

2020



The **25-HP** WHERE POWER MEETS PERFORMANCE
PUMP STATION

HIGH IMPACT WATER SUPPLY

Cleaner. Faster.

25-HP Pump Station

HIGH-IMPACT PRESSURE

A High-Quality Pump Station to protect your car wash investment. Corrosion resistant materials, built in safety mechanisms, and multiple options for pump station layouts so you can clean up your car wash equipment room while you clean cars.

If you need a high-impact pump with minimum maintenance requirements, Petit's got you covered with their 25-HP Pump Station. Get high-pressure cleaning while investing in quality materials.

extended life belt system will provide years of service without any adjustments and the simple single-point tensioning system allows for quick and easy belt tension correction.

A pump station appears to be a relatively simple piece of equipment – a tank, pump, and motor. However, all pump stations are not created equal and, as is the case with everything we build at Petit, our pump station is built with high-caliber materials and robust features, thoughtfully engineered into an easy to maintain package.

Since equipment rooms frequently get wet, our pump station frames are built from aluminium and are powder-coated so they will never rust or corrode. We use enclosed fan cooled (TEFC) motors rather than the less expensive open drip-proof (ODP) motors found on most manufacturers' equipment. Additionally, our pumps are supplied by industry leader Cat Pumps with Wanner Hydra-Cell pumps available as an alternative.

Pumps are gravity fed from the reservoir tank and packed with noise-reducing features for quieter operation. Pulsation dampeners extend hose and pump life while reducing noise. Unchecked machine vibration can accelerate rates of wear, so our pump station includes vibration-dampening levelling feet and Lexan belt guards. The

These pump stations are powerful machines designed and built to the five-star aeronautic engineering Petit is known for - because we don't settle for good. We turn "good" into "better".

QUALITY MATERIALS
CAT Pumps, TEFC Motors, corrosion proof pump frame, Lexan belt guards, and superior Petit engineering.

EXTENDED LIFE BELT SYSTEM
Years of service without any adjustments and the simple single-point tensioning system allows for quick and easy belt tension correction.

STABILIZED WATER PRESSURE
Flow regulators smooth out pressure swings that occur in the building's water supply and help prevent water starvation of critical cleaning equipment.



LEARN MORE:
WWW.PETITAUTOWASH.COM



TOP HP PUMP



Questions? For the most up-to-date info, please give us a call with your wash questions.

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PETIT 25-HP PUMP STATION

Technical information

Speed+Power. PUMP STATION
TECH INFORMATION & DATA

Our pump station is built with a compact design to save you space in your equipment room. All parts of the design are thoughtfully constructed - even the negative spaces. We wanted to make sure that there was enough room for quick and easy servicing of all components if the need arises that you need to get to something. With space in mind, we also designed a stackable version of the pump station. Get two pumps in one footprint for equipment rooms that are especially tight (see pages 9 and 10 for examples of our stacked Pump Station).

EASY MAINTENANCE FEATURES
 Ask for your Pump Station to arrive with caster wheels for an easy and smooth installation.

PUMP STATION DIMENSIONS:

DIMENSION	FEET / INCHES
WIDTH	30"
DEPTH	39"
HEIGHT	77"

STACKED PUMP DIMENSIONS

DIMENSION	FEET / INCHES
WIDTH	30"
DEPTH	39"
HEIGHT	117"

* Include an additional 15" of space above the tank for maintenance purposes.

* Height increases to 119" with the R.O. Reject Reclaim Kit Upgrade.

25-HP PUMP POWER:

AMPS	VOLT 3 - PHASE
65 AMPS	208 V
60 AMPS	230 V
30 AMPS	460 V

* Two Required for Dual-Pump.



SYSTEM BENEFITS:

- † Innovative design reduces maintenance and extends the lifespan of critical components: pump, motor, belts, and hoses.
- † Reduces problems due to pressure swings in the building water supply
- † Saves water with the optional R.O. reject water recovery system

PUMP STATION FEATURES:

