

Remove Watermark Now

NEMA Plug Configurations

Standardized NEMA configurations were created to minimize the possibility of unsafe mating of unmatched voltages and amperages. Use the figures to help identify the correct plug for your application.



5-15P



5-20P



6-15P



6-20P



6-30P



6-50P



L15-20P



L15-30P



L6-20P



L6-30P

Cold Water Pressure Washers, Electric/Direct-Drive



- 3 piston axial pump
- Tempered stainless steel plungers
- GFCI protected

All models, except No. 5RCC2, feature an TSS motor (Total System Shutdown) which turns on and off when spray gun is activated and has an automatic safety valve with pressure shutoff at the head. Units include an adjustable high-pressure nozzle.

Westward®—For washing cars, bikes, and outdoor equipment or spaces. Nos. 49C154 and 49C155 include a turbo nozzle, and No. 49C155 includes a hose winder.

A. R. North America—Units include either foam bottle or chemical injector. Nos. 5RCC2 and 5RCC3 also include a ceramic plunger and crank shaft pump. Nos. 20JZ25 to 20JZ27 include a turbo nozzle/lance.



No. 5RCC2

No. 49C155

HP	Operating Pressure	Flow Rate	Amps AC	Usable Hours/Week	Hose Dim.	Net. Wt.	Brand	Item No.
1.9	1350 psi	1.28 gpm	11	0 to 10	3/4" x 20 ft.	16 lb.	Westward	49C152 ✓
	1500 PSI	1.28 gpm	11	0 to 10	3/4" x 20 ft.	17 lb.	Westward	49C154 ✓
2	1900 psi	2.1 gpm	19	20+	25 ft.	53 lb.	A.R. North America	5RCC2 ✓
	1900 psi	2.1 gpm	19	20+	25 ft.	55 lb.	A.R. North America	16X047 ✓
Portable, Wheeled								
1.3	1500 psi	1.4 gpm	11	10 to 20	3/4" x 20 ft.	23 lb.	A.R. North America	20JZ25 ✓
1.4	1700 psi	1.4 gpm	13	10 to 20	3/4" x 20 ft.	31 lb.	A.R. North America	35HX50 ✓
1.5	1800 psi	1.3 gpm	13	10 to 20	3/4" x 20 ft.	32 lb.	A.R. North America	20JZ26 ✓
1.6	2000 psi	1.4 gpm	14	10 to 20	3/4" x 30 ft.	42 lb.	A.R. North America	20JZ27 ✓
1.9	1450 psi	1.28 gpm	11	0 to 10	3/4" x 20 ft.	17 lb.	Westward	49C153 ✓
2	1900 PSI	1.30 gpm	12	0 to 10	3/4" x 20 ft.	24 lb.	Westward	49C155 ✓
	1900 psi	2.1 gpm	20	20+	5/8" x 30 ft.	88 lb.	A.R. North America	5RCC3 ✓

Cold Water Pressure Washer, Electric Motor



- Enclosed, fan-cooled, induction electric motor
- Industrial Triplex pump with ceramic pistons for long life
- Thermal relief valve to prevent pump damage
- Adjustable unloader for range of pressure settings
- Downstream detergent injection system

Includes heavy-gauge steel frame, steel braided high pressure hose, steel quick-connect spray wand, and professional spray gun. Features 5 quick-connect spray nozzles.



No. 33M596

No. 38GL65

HP	Includes	Operating Pressure	Flow Rate	Volts/Phase	Amps AC	Usable Hours/Week	Plug Type	Hose Dim.	Net Wt.	Item No.
1.5	—	1500 psi	1.8 gpm	120	13.8	20+	5-15P	3/4" x 25 ft.	58 lb.	33M596 ✓
4	NEMA 4X Electrical Enclosure	2000 psi	3.0 GPM	208/230/1	19	20+	35' w/ GFCI/ NEMA 6-30P	50' x 3/8" Steel Braided	—	38GL63 ✓
6	NEMA 4X Electrical Enclosure	2500 PSI	3.5 GPM	208/230/1	24	20+	35' w/ GFCI/ NEMA 6-30P	50' x 3/8" Steel Braided	239 lb.	38GL65 ✓
8	NEMA 4X Electrical Enclosure	3000 PSI	4.0 GPM	208/230/1	32	20+	6-50P	50' x 3/8" Steel Braided	256 lb.	38GL64 ✓

Cold Water Pressure Washers, Electric Motor



- Crankshaft pump
- Solid ceramic pistons
- Downstream, low-pressure chemical injection
- Thermal relief valve prevents pump damage

Quiet operation and no engine exhaust make them ideal for indoor use.

DIRECT-DRIVE

35-ft. cord has ground fault circuit interrupter (except No. 3WB89). Include 36" insulated wand with 0° to 60° spray nozzle except Nos. 3WB88 and 3WB89 which are equipped with 15° and 25° high-pressure/chemical nozzle. Wheeled units have solid steel axles and tubed pneumatic tires. Max. intake water temp.: 125°F.

BELT-DRIVE

Nos. 3WB73 and 3WB74

Designed for hot water use without any exhaust. Feature 4-ft. cord with ground fault circuit interrupter, user-adjustable time delay auto shutdown, and thermal overload protection. Industrial-duty motor is enclosed in an easy-to-access stainless steel cabinet. Max. intake water temp.: 180°F. Include 36" wand with 0°, 15°, 25°, and 40° quick-connect nozzles.

No. 20KC14

Features thermal overload protection, external bypass system, and totally enclosed powder-coated belt guard. Includes 50-ft. 3/8" nonmarking hose, insulated lance and trigger gun with safety lock, and 10-ft. power cord.



Medium-Duty, 2 HP No. 3WB87

HP	Operating Pressure	Flow Rate	Volts/Phase	Amps AC	Usable Hours/Week	Plug Type	Hose Dim.	Net Wt.	Item No.
Direct-Drive									
1.5	1400 psi	1.5 gpm	120/1	13.5	0-10	5-15P	3/8" x 25 ft.	45 lb.	1TDK4 ✓
Direct-Drive, Wheeled									
1.5	1000 psi	2.0 gpm	120/1	12.5	10 to 20	5-15P	3/8" x 25 ft.	90 lb.	3WB86 ✓
2	1500 psi	2.0 gpm	120/1	17	10 to 20	5-20R	3/8" x 25 ft.	90 lb.	3WB87 ✓
4.0	2000 psi	2.8 gpm	230/1	16	10 to 20	6-20P	3/8" x 25 ft.	112 lb.	3WE20 ✓
6.0	2500 psi	3.2 gpm	230/1	24.1	20+	6-30	3/8" x 25 ft.	225 lb.	3WB88 ✓
8.0	3000 psi	3.9 gpm	230/1	34.5	20+	6-50P	3/8" x 25 ft.	225 lb.	3WB89 ✓
Belt-Drive									
2	1000 psi	2.5 gpm	120/1	18.8	20+	5-20P	3/8" x 50 ft.	172 lb.	3WB73 ✓
6.0	2000 psi	3.9 gpm	230/1	24.1	20+	L6-30P	3/8" x 50 ft.	214 lb.	3WB74 ✓
Belt-Drive, Wheeled									
8.0	3000 psi	3.5 gpm	230/3	20	20+	L15-30P	3/8" x 50 ft.	318 lb.	20KC14 ✓
Accessory									
Stainless Steel Wall Mounting Bracket, For Use 3WB73-74									3XY63 ✓



Stationary Belt Drive, 6 HP No. 3WB74



X-Series
No. 19YV10

Cold Water Pressure Washers, Electric Motor

- 20+ usable hr. per week
- Industrial Triplex pump
- Ceramic plungers and stainless steel valves
- Trigger gun
- GFCI protected, unless hardwired

X-Series—Roto molded cart frame resists rust and corrosion and has a 6-gal. chemical tank. Include 2-pc., 36" wand with 0° to 60° adjustable tip. 8" nonmarking wheels. Max. intake water temp.: 140°.

MX-Series—Powder-coated metal frame comes with hose and wand holder and accessory reel mounting bracket. Dual chemical injection system has storage for (2) 1-gal. chemical containers and a control valve to choose the chemical. Containers not included. Include 36", 2-pc. wand and 10" pneumatic tires. Max. intake water temp.: 140°. CETL approved.

WM-Series—Wall-mounted units are kept off the floor to save space. Stainless steel frame has a wand/hose rack and has dual chemical injection system with 10-ft. feed hoses. Heavy-duty wand includes soap nozzle with 4 quick-change tips. Max. intake water temp.: 160°.

