

GEYSER

Pressure Washer

New Geyser GT Pressure Washer Series



Pressure Washers



How to Buy a Pressure Washer

NAPA's guide to help you purchase the best pressure washer for your needs!

With the hundreds, even thousands, of pressure washers on the market today, we know it can be difficult to select the unit that best meets your needs. That's why we at NAPA have put together this Buyer's Guide. This guide answers the questions about pressure washers that we most often field from our customers. If you have any additional questions about pressure washers or a specific unit, be sure to contact your local NAPA Store.

What 's most important: HP, PSI or GPM?

First of all, it's important to understand what each of these acronyms means. HP stands for horsepower, PSI for pounds per square inch and GPM for gallons per minute. The HP of a pressure washer is divided up to produce both the pressure at which the water is released (PSI) and the number of gallons that are released (GPM). For example, a 2 HP motor can produce 2.1 GPM at 1600 PSI or it can produce 3.0 GPM at 1100 PSI. Cleaning power is a function of both volume and pressure.

Size does matter.

When selecting a pressure washer, first determine the minimum PSI you need to break the bond between the dirt and the surface you are cleaning. The chart on this page can help you, or you may wish to contact your dealer if you need help. After selecting a pressure washer with at least that PSI level, look at the GPM rate. The higher the GPM, the faster your cleaning job will be. That's because once you have the necessary pressure to remove the dirt and grime, the only way to make your job faster is to increase the rate at which water is released. Lower the cleaning pressure capacity of a larger washer simply by changing spray nozzles or using a variable pressure wand. You can not make a smaller washer bigger. Horsepower is horsepower; a 2 HP motor can not pump over its capacity. Always buy a unit big enough for your needs. Buying a unit that does not have adequate cleaning power will cost you extra clean-up time and repairs in the future.

Minimum PSI Needed for Various Applications	
Cars and SUVs	1500+ PSI
Industrial applications	1500+ PSI
Trucks, trailers, tractors, combines, silage choppers, cotton pickers	1800+ PSI
Decks, fences, siding	2000+ PSI
Livestock shelters	3000 PSI
Large surfaces such as driveways, patios	3000 PSI

What are units of cleaning power?

The measurement units of cleaning power is an easy way to rate pressure washers. To determine the units of cleaning power for a machine, multiply the PSI by the GPM (PSI x GPM). This calculation helps you compare different pressure washers, to determine which one is most powerful. The higher the number, the more powerful the pressure washer. For example, let's say you are considering one washer with 2 GPM and 3000 PSI and another washer with 4 GPM and 2000 PSI. Which is better? The units of cleaning power on the first washer are 6,000, while the second unit has 8,000 cleaning units. The second machine is more powerful and will likely be the best choice for your needs.

Units of Cleaning Power		
GPM	PSI	Units of Cleaning Power
2.0	1600	3,200
3.0	1100	3,300
3.0	2000	6,000
4.0	1800	7,200
4.0	3000	12,000
4.8	1800	8,640
5.0	3000	15,000



Model shown:
81-GT 445

Is there a difference in pressure washer brands?

In the pressure washer industry certain components may be similar between brands but you should always make sure to select a brand that is easily serviced. Consider where the manufacturer is located; U.S. manufacturers make for more accessible parts delivery and better maintenance. The manufacturer and dealer's experience may also reflect what kind of service you can expect down the road. Above all, buy a pressure washer that will work efficiently in your specific situation.



Model shown:
81-GT 445

Do I want a gas or electric pressure washer?

Gasoline engines are best when you need a portable unit. Since electric motors are quiet and emit no exhaust, they are ideal for indoor use. With the NAPA Geyser GT trailer mount you can conveniently carry water along with you.

What's the difference between belt drive and direct drive?

The drive refers to how the pump is connected to the power source, such as a gasoline engine or an electric motor. Direct drive means that the pump is connected directly to that source, while a belt drive unit transfers energy from the power source to the pump along an intermediate belt.

Direct drive pumps are more compact and typically cost less than belt drive pumps. The connected power source and higher RPM generate heat, shortening the life of directly-driven pumps. Excessive vibration, a problem with the direct drive, can also cause a shorter life. And with direct drive, any damage or stress on the power source also damages the pump.

With belt drive, the pump is separated from the motor, protecting the pump from added stress and heat, extending the life of the unit. Belt drive pumps also generally operate at a lower RPM, causing less heat build-up which further protects the pump.

Should I buy a hot water or cold water pressure washer?

It always depends on what you are cleaning and how fast you want to get the job done. If you need to clean grease or oil, hot water will do a better job of breaking down the grime. Hot water can decrease cleaning time and help detergents and chemical cleaners work better. They also sanitize in areas where bacteria is a problem.

Hot water power washers typically do cost more. Hot water units heat the water using a heating coil, and this component is complex. Make sure the coil on the unit has at least 1/2" inner diameter; a narrower coil could become lined with build-up, reducing the pressure of the machine. The coil should also be spiral wound with even spacing to prevent soot build up, which interferes with combustion.

On Geyser GT pressure washers, the coil actually forms the combustion chamber, so there is no troublesome insulation. The even coil spirals also allow adequate air flow, improving combustion and fuel efficiency.

Should I buy a portable or stationary unit?

This depends on your needs. If your dirt is confined to one room, a stationary unit might be best. However, if your stationary unit is permanently installed, service and repairs can be more expensive since the technician will need to travel to your location. A portable unit is convenient, especially if you have multiple areas to clean. Pay close attention to the tires on a portable unit. Make sure they are well lubricated and roll easily. Also make certain the unit is not top heavy; a top heavy unit can be dangerous for an operator to transport.