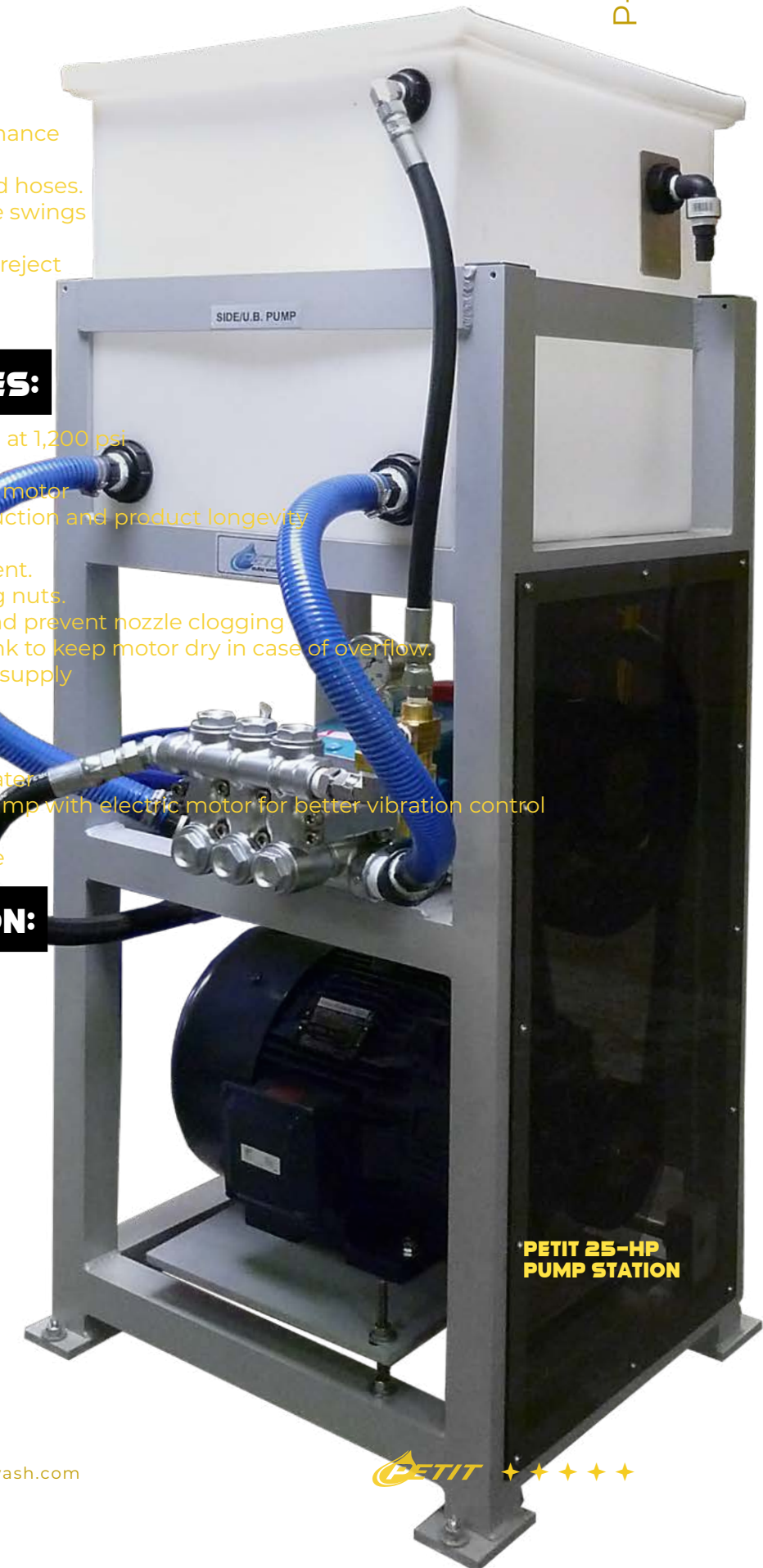
- † Cat 3535 Pump capable of 36 gpm at 1,200 psi
- † See-through Lexan belt guard
- † Totally enclosed fan cooled (TEFC) motor
- † Pulsation dampener for noise reduction and product longevity
- † Fill tank flow regulator
- † Single-point belt tension adjustment.
- † Easy levelling features with locking nuts.
- † In-line strainer to protect pump and prevent nozzle clogging
- † Overflow manifold mounted to tank to keep motor dry in case of overflow.
- † High-pressure equipment system supply
- † Output capacity of up to 35 GPM
- † 50 U.S. gallon water capacity
- † Low water level sensor
- † Operates with fresh or recycled water
- † Separate structure for tank and pump with electric motor for better vibration control
- † Corrosive-proof float valve
- † Requires minimal backroom space

TECHNICAL INFORMATION:

- † Pump Dimensions: 30" wide x 39" deep x 75" high
- † Stacked Pump = 30" wide x 39" deep x 117" high
- † 25-HP Pump Power: 65/60/30 Amps @ 208/230/460 Volt 3-phase (two pumps required for dual-pump version)

OPTIONAL FEATURES:

- † R.O. reject water recovery system
- † Wanner Hydra-Cell pump
- † Stackable configuration
- † Caster Wheels



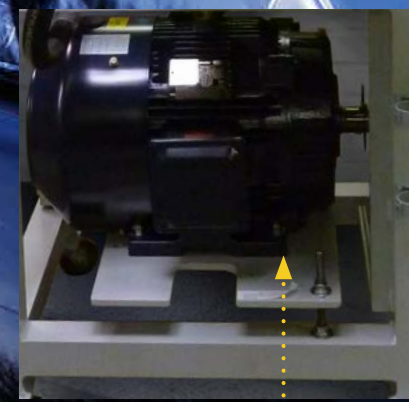


Standard features

Standard. 25-HP PUMP STATION EXCEPTIONAL ENGINEERING

QUALITY COMPONENTS

To keep your car wash running smoothly, we use quality materials in our Pump Stations. Equipment rooms get wet so our pump station frames are built from aluminium. For an extra barrier from the elements, we powder coat the frames so they will never rust or corrode. We use CAT Pumps and Totally Enclosed Fan-Cooled (TEFC) motors rather than the less expensive Open Drip Proof (ODP) motors.



