

SIMPLE PUMP™

Simple Pump Co. manufactures the most reliable well pumps that are machined from aerospace-grade, lead-free, stainless steel.

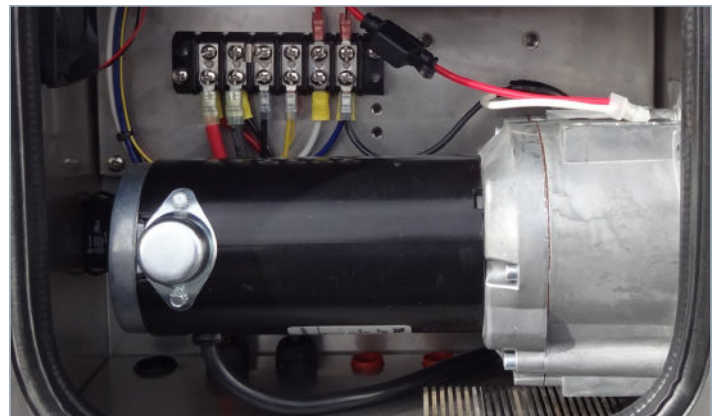
We were established in 1999 with a laser focus on customer service and the continuous improvement of our products, both in performance and quality.



Made in the USA.

FEATURES

- Safe Drinking Water Act compliant.
- Fits in almost all deep wells either alone in a 2-inch or 3-inch well or next to the submersible pump in 4-inch and larger wells.
- Can Pump into your pressure tank giving you full use of all your home's water taps and plumbing fixtures.
- Freeze proof option and operates reliably 24/7 in high wind and hard freeze temperatures.
- Can be easily converted from a hand pump to a motor operated pump or vice versa without the need to convert the entire pump system.
- Customized to meet your well specifications.
- Can be installed in a wide well or cistern with the use of our mounting plate adaptor.
- Standard connection to a 3/4" hose or 3/4" FNPT pipe.
- Requires little maintenance

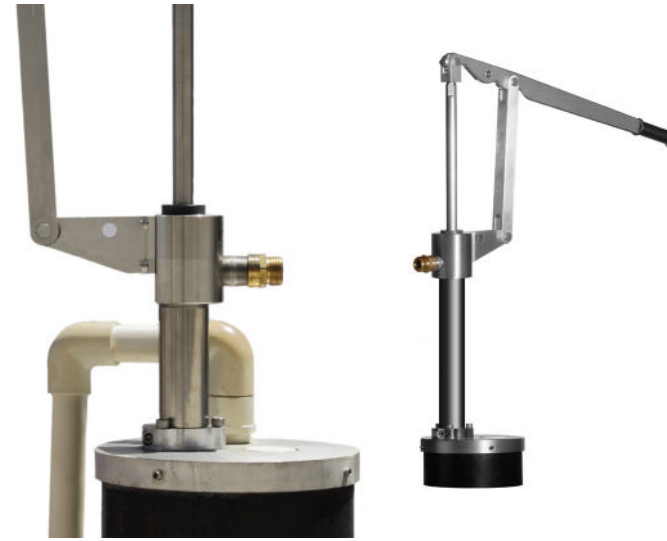


Receive a custom quote online through <https://simplepump.com>.

SIMPLE PUMP HAND OPERATED WATER PUMPS

Simple Pump's Deep Well Hand Pump is a piston rod pump that is machined from aerospace-grade, lead-free, stainless steel and can be used with static water levels depths of up to 325 vertical feet.

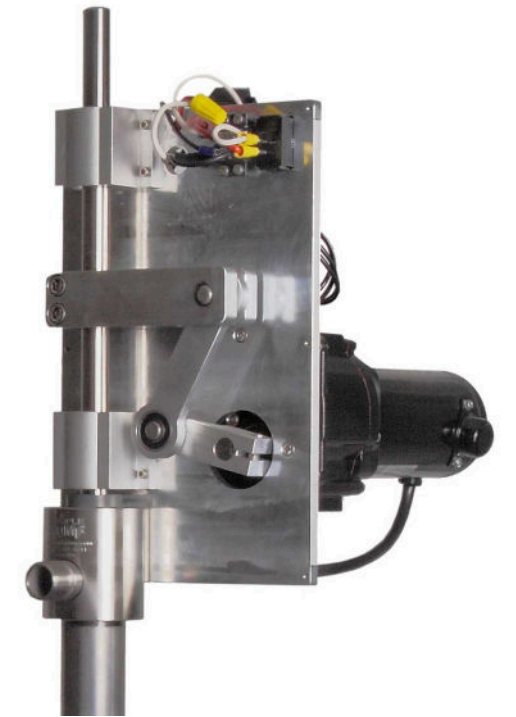
- Affordable
- Safe Water Drinking Act Compliant
- Made from aerospace-grade, lead-free, stainless steel
- Requires less pumping effort than competitor pumps at identical water levels as little as one quarter the pumping effort
- Lifetime Warranty against defective materials and workmanship.
- Designed to be interchangeable where the pump head can be quickly modified from a hand operated pump to a motor operated pump within a matter of minutes. This is a unique feature of the Simple Pump design.



