSULATED GRIP)

Part#	Description	W.P.	Weight
99023464-c	1/4" Male Pipe Thread x 1/4" Male Pipe Thread - 36"	3600#	1.55
99023347	1/4" Male Pipe Thread x 1/4" Male Pipe Thread - 59"	3600#	2.00

Applications: Use 1/4" MPT 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.



99023550

PLATED STEEL DUAL WAND

Part#	Inlet	W.P.	Temp.	G.P.M.	Weight
99023550	1/4" Male Pipe Thread	3600#	300°F	11.0	2.8

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



99023679-c

UNDERBODY BENT WAND (INSULATED)

Part#	Description	Weight
99023679-c	Male Metric x 1/4" Quick Disconnect Socket - 30"	1.5

Applications: Bent wand allows access to hard to reach areas below vehicles or overhead. Helps eliminate bending down or climbing on ladders to access hard to reach places.

Installation: Male metric on wand threads into female metric on gun. Quick disconnects can be added to create a quick and easy "tool free" connection for wands and accessories.



99023341-c

ADJUSTABLE WAND HANDLE

Part#	Description	Weight
99023341-c	Handle Grip	.20

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.

NOZZLES



VARIABLE NOZZLES

Part#	Inlet	W.P.	Temp.	Orifice	Weight
99023474	1/4" Female Pipe Thread	3000#	176°F	3.5	.40
99023465-c	1/4" Female Pipe Thread	3000#	176°F	4.0	.40
99023466	1/4" Female Pipe Thread	3000#	176°F	4.5	.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 80° fan.

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



TURBO NOZZLES

Part#	Inlet	W.P.	Temp.	Orifice	Weight
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 and costs.

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

Note: Using a turbo filter (#99030576-c, pg.9) 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.



3000# TURBO NOZZLE

Part#	W.P.	Orifice	Weight
99023610-c	3000#	3.5	.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, pg. 9) for converting connection to 1/4" QD plug. Filters extend the service life of turbo nozzles.



HARD/SOFT TURBO NOZZLE W/FILTER

Part#	Inlet	P.S.I.	Weight
99030688-c	1/4" Quick Disconnect Plug x 4.0 Turbo	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 changes spray from a soft spray (for cleaning wood) to high pressure. Easy clean filter; unscrew the QD plug from the turbo nozzle, then unscrew the filter to remove it for cleaning.

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

TURBO FILTER



TURBO FILTER

Part#	Inlet	P.S.I.	Temp.	G.P.M.	Weight
99030576-c	1/4" Quick Disconnect Plug x 1/4" Male Pipe Thread	5000#	325°F	8.0	.25

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 QD plug from the turbo nozzle and unscrew the filter to remove it for cleaning.

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

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

QUICK DISCONNECT SPRAY TIPS



99023696

QD SPRAY TIPS (5 PACK)

Part#	Description	W.P.	Orifice	Weight
99023778	5 Color Coded Tips Stainless Steel	5000#	3.5	.24
99023779	5 Color Coded Tips Stainless Steel	5000#	4.0	.24

Applications: These tips improve the cleaning efficiency of your pressure washer.

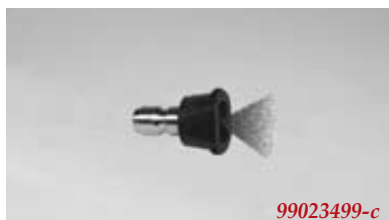
Kit Includes: One each of the following "Color Coded" 1/4" quick disconnect spray tips: 0° (red), 15° (yellow), 25° (green), 40° (white), and one brass 65° (black) low pressure soap/chemical tip.

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

Safety Tip: Turn off pressure washer and water supply, then depressurize unit. When changing spray tips, make sure tip is firmly seated before restarting the pressure washer.

QUICK DISCONNECT SPRAY TIPS – INDIVIDUAL

Part#	Description	W.P.	Orifice	Weight
99023490-c	0° Red Stainless Steel	5000#	3.5	.05
99023491-c	15° Yellow Stainless Steel	5000#	3.5	.05
99023492-c	25° Green Stainless Steel	5000#	3.5	.05
99023493-c	40° White Stainless Steel	5000#	3.5	.05
99023495-c	0° Red Stainless Steel	5000#	4.0	.05
99023496-c	15° Yellow Stainless Steel	5000#	4.0	.05
99023497-c	25° Green Stainless Steel	5000#	4.0	.05
99023498-c	40° White Stainless Steel	5000#	4.0	.05



99023499-c

QUICK DISCONNECT LOW PRESSURE SOAP/CHEMICAL TIP

Part#	Description	Weight
99023499-c	65° Black	.05

Applications: Low pressure 65° (black) tip is for the application of soap/chemical.