EWM-Series—Economical units mount to the wall to save floor space. Feature chemical injection, interchangeable nozzles with varying patterns, and a low-pressure soap nozzle. Auto start-stop system helps reduce motor problems related to rapid starting and stopping. Max. intake water temp.: 160°.

HP	Operating Pressure	Flow Rate	Volts/Phase	Amps AC	Plug Type	Net Wt.	Mfr. Model	Item No.
X-Series								
1.5	1000 psi	2.2 gpm	120/1	15	5-15P	112 lb.	1000X	19YV10 ✓
MX-Series								
2	1500 psi	2.2 gpm	120/1	20	5-20P	115 lb.	1500MX2	19YV05 ✓
5	2000 psi	3.0 gpm	230/1	25	6-15P	150 lb.	2000SMX	19YV06 ✓
WM-Series								
1.5	1000 psi	2.2 gpm	120/1	20	6-15P	80 lb.	1000WM/SS	39FY58 ✓
	2000 psi	4.0 gpm	230/1	26	Hard Wire	190 lb.	2000WM/SS	19YV01 ✓
5	2000 psi	4.0 gpm	230/3	15	Hard Wire	190 lb.	2000WM/SSM3	19YV02 ✓
	3000 psi	4.0 gpm	230/1	34	Hard Wire	210 lb.	3000WM/SS	19YV03 ✓
7.5	3000 psi	4.0 gpm	230/3	17	Hard Wire	210 lb.	3000WM/SSM3	19YV04 ✓
EWM-Series								
7.5	3000 psi	4.0 gpm	230/1	34	Hard Wire	213 lb.	3040EWM/A	19YV07 ✓
	3000 psi	5.0 gpm	230/1	40	Hard Wire	253 lb.	3050EWM/A	19YV08 ✓
10	4000 psi	4.0 gpm	230/1	40	Hard Wire	253 lb.	4040EWM/A	19YV09 ✓



No. 39FY59

Hot Water Pressure Washers, Electric Motor

- Up to 40 usable hrs. per week
- CETL approved to UL standards, except No. 39FY59

Features adjustable pressure, thermostat and pressure pop-off. Oil-fired burner uses diesel fuel to achieve a 140°F rise in water temp. Includes hose, trigger gun, dual wand with side handle and detergent tips.

HP	Operating Pressure	Flow Rate	Volts/Phase	Amps AC	Plug Type	Net Wt.	Item No.
2	1450 psi	2.0 gpm	120/1	20	6-15P	300 lb.	39FY59 ✓
3	1500 psi	3.0 gpm	230/1	20	5-20P	300 lb.	39FY57 ✓
5	2000 psi	4.0 gpm	230/1	28	6-30P	520 lb.	39FY60 ✓
7.5	3000 psi	4.0 gpm	230/1	34	10-50P	550 lb.	39FY56 ✓



HDS Upright



HDS Full-Size

Hot Water Pressure Washers, Electric Motor

- 20+ usable hr. per week
- Axial pumps with ceramic pistons
- UL Listed, CSA Certified

No. 20KP75 is a high-performance, upright machine that is easy to operate and provides excellent maneuverability and transport. Includes hand spray gun, spray lance, and triple nozzle.

No. 20KP82 is a full-size model that is easy to use, high performing, durable, and economical. Features a machine shutdown switch on the gun, variable flow, steam capability, low-fuel shut off, and low water protection.

Description	HP	Operating Pressure	Flow Rate	Volts/Phase	Amps AC	Plug Type	Water Output Temp.	Hose Dim.	Net Wt.	Item No.
HDS Upright	2.2	1200 psi	1.7 gpm	120/1	15	5-20P	175°F	33 ft.	150 lb.	20KP75 ✓
HDS Full-Size	11	3000 psi	2.6 to 5.0 gpm	460/3	21	—	180°F	50 ft.	413 lb.	20KP82 ✓



Liberty Hand Held
No. 20KR04



X-Series
No. 20KR10



HD Class
No. 20KP95



Liberty HD Cart
No. 20KP96



Hot Water Heating Module

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Cold Water Pressure Washers, Electric Motor

Liberty Handheld—Rugged, portable units are built with durable steel frames and include an axial pump, high-pressure hose, stainless steel wand, and detergent injector with brass soap nozzle. Wall-mounted bracket No. 20KR06 sold separately.

X-Series—Innovative water-cooled motor lowers the operating temperature, improves overall performance, and prolongs the motor's life up to 500%. Feature variable spray wand, trigger gun, removable detergent tank, and adjustable detergent flow.

HD Class—Compact, highly mobile units are constructed of lightweight polypropylene and designed for ease of use and user-friendly ergonomics. Axial pump has corrosion-resistant brass cylinder heads. Include stainless steel lance with 360° radius and triple nozzle.

Liberty HD Cart—Durable, compact unit is powered by a heavy-duty, direct-drive electrical motor. Feature tri-plunger oil bath pumps, powder-coated steel chassis, hose racks, detergent injection, and pneumatic tires.

Hot Water Heating Module—Electric-powered, diesel-heated unit provides supplemental heat to cold-water machines when the benefits of hot water cleaning are needed.

HP	Operating Pressure	Flow Rate	Volts/Phase	Amps AC	Plug Type	Hose Dim.	Net Wt.	Item No.
Liberty Hand Held, 1 to 10 Usable Hours Per Week								
1.5	1000 psi	2.0 gpm	120/1	15	5-15P	25 ft.	80 lb.	20KR04 ✓
	1400 psi	1.8 gpm	120/1	20	—	25 ft.	95 lb.	20KR05 ✓
X-Series, 20+ Usable Hours Per Week								
2	1800 psi	1.5 gpm	120/1	13	5-15P	20 ft.	27 lb.	20KR10 ✓
	2000 psi	1.4 gpm	120/1	13	5-15P	20 ft.	31 lb.	20KR11 ✓
HD Class, 20+ Usable Hours Per Week								
3.2	1500 psi	1.1 to 2.3 gpm	120/1	20	5-20P	33 ft.	68 lb.	20KP87 ✓
4.7	2000 psi	1.1 to 2.3 gpm	120/1	20	5-20P	33 ft.	68 lb.	20KP88 ✓
5.2	2000 psi	1.1 to 3.0 gpm	230/1	20	6-20P	33 ft.	105 lb.	20KP95 ✓
	2000 psi	1.1 to 3.0 gpm	230/1	20	6-20P	33 ft.	68 lb.	20KP89 ✓
10	3200 psi	2.2 to 4.5 gpm	230/3	20	—	33 ft.	182 lb.	20KP93 ✓
	3200 psi	2.2 to 4.5 gpm	460/3	15	—	33 ft.	182 lb.	20KP94 ✓
18.5	3000 psi	1.8 to 3.5 gpm	230/1	30	6-30P	33 ft.	168 lb.	20KP92 ✓
Liberty HD Cart, 20+ Usable Hours Per Week								
1.5	1000 psi	2.0 gpm	120/1	15	5-15P	50 ft.	140 lb.	20KP99 ✓
	1000 psi	2.8 gpm	120/1	20	5-20P	50 ft.	150 lb.	20KR02 ✓
2	1300 psi	1.9 gpm	120/1	20	5-20P	50 ft.	150 lb.	20KR01 ✓
	3000 psi	3.0 gpm	—	—	5-20P	50 ft.	175 lb.	20KP96 ✓
	3500 psi	3.8 gpm	—	—	6-30P	50 ft.	180 lb.	20KP97 ✓
5	2000 psi	3.5 gpm	230/1	22	6-30P	50 ft.	167 lb.	20KR03 ✓
Hot Water Heating Module, 20+ Usable Hours Per Week								
	5.0 gpm, 3000 psi, Water Resistant Control Box w/Adjustable Thermostat							20KR09 ✓

Cold Water Pressure Washers, Portable Gas Engine



No. 20KC06



No. 20KC10

- Honda engine
- Recoil start
- Aluminum frame

Portable units are easy to maneuver and transport to exactly where you need it. Include gun, wand, and hose.

HP	Engine Size	Operating Pressure	Flow Rate	Usable Hours per Week	Pump Drive	Hose Dim.	Net Weight	Item No.
6	187cc	2800 psi	2.4 gpm	0-10	Direct	¾" x 25 ft.	75 lb.	20KC06 ✓
6.5	196cc	3200 psi	2.4 gpm	10 to 20	Direct	¾" x 25 ft.	85 lb.	20KC07 ✓
9	270cc	3600 psi	2.8 gpm	10 to 20	Direct	¾" x 50 ft.	130 lb.	20KC08 ✓
		3800 psi	3.7 gpm	20+	Belt	¾" x 50 ft.	150 lb.	20KC10 ✓
13	389cc	4200 psi	3.4 gpm	10 to 20	Direct	¾" x 50 ft.	142 lb.	20KC09 ✓
		4200 psi	3.4 gpm	20+	Belt	¾" x 50 ft.	150 lb.	20KC11 ✓

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Remove Watermark Now

Cold Water Pressure Washers, Portable Gas Engine

- OHV horizontal-shaft engine
- Low-oil shutdown engine protection
- Generac Engine
- Recoil Start
- Include wand, hose, engine oil supply, and 5 Quick-Click™ nozzle tips.