IN-BAY OR TUNNEL

Petit's pump station works with both in-bay and tunnel automatic car wash systems. We know every car wash operator has a unique system. We want to help you get the best out of yours.

RELIABLE WATER PRESSURE

We want to make sure your cleaning is consistent and reliable. The 25-HP Pump Station includes multiple flow restrictors prevent large drops in pressure in the incoming water supply so you can keep your car wash cleaning.

VIBRATION-DAMPENING TECHNOLOGY

Pulsation dampeners are standard equipment and we incorporated them into our pump stations to extend hose and pump life while also reducing noise. For further noise reduction, our pump stations come with vibration-dampening levelling feet and Lexan belt guards. The extended life belt system will provide years of service without any adjustments and the simple single-point tensioning system allows for quick and easy belt tension correction.

What Makes this a **GREAT Car Wash Pump?**
SUPERIOR. ENGINEERING.

+++++ **PETIT**
Optional features

PETIT 25-HP PUMP STATION WITH RO REJECT RECLAIM KIT

Options.

25-HP PUMP STATION

MAKE A GREAT PUMP EVEN BETTER



GET MORE **POWER** IN A SMALL **SPACE**
Stack your pump stations to save on valuable space in your equipment room.

PUMP UPGRADES
Wanner Hydra-Cell pump features a seal-less design and check valves that can handle abrasives and particulates. Simple, compact design reduces maintenance and energy costs.

STACKED PUMP STATIONS
Stackable configuration
Our pump station is built with a compact design to save space in your equipment room. Get a stackable pump station to save even more space. The stackable configuration puts two pumps in one footprint and helps utilize space in equipment rooms that are especially tight

RO REJECT RECLAIM KIT SAVES WATER
20-50% of the Reverse Osmosis (RO) feed water volume is a by-product of the RO process. Upgrade your pump and install Petit's RO Reject Water Recovery System so you start using your reject water in your car wash. Save on water volumes and save on wastewater disposal fees.

*See page 10 for stacked Pump Station layout

*See example of RO Reject Water Recovery System on page 8



About Us.

PUMP STATION

FIFTY YEARS & COUNTING

1968 was a landmark year in innovation. Boeing unveiled the model 747, human beings orbited the moon for the first time, and Tom Petit, Sr. and Rita Petit opened their first car wash in Norton, Ohio. This was the beginning of what would become known as Petit's Auto Wash.

Car washing quickly became a family business. Tom Petit Jr., was just eight years old when he began working at the family's car wash. The years went by and as Tom and Rita opened up more car washes, their sons became more involved and very soon their family was fully dedicated to the car wash industry.

Eventually, Tom Jr. grew up and left the cozy car wash nest. He spent the next few years earning a Bachelor's Degree in aerospace technology, obtaining his Airline Transport Pilot rating, and working as a corporate pilot. As a pilot, he had time to spare between flights. Tom used this time to travel to different car washes and research car wash equipment. He liked the mental challenge. He liked to figure out how everything worked and how to make the best machines better. His boredom gave birth to some really great ideas and he combined these ideas with his aerospace engineering education to invent and innovate Tom Sr.'s car washes. Ideas turned into prototypes, prototypes into patents, and in 1989, the first of Tom

Jr.'s eight U.S. Patents were approved. He incorporated Petit Auto Wash and Tom Jr. began manufacturing car wash equipment.

It's been fifty years since the Petit family entered the car wash business. They are known for quality, durability, and hyper-advanced car wash equipment, but most of all they're known for excellence in technology. Petit's car wash customers are their biggest fans and Petit appreciates how they've helped them expand over the years. Their manufacturing facility has grown to include a multimillion-dollar inventory and Tom Jr.'s role in the car washing industry has grown as well. In addition to his current job as President of Petit Auto Wash, Inc. Tom Jr. has served as President of the Ohio Car Wash Association and on the International Car Wash Association's Market Research Committee.

Currently, Tom Jr. and his brother Dennis own and manage more than a dozen car washes in Northeast Ohio. Although the company has grown significantly over the last several decades, Petit continue to operate as a family business. They are very proud of their position in the car wash industry and of their equipment, their company, their employees, and their history. Petit would love to see you become part of it. Are you ready to become part of the Petit Auto Wash family? ✦



Blueprints.

25-HP PUMP STATION

GET THAT NEW CAR WASH SMELL

✦

50 YEARS

IN THE

CAR WASH INDUSTRY

We're the company that sped up the in-bay automatic and invented The Robot.

✦ 25-HP PUMP STATION SINGLE

✦ 25-HP PUMP STATION STACKED

LONGITUDINAL BRACE
2X2 ANGLE X 131"

174.75
14' 6 3/4"

PETIT

**SUPERIOR CLEAN.
SUPERIOR SPEED.
SUPERIOR PROFIT.**



**(330) 861-0760
PETITAUTOWASH.COM**