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" QD 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°	Painted Surfaces	Use on painted surfaces, wood, siding, fences, lawn mowers, and other softer surfaces.
White Tip	40°	Windows/Screens	Use on windows and screens.
Black Tip	65°	Soaping	Use to spray on detergents.

BRUSHES



99023626

6.5" ROTATING BRUSH w/ANGLE ADJUSTMENT - HEAVY DUTY

Part#	Inlet	P.S.I.	Temp.	G.P.M.	Weight
99023626	Brush w/14" Wand & Female Metric Adapter	3500#	140°F	3.0	3.22

Applications: Heavy duty/general purpose cleaning of windows, siding, decks, boats, campers, RV's, tires/rims, and farm/construction equipment. For use with pressure washers rated up to 3500 PSI. This brush can be angled as much as 140°, perfect for vertical or horizontal surfaces.

Components Included: Brush, 14" wand (male metric x 1/4" male pipe thread), and a metric - female x female adapter.

Installation: Thread brush directly onto end of 1/4" wand. Metric adapters create a quick and easy "tool free" connection to brush.

Temp Range: Up to 140°F (max), **Inlet:** 1/4" FPT.

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



99023731

6.5" ROTATING BRUSH w/ANGLE ADJUSTMENT

Part#	Description	P.S.I.	Temp.	G.P.M.	Weight
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.



99023628

10" SURFACE BRUSH w/NYLON BRISTLES

Part#	Inlet	P.S.I.	Temp.	G.P.M.	Weight
99023628	Brush w/14" Wand & Female Metric Adapter	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), and a metric - female x female adapter.

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.



99023730

15" SURFACE BRUSH w/WAND & ADAPTERS

Part#	Description	P.S.I.	Temp.	G.P.M.	Weight
99023730	Brush w/Wands & 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.

STRAINERS/FILTERS



CHEMICAL STRAINER w/CHECK VALVE & TUBING

Part#	Description	Weight
98023468	Strainer with 4' of 1/4" I.D. Tubing	.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.



INLET WATER FILTERS & O-RING SEALS

Part#	Description	Weight
99023468	10 Pack Set (2 each)	.10

Applications: Replaces old and weather-damaged gaskets that have begun to leak.

Installation: 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.

Set Includes: Two each of the following: inlet water filter 50/60 mesh, yellow 14mm o-ring, red 15mm o-ring, blue 3/8" quick disconnect o-ring, and green 1/4" quick disconnect o-ring.

Note: Use pipe tape between strainer and pump on the male pipe threads to ensure a leak-free connection.



WATER STRAINER

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

INJECTORS



SOAP/CHEMICAL INJECTORS (NON-ADJUSTABLE)

Part#	Inlet-Outlet	W.P.	Orifice	H.B.	Weight
44048775	3/8" Male Pipe Thread x 3/8" Female Pipe Thread	3600#	1.8	1/4"	.20
44048776	3/8" Male Pipe Thread x 3/8" Female Pipe Thread	3600#	2.1	1/4"	.20
44048777	3/8" Male Pipe Thread x 3/8" Female Pipe Thread	3600#	2.4	1/4"	.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 INJECTOR (ADJUSTABLE)

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

GAUGES/INJECTORS

2 in 1



METRIC – PRESSURE GAUGE w/FIXED CHEMICAL INJECTOR

Part#	Description	Weight
99023690	0-5000 PSI 1 1/2" Face Gauge w/Male Metric x Female Metric Connections	.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" MPT threaded gauges. Chemical strainer tubing kit (#98023468, pg. 12) may be attached to the hose barb on the fixed chemical injector.



QUICK DISCONNECT – PRESSURE GAUGE

Part#	Description	Weight
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 QD socket collar to insert or release gauge.

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



UPSTREAM CHEMICAL INJECTOR KIT

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

VALVES



SAFETY RELIEF VALVE

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



THERMAL RELIEF VALVE

Part#	Description	Temp.	Weight
99030532	3/8" Male Pipe Thread	140°F	.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.