Residential—Include PVC hose and axial cam pump.

Commercial—Roll-cage frame protects the engine and pump and has grab bars for easier lifting. Triplex pump has ceramic-coated pistons for extended life. Include steel-reinforced rubber hose, quick-change connectors, and pressure control valve.

Engine Size	Operating Pressure	Flow Rate	Hose Dim.	Net Weight	Item No.
Residential, Up to 10 Usable Hours Per Week					
196cc	2500 psi	2.4 gpm	1/4" x 25 ft.	57 lb.	48XL87 ✓
	2800 psi	2.4 gpm	1/4" x 25 ft.	57 lb.	48XL88 ✓
	3100 psi	2.4 gpm	1/4" x 25 ft.	57 lb.	48XL89 ✓
Commercial, Up to 20 Usable Hours Per Week					
212cc	3100 psi	2.8 gpm	5/8" x 35 ft.	102.5 lb.	32NF40 ✓
	3600 psi	2.6 gpm	50ft	107 lb.	39FZ93 ✓
302cc	3800 psi	3.2 gpm	3/8" x 50 ft.	129 lb.	39FZ92 ✓
	3800 psi	3.6 gpm	3/8" x 35 ft.	129 lb.	32NF41 ✓
420cm3	4200 psi	4.0 gpm	3/8" x 50 ft.	146.5 lb.	32NF42 ✓



No. 32NF42

Cold Water Pressure Washers, Portable Gas Engine

Medium-Duty—ReadyStart® system provides quick starting. Fold-down handle design has detachable hose wrap and onboard storage.

Axial cam pump has Easy Start™ technology with high-temperature thermal relief. Include 4 quick-connect spray tips, 30-ft. high-pressure hose, and engine oil.

Heavy-Duty—Nos. 29FX88 and 18C559 feature an Anovi Reverberi™ triplex pump designed for high-pressure output and durability. Also feature high-temperature thermal relief. Include 5 pro-style spray tips, 35-ft. high-pressure hose, and engine oil.

Gross Torque	Engine Size	Operating Pressure	Flow Rate	Usable Hours per Week	Starter Type	Hose Dim.	Net Weight	Mfr. Model	Item No.
Medium-Duty									
6.75	190cc	2600 psi	2.3 gpm	0-10	Recoil	1/4" x 25 ft.	56 lb.	20594	36WG15 ✓
8.50	190cc	2800 psi	2.3 gpm	0-10	Recoil	1/4" x 30 ft.	56 lb.	20593	36WG16 ✓
8.75	190cc	3000 psi	2.7 gpm	0-10	Recoil	1/4" x 30 ft.	56 lb.	20592	36WG17 ✓
—	205cc	3600 psi	2.5 gpm	20+	Recoil	3/8" x 35 ft.	113 lb.	20647	45TP59 ✓
Heavy-Duty									
21.00	420cc	4000 psi	4.0 gpm	20+	Recoil	3/8" x 50 ft.	142 lb.	20507	18C559 ✓
11.50	250cc	3300 psi	3.2 gpm	10 to 20	Electric / Recoil	5/16" x 50 ft.	130 lb.	20542	29FX88 ✓
8.75	190cc	3000 psi	5.0 gpm	0 to 10	Electric	3/8" x 30 ft.	68 lb.	20570	45TP58 ✓



No. 18C559

Cold Water Pressure Washers, Portable Gas Engine

- 20+ Usable hours per week
- Honda GX Commercial Series engine with Oil Alert®
- CAT Industrial triplex pump with ceramic pistons and adjustable unloader
- Premium pneumatic tires with steel hubs

Includes heavy-gauge steel frame, steel-braided high pressure hose, professional spray gun, and steel quick-connect spray wand. Features 5 quick-connect spray nozzles: 0°, 15°, 25°, 40°, and soap. Direct-Drive models are equipped with secondary handle with instruction panel.

Engine Size	Operating Pressure	Flow Rate	Hose Dim.	Net Weight	Item No.
Direct-Drive					
196cc	3200 psi	2.8 gpm	5/8" x 25 ft.	82 lb.	33M597 ✓
270cc	3800 psi	3.5 gpm	3/8" x 50 ft.	122 lb.	33M598 ✓
389cc	4200 psi	4.0 gpm	3/8" x 50 ft.	139 lb.	33M599 ✓
Belt-Drive					
389cc	4200 psi	4.0 gpm	3/8" x 50 ft.	192 lb.	33M601 ✓



No. 33M601

ChoreMaster® Cold Water Pressure Washers, Portable Gas Engine

- Downstream, low-pressure chemical injection
- Thermal relief valve
- Solid steel frames

DIRECT-DRIVE

High pressure rating and compact design make these washers great for light- to medium-duty use. Include 36" wand, solid steel axles, and pneumatic tires.

Mi-T-M® Models—Feature low oil shutdown, except No. 3WB97. Quick-connect nozzles: 0°, 15°, 25°, and chemical, except No. 3WB97 has 15°, 25°, and chemical only.

Choremaster®—Feature fold-down steel handles and inline water strainer. Quick-connect nozzles: 15°, 25°, and chemical. Low oil shutdown on Subaru engines.

BELT-DRIVE

Provide less wear and longer life than direct-drive pumps. Ideal for heavy-duty use. Include external vibration- and heat-reducing bypass system and low-oil motor protection. Include 36" wand and 0°, 15°, 25°, 40°, and chemical quick-connect nozzles. Nos. 6CGP0 and 6CGP1 comes with a 48" wand.

23-HP Electric Start—Large fuel tank allows 8-hr. run time. Dry battery included. Has a roll cage frame and lifting hook.

Choremaster® No. 1TDJ2



Mi-T-M® No. 3WB72

HP	Engine Size	Operating Pressure	Flow Rate	Engine Brand	Usable Hours per Week	Starter Type	Hose Dim.	Net Weight	Item No.
Mi-T-M® Direct-Drive Gas Engine									
5	160cc	2000 psi	2.5 gpm	Honda GC	0-10	Recoil	3/8" x 25 ft.	75 lb.	3WB97 ✓
	196cc	2400 psi	2.4 gpm	Honda GC	10 to 20	Recoil	3/8" x 50 ft.	75 lb.	3WB83 ✓
6.5	196cc	3000 psi	2.4 gpm	Honda	10 to 20	Recoil	3/8" x 50 ft.	85 lb.	5MZU1 ✓
	212cc	3000 psi	2.4 gpm	Mi-T-M OHV	10 to 20	Recoil	3/8" x 25 ft.	85 lb.	5JKL7 ✓
7	208cc	3000 psi	2.4 gpm	Kohler	10 to 20	Recoil	3/8" x 25 ft.	107 lb.	38C738 ✓
	270cc	3400 psi	3.0 gpm	Honda	10 to 20	Recoil	3/8" x 50 ft.	130 lb.	5MZU2 ✓
9	277cc	3500 psi	2.8 gpm	Kohler	10 to 20	Recoil	3/8" x 50 ft.	129 lb.	38C739 ✓
	280cc	3500 psi	2.8 gpm	Mi-T-M	10 to 20	Recoil	3/8" x 50 ft.	142 lb.	5MZU4 ✓
13	389cc	4000 psi	3.5 gpm	Honda	10 to 20	Recoil	3/8" x 50 ft.	142 lb.	5MZU3 ✓
	420cc	4000 psi	3.4 gpm	Mi-T-M	10 to 20	Recoil	3/8" x 50 ft.	142 lb.	5MZU5 ✓
14.0	429cc	4000 psi	3.4 gpm	Kohler	10 to 20	Recoil	3/8" x 50 ft.	153 lb.	38C740 ✓
Choremaster® Direct-Drive Gas Engine									
5	160cc	2500 psi	2.3 gpm	Honda GC	0-10	Recoil	3/8" x 25 ft.	75 lb.	1TDJ2 ✓
6.0	187cc	2700 psi	2.3 gpm	Honda GC	0-10	Recoil	3/8" x 25 ft.	75 lb.	1TDJ3 ✓
7	211cc	3000 psi	2.4 gpm	Subaru	10 to 20	Recoil	3/8" x 25 ft.	85 lb.	1TDJ4 ✓
9	265cc	3400 psi	2.8 gpm	Subaru	10 to 20	Recoil	3/8" x 50 ft.	130 lb.	1TDJ5 ✓
13.5	404cc	4000 psi	3.4 gpm	Subaru	10 to 20	Recoil	3/8" x 50 ft.	142 lb.	1TDJ6 ✓
Mi-T-M® Belt-Drive Gas Engine									
9	277cc	3000 psi	3.5 gpm	Kohler	20+	Recoil	3/8" x 50 ft.	165 lb.	38C741 ✓
	3000 psi	3.5 gpm	Honda GX	20+	Recoil	3/8" x 50 ft.	216 lb.	3WB72 ✓	
13	389cc	3500 psi	3.7 gpm	Honda GX	20+	Recoil	3/8" x 50 ft.	216 lb.	3WB90 ✓
	4000 psi	3.0 gpm	Honda GX	20+	Recoil	3/8" x 50 ft.	216 lb.	1RM75 ✓	
14.0	429cc	3500 psi	3.7 gpm	Kohler	20+	Recoil	3/8" x 50 ft.	184 lb.	38C742 ✓
	4000 psi	3.0 gpm	Kohler	20+	Recoil	3/8" x 50 ft.	185 lb.	38C743 ✓	
23.0	688cc	5000 psi	4.0 gpm	Honda	20+	Electric	3/8" x 50 ft.	378 lb.	6CGP0 ✓
	6000 psi	3.7 gpm	Honda	20+	Electric	3/8" x 50 ft.	401 lb.	6CGP1 ✓	
Mi-T-M® Belt-Drive Diesel Engine									
9.8	—	3000 psi	3.9 gpm	Kohler	20+	Electric	3/8" x 50 ft.	245 lb.	20KC12 ✓