SIMPLE PUMP MOTOR OPERATED WATER PUMPS

Simple Pump's Motor Operated Pumps are built on the Simple Pump piston rod pump system where the motor is added to the base water pump structure to provide an automated pumping system for your water well.

- Work with a DC power source or our solar power systems
- 12v and 24v DC motor options
- Can be powered with solar panels, a vehicle battery, a generator-fed battery, a solar generator, or an AC-DC converter.
- Added to the base hand pump as an extension of the high quality, reliable piston rod pump system.
- Indoor and Outdoor Configuration options



SIMPLE PUMP SHALLOW WELL SUCTION PUMPS

The Simple Pump suction pump is a shallow well pump that is one of the only hand-operated suction pumps that can pump into your pressure tank! With the ability to lift up to 25 feet of water you have the perfect backup pump to get the full use of your well water inside and outside your home.

- Install the suction pump on a wall mount next to your pressure tank, on a shallow well head, or on a water tank.
- Standard 3/4" hose or 3/4" FNPT pipe connections are provided.
- The hand pump has few parts that require maintenance.
- The hand pump is warranted against defective materials and workmanship.



SIMPLE PUMP SOLAR POWERED WATER PUMPS

Simple Pump's Solar Powered Pump System builds on the motor operated features of the Simple Pump and provides off-grid power with a battery backup. These systems offer a dependable water supply to your house and are designed with stringent requirements to provide a reliable, off-grid water pump system.

- Includes a gasketed, lockable, stainless steel enclosure with a 1/4HP 24VDC gear motor, four MC4 bulkhead connectors, and a weather-resistant rocker switch.
- Uses a Morningstar charge controller.
- Uses two 310-watt solar panels.
- Uses an Intermatic FM1QTUZH-24 timer and a Cole-Hersey relay.
- Ships with two (2) 20' Solar Cables and two (2) 15' Battery Cables and all components necessary to pole mount the panels.



SPECIFICATIONS

MAXIMUM PUMP LIFT AND FLOW RATE

SIMPLE PUMP HAND OPERATED WATER PUMPS

ITEM	POWER INPUT	FLOW RATE	MAX LIFT*
200L Pump System	N/A	20 ounces per full stroke	110'
125L Pump System	N/A	8.5 ounces per full stroke	225'
100L Pump System	N/A	4.5 ounces per full stroke	325'
PHA-2-S Pump System	N/A	8.5 ounces per full stroke	25' **

SIMPLE PUMP MOTOR OPERATED WATER PUMPS

LINEAR BEARING LINK DRIVE MOTOR OPTIONS

ITEM	POWER INPUT	FLOW RATE	MAX LIFT*
125L-M Pump System	LBLD12-1 12vDC, 1/5HP	Up to 1.6gpm @60 cycles/min	125'
125L-M Pump System	LBLD24-1 LBLD24-3S 24vDC, 1/4HP	Up to 1.6gpm @ 60 cycles/min	150'
100L-M Pump System	LBLD12-1 12vDC, 1/5HP	Up to 1.0gpm @60 cycles/min	200'
100L-M Pump System	LBLD24-1 / LBLD25-3S 24vDC, 1/4HP	Up to 1.0gpm @ 60 cycles/min	225'

* Total head = water level + vertical rise + 100' equivalent for pressure (optional)

** Max lift for the PHA-2-S Suction Pump is 25 feet at sea level. The max lift drops off 1 foot for every 900 feet increase in elevation. The PHA-2-S is able to pump into 50 PSI up to the max lift.

SIMPLE PUMP CYLINDER SPECIFICATIONS

	MODEL 100	MODEL 125	MODEL 200
Dimensions	Length: 18.25" OD: 1.375" ID: 1.135"	Length: 18.25" OD: 1.75" ID: 1.51"	Length: 21" OD - 2.5" ID 2.26"
Material	304SS	304SS	304SS
Max Stroke	9.625"	9.625"	9.625"
Max Lift (total head)*	325 feet	225 feet	110 feet
Output per full Stroke	4.5 ounces	8.5 ounces	20 ounces
Full Strokes from 48" weep hole	13 - 14	8 - 9	3 - 4
Bottom Seat	0.75" 304SS Poppet Check Valve	304SS with 0.75" diameter SS ball	304SS with 1" diameter SS ball
Piston	Food-grade PVC body and seat Two 90D urethane u-cup seals Two buna-n seals, Viton optional 0.75" diameter SS ball	Food-grade PVC body and seat Two 90D urethane u-cup seals Two buna-n seals, Viton optional 0.75" diameter SS ball	Food-grade PVC body and seat Two 90D urethane u-cup seals Two buna-n seals, Viton optional 1.0" diameter SS ball
Piston Rod	0.375" diameter 304SS	0.375" diameter 304SS	0.375" diameter 304SS



Simple Pump Co., LLC Contact

Simple Pump Co., LLC
2516 Business Parkway, Unit B
Minden, NV 89423 USA
Toll-free 1-877-492-8711
www.SimplePump.com

Dealer Contact