PRESSURE WASHER PUMPS – HIGH PRESSURE



VERTICAL PUMP

Part#	Description	Max P.S.I	Max G.P.M.	Weight
99023589	Pump	Up to 2300#	Up to 2.0	9.12

Pump Connections/Specifications

Inlet: Female garden hose thread
Outlet: Male metric
RPM: 3400 rpm
Shaft ID: 7/8" Diameter
Note: Key stock is not included with pump



HORIZONTAL AXIAL PUMP

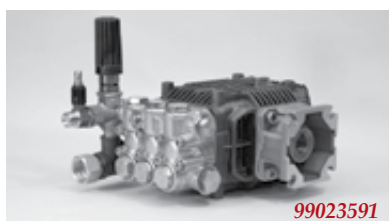
Part#	Description	Max P.S.I	Max G.P.M.	Weight
99023596	Pump	Up to 2500#	Up to 2.5	10.90
99023597	Pump	Up to 2500#	Up to 2.5	8.55

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 all horizontal engines with 3/4" shafts.

Pump Connections/Specifications

Inlet: Female garden hose thread
Outlet: Male metric
RPM: 3400 rpm
Shaft ID: 3/4" Diameter - hollow
Note: Key (stock = 3/16") is not included with pump



TRIPLEX PLUNGER PUMP – HOLLOW SHAFT

Part#	Description	Max P.S.I	Max G.P.M.	Weight
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 all horizontal engines with 3/4" shafts.

Pump Connections/Specifications

Inlet: Female garden hose thread
Outlet: Male metric
RPM: 3400 rpm
Shaft ID: 3/4" Diameter - hollow
Note: Key (stock = 3/16") is not included with pump

WARNING: Serious injury can result from the high pressure discharge produced by pressure washers. Be sure that all connections are secure before turning pump on.

CONTACT YOUR CLOSEST APACHE SERVICE CENTER FOR SPECIFICATION INFORMATION ON THESE AND OTHER PRESSURE WASHER PUMPS.

PRESSURE WASHER HOSE REELS

METAL HOSE REELS



Part#	Description	Weight
99023586	50' (3/8") 3700 PSI Hose Reel w/ Adapter - 3/8" Male Pipe Thread x Male Metric	12.805
99023587	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" MPT hose or a female metric hose.

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 connector hose and mounting brackets.

Inlet/Outlet: 3/8" FPT.

GARDEN HOSE QUICK DISCONNECT ADAPTERS

ADAPTERS



Part#	Description	Weight
44048664	Socket & Plug Set - Brass	.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.

Heavy Duty Solid Male and Female Garden Hose Couplings Available Upon Request.

PRESSURE WASHER ACCESSORIES

SANDBLASTING KIT w/13' OF HOSE



Part#	Inlet	Orifice	W.P.	Weight
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.

UNIVERSAL GUTTER CLEANER



Part#	Inlet	W.P.	Weight
99023766	1/4" Quick Disconnect - Plug x Socket w/Spray Tip	3000#	.65
99023764	Kit: 1/4" Quick Disconnect - Plug x Socket w/Wands/Spray Tip	3000#	2.85

Applications: 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 QD socket collar to insert or release tip; collar moves back into position when connection/disconnection is complete.

Note: For 99023766, a 1/4" QD socket (pg. 5) is required on your wand outlet to complete the connection.



PRESSURE WASHER ACCESSORIES



99023768-c

HEAVY DUTY TELESCOPING WAND

Part#	Inlet - Outlet	W.P.	Weight
99023768-c	3/8" Female Pipe Thread x 1/4" Quick Disconnect Socket	4000#	15.0

Applications: For use with hot or cold water pressure washers rated up to 4000 PSI (max). 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 telescoping extensions. These easily extend or retract and lock at desired length.

Installation: Simply insert any spray tip or other accessory with a 1/4" QD plug into the 1/4" QD socket end of wand.



99023721

SURFACE CLEANER – MAX G.P.M. 2.3

Part#	Description	W.P.	Weight
99023721	Metric - Male x Female w/Adapters	2200#	8.00

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

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

Installation: Choose the correct adapter to work with your gun and thread it onto the 1/4" MPT end of wand. Thread wand onto the male metric of the surface cleaner and attach it to your gun.



99023648-c

SURFACE CLEANER – MAX G.P.M. 4.0

Part#	Description	W.P.	Weight
99023648-c	Metric - Male x Female w/24" Wand	3000#	8.00
99023649-c	Metric - Male x Female w/24" Wand (w/o Wheels)	3000#	8.00

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.



99023750-c

WATER BROOM w/24" QUICK DISCONNECT WAND

Part#	Description	W.P.	Weight
99023750-c	Broom w/3 Spray Tips	3000#	9.0

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

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