HXR-Series
No. 19YV13



HRC-Series
No. 19YV22



Working well under pressure!

Cold Water Pressure Washers, Gas Engine

- Crankshaft pump
- Honda GX engine
- Solid ceramic pistons
- Thermal relief valve

Honda engine provides 20+ usable hours of service per week so that you can power through loads of tough cleaning jobs. Washers include powder-coated master frame, heavy-duty gun and wand, and tips, with a 3/8" x 50-ft. hose.

HXR-Series—Electric-start washers are mounted on a master frame with 4 pneumatic tires for easy transport.

HRC-Series—Mount easily to any flatbed, trailer or inside of most vans (proper ventilation required). Included 35-gal. buffer-feed tank can be fed with a garden hose to maintain water feed during operation. Float switch-activated low water shut down helps protect against dry running.

Engine Size	Operating Pressure	Flow Rate	Starter Type	Net Weight	Item No.
HXR-Series					
688cc	5000 psi	4.5 gpm	Electric	215 lb.	19YV12 ✓
	7000 psi	4.2 gpm	Electric	300 lb.	19YV13 ✓
HRC-Series					
688cc	5000 psi	5.5 gpm	Electric	400 lb.	19YV22 ✓
	6000 psi	5.0 gpm	Electric	400 lb.	19YV23 ✓
	7000 psi	4.2 gpm	Electric	400 lb.	19YV24 ✓



No. 20KP83

KA

makes a difference

Cold Water Pressure Washers, Gas Engine

- Axial pump (No. 20KR13 is crankcase)
- Tempered hardened pistons (No. 20KR13 are ceramic)

Include downstream chemical injection, spray wand, and quick-connect nozzles. Nos. 20KP85, 36RM48, 36RM47, and 36RM49 also include trigger gun.

Engine Size	Operating Pressure	Engine Brand	Hose Dim.	Usable Hours per Week	Flow Rate	Net Weight	Item No.
160cc	2700 psi	Honda	50 ft.	0-10	2.5 gpm	99 lb.	20KR13 ✓
187cc	3000 psi	Honda	25 ft.	0-10	2.5 gpm	75 lb.	20KP85 ✓
190cc	2800 psi	Honda	25 ft.	0-10	2.5 gpm	64 lb.	20KP83 ✓
212cc		Karcher	25 ft.	0-10	2.5 gpm	73 lb.	20KP84 ✓
196cc	3200 psi	Karcher	1/4" x 25 ft.	10 to 20	2.3 gpm	70.1 lb.	36RM48 ✓
		Karcher	1/4" x 25 ft.	20+	2.5 gpm	72 lb.	36RM47 ✓
300cc	3500 psi	Karcher	3/8" x 50 ft.	20+	3.2 gpm	128 lb.	36RM49 ✓



Working well under pressure!

Hot Water Pressure Washer, Electric Motor

- Crankshaft pump
- Solid ceramic pistons
- Downstream chemical injection
- Max. output water temp.: 196°F

Near-boiling water is excellent for sanitizing and tough cleaning jobs. Direct drive-pump provides 20+ usable hours per week for applications that require frequent washdown, such as food processing and packaging plants. Include forced air burner with electronic ignition and adjustable thermostat, trigger gun, dual wand with soap tip, 4 quick-attach tips, and 3/8" x 50 ft. hose. Powder-coated frame.



No. 19YV18

Operating Pressure	Flow Rate	Volts/Phase	Amps AC	Plug Type	Net Wt.	NATURAL GAS BURNER		LIQUID PROPANE BURNER	
						Item No.	✓	Item No.	✓
2 1000 psi	3.0 gpm	120/1	20	6-20P	350 lb.	19YV18	✓	19YV19	✓
5 2000 psi	4.0 gpm	230/1	28	Hard Wire	520 lb.	19YV20	✓	19YV21	✓

Hot Water Pressure Washers, Electric Motor

- Crankshaft pump
- Solid ceramic pistons
- High-pressure chemical injection (except Nos. 3WB91 and 3WB92 which are downstream, low-pressure)
- Output water temp.: 190° to 200°F (pressure washers); 250° to 300°F (steam cleaners)

Mounted on sturdy rolling frames with tubed pneumatic tires and solid steel axles. Feature enclosed fan-cooled industrial motors. Thermal relief valve helps prevent pump damage and an easy-access coil drain helps prevent freezing. Include 3/8" x 50 ft. hoses, 36" wand with 15" and chemical quick-connect nozzles, and 35-ft. electrical cord with GFCI.

Note: Additional models are available on Grainger.com®



Diesel or Kerosene, 8 HP
No. 1RM77

HP	Operating Pressure	Flow Rate	Volts/Phase	Amps AC	Plug Type	Usable Hours/Week	Pump Drive	Net Weight	PRESSURE WASHERS Item No.	COMBINATION STEAM CLEANERS Item No.
Diesel or Kerosene										
2.0	1500 psi	2.0 gpm	120/1	20	5-20P	10 to 20	Direct	250 lb.	3WB94 ✓	2GXK5 ✓
8	3000 psi	3.5 gpm	230/1	36	6-50P	20+	Belt	607 lb.	1RM77 ✓	2GXK9 ✓
8	3000 psi	3.5 gpm	230/3	24	L15-30P	20+	Belt	602 lb.	1RM78 ✓	2GXL1 ✓
Liquid Propane Gas-Fired										
1.5	700 psi	2.3 gpm	120/1	15	5-15P	20+	Belt	363 lb.	—	3WB92 ✓
2.0	1500 psi	1.8 gpm	120/1	20	5-20P	20+	Belt	363 lb.	3WB91 ✓	—



Performance Under Pressure.

Diesel or Kerosene—Top-fired oil burner enhances fuel efficiency and servicing. Burn #1 or #2 diesel fuel or kerosene. Solid state electronic ignition. Heavy-duty frame, roll cage, and lifting hook. No. 3WB94 and 2GXK5 include 0°, 15°, 25°, 40° and chemical quick-connect nozzles.

LP Gas-Fired—Include gas regulator, LP valve shutoff, 10-ft. gas hose, and tank carrier with snug-fit band. Minimum tank size is 30 lb. (Tank not included, use vapor-only.)

Remove Watermark Now



No. 33M603

DEWALT

Hot Water Pressure Washers, Gas Engine

- 20+ usable hours per week
- Industrial triplex pump with ceramic pistons
- Adjustable unloader with dual belt-drive system
- Downstream detergent injection system
- Pressure safety relief valve
- High-temp. limit switch

Feature 12V burner system with hour meter with adjustable thermostat and professional spray gun. Key-start engines include low oil shutdown. No. 33M602 has a 6.4-qt. gasoline tank engine and a 10.9-gal. diesel tank burning system. No. 33M603 has both a 10.9-gal. gasoline tank engine and diesel tank burner system.