What safety features should I look for?

A number of features will make your pressure washing equipment safer and easier to operate.



A **safety relief valve** on hot water units. This valve should be mounted between the pump and the coil inlet, not on the coil outlet. Valves mounted on the outlet will spray dangerous hot water in an emergency.

Automatic shut-off switch. This turns the heat source off if it receives an insufficient flow of water.

Float tank/anti-siphon device protects water sources from contamination.

Trigger gun increases operator safety.

Thermostat regulates heat.

Cool TouchCoil



Model shown:
81-GT 325



New Geyser GT Pressure Washer Series

Model #	Description	PSI	GPM	Motor	Amps	Pump Drive	Dimensions L" x W" x H"	Weight lbs.
81-GT 214	Hot Water, Portable 4 Wheel	1500	2	Elect. 2.3 HP - 115 V	20	Direct	40 x 30 x 42	400
81-GT 320	Hot Water, Portable 4 Wheel	2000	3	Elect. 4 HP - 230 V	19	Direct	40 x 30 x 42	440
81-GT 324	Hot Water, Portable 4 Wheel	2400	3	Elect. 5 HP - 230 V	21	Direct	40 x 30 x 42	450
81-GT 3524	Hot Water, Portable 4 Wheel	2400	3.5	Elect. 6 HP-230 V	25	Direct	46 x 34 x 46	490
81-GT 325	Hot Water, Portable 4 Wheel	2300	2.9	Gas- 6.5 HP Vanguard	N/A	Direct	40 x 30 x 42	550
81-GT3030	Hot Water, Portable 4 Wheel	3000	3	Gas - 9 HP Vanguard	N/A	Direct	46 x 33 x 46	540
81-GT 445	Hot Water, Skid Unit for Trailer	4000	4	Gas- 18 HP Vanguard	N/A	Belt	36 x 34 x 38	760
81-GT 535	Hot Water, Skid Unit for Trailer	3000	4.8	Gas- 18 HP Vanguard	N/A	Belt	36 x 34 x 44	760
81-GT 600	Geyser GT Trailer: Hot Water, 200 Gallon Tank, 2 hose reels, 2" ball coupler, swing up jack, oval steel fenders, 15" wheels, DOT approved running lights. Does not include hot water pw skid unit - add GT 445 or GT 535.							950
81-GT3540	Hot Water, Portable 4 Wheel	4000	3.5	Gas 18 HP Vanguard ES	N/A	Direct	46 x 34 x 46	550
81-GT4040	Hot Water, Portable 4 Wheel	4000	4	Gas 14 HP Kohler	N/A	Direct	46 x 32 x 48	575
81-GT535D	Hot Water, Skid Unit	3500	5.2	26 HP Kohler Diesel ES	N/A	Belt	54 x 54 x 46	1100
81-CW3530H	Cold Water, Portable 2 Wheel Tall Frame	3000	3.5	Gas - GX270 Honda	N/A	Direct	38 x 24.5 x 39	220
81-CW3540H	Cold Water, Portable 2 Wheel Tall Frame	3500	4	Gas - GX390 Honda	N/A	Direct	38 x 24.5 x 39	240
81-CW4030K	Cold Water, Portable 2 Wheel Tall Frame	3000	4	Gas - 14 HP Kohler	N/A	Direct	38 x 24.5 x 39	220
81-216000	Cold Water, Portable 2 Wheel Roll Cage	4000	4	Gas - 18 HP Vanguard ES	N/A	Belt	49 x 29.5 x 35	435
81-22500K	Cold Water, Portable 2 Wheel Roll Cage	5000	5	Gas- GX690 Honda ES	N/A	Belt	49 x 32 x 35	445
81-WM2015	Cold Water, Wall Mount	1500	2	Elect - 2.3 HP - 115 V	20	Direct	29 x 20 x 24	90
81-WM3020	Cold Water, Wall Mount	2000	3	Elect - 4 HP - 230 V	20	Direct	29 x 20 x 24	90
81-MW 325	Cold Water Trailer - includes washer, 100 Gallon Tank, Hose Reel, running lights, 2" ball receiver, 15" wheels	2000	3	Gas - 5.5 GX160 Honda	N/A	Direct	120 x 72	615
81-MW 435		3000	4	Gas - 11 GX390 Honda	N/A	Direct	120 x 72	690

Feature	Benefit
Cold Water helicoil design	High efficiency coil provides less sooting and better fuel efficiency for lower operating costs
Cool Touch Coil	No Hot Spots on outside of coil wrapper providing operator safety
Industrial triplex pump with ceramic plungers	Provides long life with low maintenance cost
Heavy gauge steel construction	Prevents early rust-outs results in long life
Soft Dampening System	Protection for coil and high pressure components
Replaceable fuel filter w/ clear container	Ease of maintenance, lower overall operating costs
Safety Relief Valve	Better pump & Coil protection for operator safety
Winterizing Valve	For pump & coil freeze protection in winter
Unique engineered designed location of all major components with easy access	Significant reduction in labor time for repairs- overall lower ownership costs
5 Year Pro-rated Warranty on heating coil	Best warranty in the industry, guarantees the unit is made for long lasting heavy duty use
Backed by over 200 U.S. Service Centers	Quicker convenient service response time
Over 40 years experience in manufacturing pressure washers is the USA	Manufactured by one of the oldest, most dependable companies in the Industry
All units are proudly manufacture in USA with quality components	When you purchase domestically, you are helping to sustain and strength our economy for generations to come.



81-MW 325



81-CW3530H



81-22500K