HP	Engine Size	Operating Pressure	Flow Rate	Engine Brand	Burner Fuel	Net Weight	Item No.
13	389cc	3000 psi	4.0 gpm	Honda	Diesel	495 lb.	33M602 ✓
18.0	570cc	3600 psi	5.0 gpm	Briggs and Stratton OHV	Diesel	545 lb.	33M603 ✓



No. 19YV14



Working well under pressure!

Hot Water Pressure Washer, Gas Engine

- 20+ usable hours per week
- Crankshaft pump
- Electric start

- Water output temp.: 190°F
- ¾" x 50-ft. hose
- Honda GX engine

12V DC burner features industrial pump with ceramic pistons, stainless steel valves, and oil-fired burner using diesel fuel. Units burn #1 or #2 diesel fuel or kerosene. Include gun, dual wand with soap tip and spray tips, adjustable thermostat and pressure pop-off, hose rack, and rust-free poly tank.

Engine Size	Operating Pressure	Flow Rate	Net Weight	Item No.
389cc	3000 psi	4.0 gpm	600 lb.	19YV14 ✓
688cc	5000 psi	5.5 gpm	725 lb.	19YV15 ✓
688cc	6000 psi	5.0 gpm	725 lb.	19YV16 ✓
688cc	7000 psi	4.2 gpm	725 lb.	19YV17 ✓



Choremaster® No. 3NXE3



Mi-T-M® No. 3WB82

Hot Water Pressure Washers, Portable Gas Engine

- Crankshaft pump
- Solid ceramic pistons
- Low-pressure chemical injector
- Thermal relief valve

Electro Magnetic Firing (EMF) system requires no battery, generator, motor, or transformer. Top-fired burner assembly. Units burn #1 or #2 diesel fuel or kerosene. Include pneumatic tires and solid drain and overpressure protection.

Note: Additional kerosene pressure washer models are available on Grainger.com®

Choremaster®—Include 0°, 15°, 25°, and 40° quick-connect nozzles and 36" insulated wand.



Performance Under Pressure.



Mi-T-M®—Dual 36" wand with fixed chemical nozzle and 0°, 15°, 25°, and 40° quick-connect nozzles. Electric start models include dry battery. Wrapped frame with lifting hook. Hood cover tilts for easy burner access. Skid-mount are heavy-duty powder-coated steel square tube frame. ½" schedule 80-coil with stainless steel wrap heat exchanger. Burn #1 or #2 diesel fuel or kerosene. Polyethylene burner and engine fuel tanks. Temperature rise is 150°F/66°C above ambient; max. outlet temperature is 200°F. Quick connect nozzles: 0°, 15°, 25°, and 40° fuel tank capacity. Oversized crankshaft pump with upgraded bearings.

HP	Engine Size	Operating Pressure	Flow Rate	Engine Brand	Starter Type	Water Output Temp.	Hose Dim.	Net Weight	Item No.
Choremaster®, 10 to 20 Usable Hours Per Week									
7	211cc	2000 psi	2.5 gpm	Robin-Subaru	Recoil	200°F	¾" x 40 ft.	311 lb.	3NXE3 ✓
		2500 psi	2.4 gpm		Recoil	200°F	¾" x 40 ft.	321 lb.	3NXE4 ✓
Mi-T-M®, 20+ Usable Hours Per Week									
6.5	196cc	2400 psi	2.6 gpm		Recoil	200°F	¾" x 50 ft.	269 lb.	3WE17 ✓
9	270cc	3000 psi	2.8 gpm	Honda GX	Recoil	200°F	¾" x 50 ft.	407 lb.	3WB80 ✓
13	389cc	3000 psi	3.5 gpm		Electric	200°F	¾" x 50 ft.	428 lb.	3WB81 ✓
		3500 psi	3.3 gpm	Honda OHV	Electric	200°F	¾" x 50 ft.	428 lb.	3WB82 ✓
Gas Engine, Mi-T-M® Kerosene Burners, Skid-Mount, 20+ Usable Hours Per Week									
20	688cc	3500 psi	4.7 gpm	Honda GX	Electric	200°F	¾" x 50 ft.	750 lb.	1TDJ9 ✓
		4000 psi	4.0 gpm	Honda GX	Electric	200°F	¾" x 50 ft.	750 lb.	1TDK1 ✓



No. 20KR07

KÄRCHER

makes a difference

Hot Water Pressure Washers, Gas Engine

- 20+ usable hours per week
- Direct-drive, electric start
- Honda engine

- 50-ft. hose
- Water output temp.: 130°F

Feature industrial triplex pump with ceramic pistons, Units burn #1 or #2 diesel fuel or kerosene. Include 4 quick-connect nozzles, safety relief valve, insulated high pressure trigger gun, and insulated dual variable pressure wand.

Engine Size	Operating Pressure	Flow Rate	Net Weight	Item No.
389cc	3000 psi	3.5 gpm	550 lb.	20KR07 ✓
389cc	3500 psi	3.5 gpm	595 lb.	20KR08 ✓

Spray Gun
No. 1MDC6



Spray Gun
with 36" Lance
No. 1MDC9



Spray Gun
with 14" Lance
No. 1MDE1



GA GRAINGER APPROVED

Spray Guns

- Automatic trigger shutoff and trigger lock
- Stainless steel and brass internals
- Buna-N and PTFE seals
- See Grainger.com® for additional models

No. 1MDE1 spray gun with 14" wand requires extension wand No. 1MDE2 below. Weep-Style Spray Gun No. 1MDJ7 is designed to leak to protect from freezing; suited for owner-operated and self-service car washes.

Description	Max. Pressure	Max. Flow	Max. Fluid Temp.	Inlet	Outlet	Item No.
Spray Gun	3625 psi	6.6 gpm	140°F	3/8" FNPT	1/4" FNPT	1MDC6
	3700 psi	6.6 gpm	140°F	3/8" FNPT	1/4" FNPT	1MDC9
	3700 psi	8.0 gpm	320°F	3/8" FNPT	22mm FNPT	1MDE1
	4060 psi	10 gpm	300°F	3/8" FNPT	1/4" FNPT	1MDC7
	5075 psi	10.6 gpm	320°F	3/8" FNPT	1/4" FNPT	1MDC8
Weep Style Spray Gun	4500 psi	8 gpm	300°F	3/8" FNPT	1/4" FNPT	1MDJ7
Spray Gun 303 Stainless	5000 psi	8 gpm	300°F	3/8" FNPT	1/4" FNPT	1MDK8
High Pressure Spray Gun	5075 psi	12 gpm	320°F	3/8" FNPT	1/4" FNPT	16X048
Heavy Duty Spray Gun	8700 psi	21 gpm	300°F	3/8" FNPT	1/4" FNPT	5JKNO



Insulated Extension and Pivot Nozzle Wands

- Zinc-plated steel tubes
- 1/4" tube diameter, except on No. 1MDD8, which has 3/8"-diameter tubes
- Max. fluid temp.: 300°F

Description	Length	Max. Pressure	Max. Flow	Inlet	Outlet	Item No.
4-Piece Extension Wand Set	66"	2100 psi	2.9 gpm	Bayonet Male	Bayonet Female	36RM50
Molded Grip Wand	24"	5000 psi	10.5 gpm	1/4" MNPT	1/4" MNPT	1MDD1
	36"	5000 psi	10.5 gpm	1/4" MNPT	1/4" MNPT	1MDD2
	48"	5000 psi	10.5 gpm	1/4" MNPT	1/4" MNPT	1MDD3
	59"	5000 psi	10.5 gpm	1/4" MNPT	1/4" MNPT	1MDD7
Vented Grip Wand	36"	5000 psi	10.5 gpm	1/4" MNPT	1/4" MNPT	1MDD4
	48"	5000 psi	10.5 gpm	1/4" MNPT	1/4" MNPT	1MDD5
Dual Wand	36"	3650 psi	10.5 gpm	1/4" MNPT	1/4" FNPT	1MDD8
Deluxe Dual Wand	40"	4000 psi	11.0 gpm	1/4" MNPT	1/4" Q.C.	1MDD6
	28"	3200 psi	8.0 gpm	22mm MNPT	1/4" Q.C.	5ELY7
90° Pivot Nozzle Wand	40"	4000 psi	10.0 gpm	1/4" MNPT	1/4" Q.C.	5ELY8
	40"	4000 psi	10.0 gpm	1/4" MNPT	1/4" Q.C.	5ELY9
Handle Grip Stainless Steel Extension Wand	48"	6000 psi	6.0 gpm	1/4" MNPT	1/4" MNPT	5JKN3
Wand Extension	24"	5000 psi	10.5 gpm	22mmMNPT	1/4" FNPT	1MDE2

* 1/4" Quick-Connect discharge port.

GA GRAINGER APPROVED

- See Grainger.com® for additional models

Molded plastic grips provide comfortable hand positioning to reduce user fatigue. Deluxe Dual Wand No. 1MDD6, features stainless steel tubes and includes a 1/4" female quick-connect nozzle coupler and soap tip. No. 1MDE2 has a 1/4" quick-connect discharge port.



Consumer Kit

Gun/Wand/Hose Kits

CONSUMER GRADE KIT

Includes spray gun, 18" wand, adjustable nozzle, and 1/4" x 25-ft. hose.

GA GRAINGER APPROVED

PROFESSIONAL GRADE KIT

Includes spray gun, 24" wand with 1/4" quick connect, and 3/8" x 50-ft. hose.

UNIVERSAL KIT

Includes spray gun, lance with adjustable spray pattern head, lance with turbo nozzle, 25-ft. hose, foamer bottle, and adaptor.

Description	Lance Length (in.)	Max. Pressure (psi)	Max. Flow (gpm)	Max. Fluid Temp (°F)	Inlet Port (in.)	Item No.
Consumer Kit	30	3000	5.5	140	M22mm	1MDK3
Professional Kit	42	4000	10.0	250	3/8" (F)	1MDK2
Universal Electric Pressure Washer Kit, 3 gpm, 2320 psi					M22mm	20JZ20



Fiberglass Pole

Telescoping Wands

GA GRAINGER APPROVED

- Feature internal high-pressure hoses
- Pole tips fit standard quick-connect nozzles
- Feature removable angled spray head. Compatible with Quick-Connect-style nozzles. Ideal as an accessory for pressure washers, for cleaning home siding, industrial buildings, and trailers. Twist extender collar to extend and retract the wand.

WAND SUPPORT BELT

- Nylon belt with adjustable hook-and-loop closure
- Supports 18- and 24-ft. telescoping wands
- Wand clamps to the belt for greater support and comfort during long cleaning jobs.

Length	Max. Pressure	Max. Flow	Max. Fluid Temp.	Inlet	Outlet*	Item No.
Fiberglass Pole						
18 ft.	4000 psi	8.0 gpm	200°F	3/8" (M) Q.C.	1/4" Q.C.	1MDD9
24 ft.	4000 psi	8.0 gpm	200°F	3/8" (M) Q.C.	1/4" Q.C.	1MDH7
Aluminum Pole						
18 ft.	4000 psi	8.0 gpm	200°F	3/8" (M) Q.C.	1/4" Q.C.	1MDJ6
Wand Support Belt						
33 to 55" Waist Size, Black						1MDH8

* Q.C. = Quick-Connect.



Brass

Sandblast Kits

BRASS

Includes nozzle, 10-ft. sand hose, 2 clamps, and sand probe.

STAINLESS STEEL FAN SPRAY

Includes 4 different-sized nozzles, 25-ft. sand hose, 2 clamps, and sand probe.

GA GRAINGER APPROVED

Description	Max. Pressure	Max. Flow	Inlet	Item No.
Brass	3650 psi	5.5 gpm	1/4" NPT	1MDJ4
Stainless Steel Fan Spray	7250 psi	7.6 gpm	1/4" NPT	1MDJ5



Threaded Connector Coupler No. 1MDL1

Quick Connect Coupler No. 1MDG6

Quick-Connect Couplers and Plugs

GA GRAINGER APPROVED

Change sprayer nozzles without using tools. Quick-Connect Couplers Nos. 1MDG6 and 1MDG7 feature Viton O-rings. Brass, brass/stainless steel, and galvanized steel models have a max. pressure of 4000 psi. Stainless steel have a 6000 psi max. pressure. All have a max. temp.: 300°F.

Description	Material	Inlet Port (in.)	Outlet	Item No.
Quick Connect Couplers/Plugs				
Coupler	Brass/Stainless Steel	1/4" (F)NPT	1/4" (F) QC	1MDG6
		3/8" (F)NPT	3/8" (F) QC	1MDG7
	1/4" (F)NPT	1/4" (F) QC	5JKN6	
	1/4" (F)NPT	1/4" (M) QC	35Z909	
Coupler	Stainless Steel	1/4" (M)NPT	1/4" (F) QC	35Z907
		1/4" (M)NPT	1/4" (M) QC	35Z908
	3/8" (F)NPT	3/8" (F) QC	5JKN7	
	3/8" (M)NPT	3/8" (F) QC	5JKN8	
Plug	Galvanized Steel	1/4" (M)NPT	1/4" (M) QC	1MDG8
		3/8" (F)NPT	3/8" (M) QC	1MDH1
	3/8" (M)NPT	3/8" (M) QC	1MDG9	
	3/8" (F)NPT	3/8" (M) QC	5JKN5	
Plug	Stainless Steel	3/8" (M)NPT	3/8" (M) QC	5JKN4
		3/8" (M)NPT	3/8" (M) QC	20JZ19
Ball Quick Coupler, 3/8" (M)NPT, 4000 psi				
Threaded Connect Couplers/Plugs				
Coupler	Brass	1/4" (F) x 22mm	22mm x 1 1/2" (F) QC	1MDL1
		1/4" (M) x 22mm	22mm x 1 1/2" (F) QC	1MDL2
		3/8" (F) x 22mm	22mm x 1 1/2" (F) QC	1MDL4
		3/8" (M) x 22mm	22mm x 1 1/2" (F) QC	1MDL3
Plug	Brass	1/4" (F) x 22mm	22mm x 1 1/2" (M) QC	1MDL5
		1/4" (M) x 22mm	22mm	1MDL6
		3/8" (F) x 22mm	22mm x 1 1/2" (M) QC	1MDL7
		3/8" (M) x 22mm	22mm x 1 1/2" (M) QC	1MDL8

Remove Watermark Now



Adjustable Pressure Regulator

Can be used with a universal gas pressure washer to convert it into a variable pressure washer. Pressure can be adjusted right from the wand; from 1000 psi to a max. of 4500 psi (dependent upon the machine being used).



Max. Flow	Max. Pressure	Max. Fluid Temp.	Inlet	Item No.
4.0 gpm	4500 psi	140°F	M22	34FW17

Spray Nozzles



1/4" MALE QUICK-CONNECT NOZZLES

- Max. pressure: 5000 psi
- Max. fluid temperature: 200°F
- 1-pc., hardened stainless steel is resistant to most chemicals.

Package includes 1 each of these high-pressure nozzles with color-coded plastic caps: 0° (red), 15° (yellow), 25°

Nozzle Size	GPM @ psi										1/4" MALE QUICK CONNECT		1/4" MALE NPT	
	800	1000	1500	2000	2500	3000	3500	4000	5000	Item No.	Item No.	Item No.	Item No.	
3	1.34	1.50	1.84	2.12	2.37	2.60	2.81	3.00	3.35	1MDF6	—	—	—	
3.5	1.57	1.75	2.14	2.47	2.77	3.03	3.27	3.50	3.91	1MDF7	1MDH2	1MDH8	1MDF8	
4	1.79	2.00	2.45	2.83	3.16	3.46	3.74	4.00	4.47	1MDF9	1MDF9	1MDF9	1MDF9	
4.5	2.01	2.25	2.76	3.18	3.56	3.90	4.21	4.50	5.03	1MDF1	1MDF1	1MDF1	1MDF1	
5	2.24	2.50	3.06	3.54	3.95	4.33	4.68	5.00	5.59	1MDF2	1MDF2	1MDF2	1MDF2	
5.5	2.46	2.75	3.37	3.89	4.35	4.76	5.14	5.50	6.15	1MDF3	1MDF3	1MDF3	1MDF3	
6.5	2.91	3.25	3.98	4.60	5.14	5.63	6.08	6.50	7.27	1MDF4	1MDF4	1MDF4	1MDF4	
7.5	3.35	3.75	4.59	5.30	5.93	6.50	7.02	7.50	8.39	—	1MDG4	1MDG4	1MDG4	
8	3.58	4.00	4.90	5.66	6.32	6.93	7.48	8.00	8.94	1MDF5	1MDG5	1MDG5	1MDH3	
15	6.71	7.5	9.19	10.61	11.86	12.99	14.03	15	16.77	1MDH5	1MDH5	1MDH5	1MDH5	
20	8.94	10	12.25	14.14	15.81	17.32	18.71	20	22.36	1MDH6	1MDH6	1MDH6	1MDH6	



Quick Connect Nozzles



NPT Nozzles



Nozzles and Filters

TURBO ROTARY SPRAY NOZZLES

Improve washer's efficiency and provide the blasting power of a 0° nozzle over a wide 20° cleaning stream area. Solid brass body with ceramic orifice. Rubber housing protects against impact. Max. fluid temp. is 195°F (200°F for Nos. 35XH58 and 35XH59). 1/4" (F)NPT inlet.

Note: The operation of the turbo nozzle may cause damage to the surface being sprayed. Test on a small area before using on intended application.

Max. Pressure	Nozzle Size	GPM @ psi										Item No.
		800	1000	1500	2000	2500	3000	3500	4000	5000		
Turbo Rotary Spray Nozzles												
3625 psi	4	1.79	2.02	2.52	2.93	3.3	3.59	3.89	—	—	—	1MD3 ✓
	5.5 to 6	2.46	2.77	3.48	4.1	4.56	5.04	5.44	—	—	—	1MD4 ✓
	7 to 7.5	3.13	3.55	4.4	5.14	5.75	6.3	6.83	—	—	—	1MD5 ✓
4000 psi	2.7	1.20	1.30	1.60	1.90	2.10	2.30	2.50	2.70	—	—	20JZ1 ✓
	3.3	1.50	1.60	2.00	2.30	2.50	2.80	3.00	3.30	—	—	20JZ2 ✓
	3.9	1.80	1.90	2.40	2.70	3.00	3.30	3.60	3.90	—	—	20JZ3 ✓
5075 psi	4	1.79	2.02	2.52	2.93	3.3	3.59	3.89	4.17	4.39	—	1MD6 ✓
	5.5	2.46	2.77	3.48	4.1	4.56	5.04	5.44	5.84	6.17	—	1MD7 ✓
4500 psi	6.5	3.13	3.19	4.03	4.7	5.3	5.86	6.31	6.8	7.18	—	1MD8 ✓
5800 psi	10	4.4	5.0	6.1	7.0	7.9	8.6	9.3	10.0	11.1	—	35HX58 ✓
6000 psi	12	5.3	6.0	7.3	8.4	9.4	10.3	11.2	12.0	13.4	—	35HX59 ✓
	3.5	4	4	4	4	4	4	4	4	4	—	5JKN1 ✓

Description	Max. Pressure	Max. Flow (gpm)	Material	Item No.
Specialty Nozzles				
Hi/Low Nozzle Holder	3650 psi	7.8	Brass	1MDJ2 ✓
Change Over Nozzle	2900 psi	8.0	Nickel-Plated Brass	1MDJ3 ✓
Long Range Fan and Soap Spray Nozzle	4000 psi	—	Brass/Plastic	5RCC4



Turbo Rotary Spray Nozzle No. 1MD4



Hi/Low Nozzle Holder No. 1MDJ2

SPECIALTY NOZZLES

No physical nozzle change necessary between high pressure and soap nozzles. Max. fluid temp. is 300°F; inlet and outlet ports are 1/4" (F). No. 5RCC4 Long-Range Soap Nozzle quick connects to pressure washer wand and projects chemicals 15 to 20 ft. Adjusts from fan spray to stream. No assembly required.

TURBO NOZZLE INLET FILTERS

Filters prevent turbo nozzles from clogging by trapping fine debris particles. Install easily between the end of the lance and turbo nozzle. Max. flow is 8 gpm; max. fluid temp. is 200°F. No. 5JKN1 is for use with No. 5JKN3, and includes filler and quick connect.

Inlet	Max. Pressure	Max. Flow	Material	Item No.
Turbo Nozzle Inlet Filters				
5000 psi	—	1/4" (F)NPT	Brass/Stainless Steel	1MDK6
5000 psi	—	1/4" Quick-Connect Plug	Brass/Stainless Steel	1MDK7
Pressure Switch				
1/4" NPT	4060 psi	—	Plastic, Brass, Stainless Steel	35HX51 ✓
3/8" NPT	4060 psi	—	Plastic, Brass, Stainless Steel	35HX52 ✓
Flow Switch				
3/8" NPT	5660 psi	8 gpm	Plastic, Brass, Steel	35HX53 ✓
3/8" NPT	5660 psi	8 gpm	Plastic, Brass, Steel	35HX54 ✓
Swivel				
3/8" NPT	4060	12 gpm	Stainless Steel	35HX55 ✓
3/8" NPT	4500 psi	8 gpm	Stainless Steel	35HX56 ✓
3/8" NPT	4500 psi	8 gpm	Brass	35HX57 ✓

Sewer Cleaning Pressure Washer Accessories



Use to convert pressure washers to jetting machines, or to clean sewer drain lines.

SEWER HOSE

Flexible hose for use with sewer nozzles. Max. temp.: 160°F.

PUMP DISABLER VALVES

Jetter valves convert standard triplex plunger pumps into sewer cleaning pumps. Disabler pulse valves have adjustable levers to change pump to either configuration by turning the handle on the valve.



1/4 Thread Sewer Nozzle



1/4 Thread Rotating Sewer Nozzle

SEWER AND ROTATING NOZZLES

Stainless steel, bull-nose nozzle slides easily into drain pipes and sewer lines to flush debris or clear frozen pipes while attached to sewer hose.

FOOT-ACTUATED VALVES

Foot-controlled valves allow both hands to be free to control the sewer hose. 1/4" FNPT outlet.



Pump Disabler Valve

Nozzle Size	GPM @ psi										Item No.
	800	1000	1500	2000	2500	3000	3500	4000			
1/4" (F) Inlet Port Sewer Nozzles											
4.5	2.01	2.25	2.76	3.18	3.56	3.9	4.21	4.5	—	—	3ANT9
5.5	2.46	2.75	3.37	3.89	4.35	4.76	5.14	5.5	—	—	3ANU1
6.5	2.91	3.25	3.98	4.6	5.14	5.63	6.08	6.5	—	—	3ANU2
3/8" (F) Inlet Port Sewer Nozzles											
4	1.79	2	2.45	2.83	3.16	3.46	3.74	4	—	—	3ANU3 ✓
5.5	2.46	2.75	3.37	3.89	4.35	4.76	5.14	5.5	—	—	3ANU4 ✓
6.5	2.91	3.25	3.98	4.6	5.14	5.63	6.08	6.5	—	—	3ANU5 ✓
8.5	3.8	4.25	5.21	6.01	6.72	7.36	7.95	8.5	—	—	3ANU6 ✓
12	5.37	6	7.35	8.49	9.49	10.39	11.22	12	—	—	3ANU7 ✓
1/4" (F) Inlet Port Rotating Sewer Nozzles											
4.5	2.01	2.25	2.76	3.18	3.56	3.9	4.21	4.5	—	—	3ANU8 ✓
6	2.68	3	3.67	4.24	4.74	5.2	5.61	6	—	—	3ANU9 ✓
3/8" (F) Inlet Port Rotating Sewer Nozzles											
4.5	2.01	2.25	2.76	3.18	3.56	3.9	4.21	4.5	—	—	3ANV1 ✓
5	2.24	2.5	3.06	3.54	3.95	4.33	4.68	5	—	—	3ANV2 ✓
8.5	3.8	4.25	5.21	6.01	6.72	7.36	7.95	8.5	—	—	3ANV3 ✓

Sewer Hose	Inside Dia.	Max. Pressure	Hose Length	Item No.
	1/4"	4400 psi	50 ft.	3ANV6 ✓
	1/4"	4400 psi	100 ft.	3ANV7 ✓
	3/8"	4000 psi	100 ft.	3ANV8 ✓
	3/8"	4000 psi	200 ft.	3ANV9 ✓
Foot-Actuated Sewer Valves				
		Max. Pressure	Max. Flow	Max. Fluid Temp.
		3000 psi	8.00 gpm	320°F
		5000 psi	12.00 gpm	300°F
Pump Valve Disablers				
	Max. Pressure	Dim.	For Use With	Item No.
3000 psi	1 1/4" W x 3 1/4" L	Mfr No. GC-2503-OME1, GC-3004-OME1, GC-3003-OMHB, GC-3003-OMRB, GH-2403-OGAH, Annovi Reverberi XT, XM Series Pumps		3ANW1 ✓
4000 psi	1 1/4" W x 3 1/4" L	Mfr No. GH-3004-OEGH, Annovi Reverberi RK Series Pumps		3ANW2 ✓
4000 psi	1 1/2" W x 3 3/4" L	Annovi Reverberi XW Series Pumps		3ANW3 ✓

Remove Watermark Now



No. 1MDJ8



Pressure Washer Chemicals

Designed for use in all types of pressure washers.



No. 3ANW4

Description	Size	Brand	Item No.
Crankcase Oil, SAE Grade 30	16 oz.	GA	1MDJ8
Pump Storage Freeze Guard Freeze Protectant	16 oz.	GA	1MDJ9
Simple Green® Deck and Fence Cleaner Concentrate	1 gal.	Simple Green	3ANW4
Simple Green® House and Siding Cleaner Concentrate	1 gal.	Simple Green	3ANW5
Simple Green® Concrete and Driveway Cleaner Concentrate	1 gal.	Simple Green	3ANW6
Simple Green® Heavy-Duty Cleaner and Degreaser Concentrate	1 gal.	Simple Green	3ANW7



No. 1MDK4



Water Brooms

Rust-resistant brooms provide a wide cleaning path for fast and easy cleaning. Units hook up to pressure washer spray gun lance with a standard 1/4" quick disconnect plug.

Description	W	Max. Operating Pressure	Item No.
3-Nozzle	12"	4000 psi	1MDK4 ✓
4-Nozzle	16"	4000 psi	1MDK5 ✓



No. 3WE19



Pressure Washer Hose Reels

Jumper hose connects to outlet of machine, and universal mounting bracket fits most brands of hot water pressure washers. No. 1MDK1 features a bolt-on design.

Max. Pressure	Hose Cap.	Dimensions			Item No.
		L	W	H	
3000 psi	100 ft.	13 1/2"	18"	17"	1MDK1 ✓
5000 psi	150 ft.	32"	17 1/2"	20"	3WE19 ✓
5000 psi	250 ft.	18"	18"	18"	5RC7 ✓



No. 22KD99

Pressure Washer Hoses

2600 psi models have a textile braid reinforcement, and RMA Class B oil resistance. 3000 to 4500 psi models have a wire braid reinforcement, and RMA Class A oil resistance.



No. 22KE01

YELLOW, NITRILE

Stainless steel wire braid reinforcement for protection against oil and animal fat. RMA Class A oil resistance and 4:1 safety factor.

Inside Dia. (in.)	Hose Length	Max. Pressure	Fitting Size*	Max. Temp.	Item No.
Speedaire, Black, PVC					
1/4"	25 ft.	2600 psi	M22 Female x M22 Female	140°F	22KD99 ✓
	25 ft.	2600 psi	1/4" (F)NPT x M22 Female	140°F	22KD97 ✓
	25 ft.	2600 psi	1/4" MBSP x M22 Female	140°F	22KD98 ✓
Speedaire, Black, Nitrile					
5/16"	25 ft.	3500 psi	M22 Female x M22 Female	250°F	22KE04 ✓
	50 ft.	3500 psi		250°F	22KE05 ✓
	30 ft.	3000 psi		250°F	22KE01 ✓
3/8"	50 ft.	3000 psi	3/8" (M)NPT x 3/8" (M)NPT S	250°F	22KE02 ✓
	50 ft.	3000 psi		250°F	22KE06 ✓
	100 ft.	3000 psi		250°F	22KE03 ✓
Yellow, Nitrile					
3/8"	15 ft.	3000 psi	3/8" (M)NPT x 3/8" (M)NPT S	250°F	1DKL9 ✓
	25 ft.	3000 psi		250°F	1DKN1 ✓
	50 ft.	1500 psi		250°F	1DKN4 ✓
1/2"	50 ft.	3000 psi	1/2" (M)NPT x 1/2" (M)NPT S	250°F	1DKN2 ✓
	100 ft.	1500 psi		250°F	1DKN5 ✓
	50 ft.	3000 psi		250°F	1DKN3 ✓
Blue, Nitrile					
1/4"	50 ft.	3000 psi	1/4" (M)NPT x 1/4" (M)NPT S	250°F	3JT38 ✓
	100 ft.	3000 psi		250°F	3JT37 ✓
	50 ft.	3000 psi		250°F	3JT40 ✓
3/8"	100 ft.	3000 psi	3/8" (M)NPT x 3/8" (M)NPT S	250°F	3JT39 ✓
Black, Nitrile					
1/4"	25 ft.	1500 psi	1/4" (M)NPT x 1/4" (M)NPT S	200°F	2P768 ✓
	30 ft.	3000 psi		250°F	2P763 ✓



No. 20KR12



High-Speed Rotary Surface Cleaners

Suited for decks, patios, sidewalks, driveways, pool decks, and parking lots. No. 20KR12 includes 2-pc. extension wand and adaptor. No. 3WB98 includes trigger gun with (2) 4 1/2" nozzles and pneumatic tires. No. 1MDH9 includes tilt handle.



No. 36RM51

Cleaning Path	Max. Operating Pressure	Flow Rate	Housing Material	Brand	Item No.
Cleaners					
12"	2650	2.5 gpm	ABS Plastic	Karcher	20KR12 ✓
14"	4000 psi	3 to 8 gpm	Polypropylene	A.R. North America	45NA06 ✓
20"	4000 psi	3 to 8 gpm	Stainless Steel	A.R. North America	1MDH9 ✓
28"	4000 psi	3 to 10 gpm	Aluminum	Mi-T-M	3WB98 ✓
Cleaner w/ Pressure Washer					
20"	2500 psi	3.5 gpm	Polypropylene	Dayton	36RM51 ✓
24"	4000 psi	4 gpm	Stainless Steel	Dayton	36RM52 ✓



No. 45TP60



Pressure Washer Pump Savers

Unique anti-freeze and lubricant formula. Protects pistons and seals from damage during storage. For use before extended storage and before startup the next season.

Size	Max. Pressure	Max. Fluid Temp.	Inlet	Item No.
4 oz.	0.10 psi	122°F	3/8" NPT	45TP60
10 oz.				45TP61

BLUE AND BLACK, NITRILE

1500 psi models have a textile braid reinforcement. 3000, 4500, and 6000 psi models have a wire braid reinforcement. Blue hoses are nonmarking and abrasion resistant. RMA Class B oil resistance and 4:1 safety factor.

FOOD GRADE

Single wire braid reinforcement. Resists oil, abrasion, and animal fats. Outside cover has Microban® antimicrobial protection. 4:1 safety factor.

Inside Dia. (in.)	Hose Length	Max. Pressure	Fitting Size*	Max. Temp.	Item No.	
3/8"	30 ft.	1500 psi	3/8" (M)NPT x 3/8" (M)NPT S	200°F	2P769 ✓	
	30 ft.	3000 psi		250°F	2P764 ✓	
	50 ft.	1500 psi		200°F	3JT35 ✓	
1/2"	50 ft.	3000 psi	1/2" (M)NPT x 1/2" (M)NPT S	250°F	2P765 ✓	
	50 ft.	4500 psi		250°F	3JT42 ✓	
	100 ft.	3000 psi		250°F	3JT36 ✓	
3/4"	100 ft.	4500 psi	3/4" (M)NPT x 3/4" (M)NPT S	250°F	3JT41 ✓	
	Black, Synthetic Rubber					
	3/8"	50 ft.		6000 psi	3/8" (M)NPT x 3/8" (M)NPT Swivel	250°F
100 ft.		6000 psi	3/8" (M)NPT x 3/8" (M)NPT S	250°F	12LH5 ✓	
Bulk Hose without Fittings, Black, Synthetic Rubber						
1/4"	500 ft.	3000 psi	No Fittings	250°F	12LH6 ✓	
	500 ft.	3000 psi		250°F	12LH7 ✓	
	500 ft.	3000 psi		250°F	12LH8 ✓	
Yellow, with Antimicrobial, 3000 psi, -20 to 250°F						
3/8"	50	3000	3/8" (M)NPT x 3/8" (M)NPT S	-20 to 250	12LT8 ✓	
	100	3000		-20 to 250	12LT9 ✓	
Steam Cleaner/Pressure Washer, Black						
3/8"	30 ft.	3000 psi	3/8" (M)NPT x 3/8" (M)NPT	325°F	2P766 ✓	
	50 ft.	3000 psi		325°F	2P767 ✓	
	100 ft.	3000 psi		325°F	3JT43 ✓	
1/2"	30 ft.	2500 psi	1/2" (M)NPT x 1/2" (M)NPT	325°F	4KT64 ✓	
	50 ft.	2500 psi		325°F	4KT65 ✓	
	100 ft.	2500 psi		325°F	4KT63 ✓	



STEAM CLEANER/ PRESSURE WASHER

Single wire braid reinforcement. For steam cleaners or combination steam cleaners/pressure washers. Max. temp.: 325°F. Handles hot water up to 250°F at 3000 psi (2500 psi on 1/2"), or steam up to 325°F at 350 psi. 4:1 safety factor.