

Constant Water Pressure Systems and Accessories



Monticello Pump Service

Owner-Paul Keplinger
Co-Owner-Jason Kyer

www.NoWater.com



About Us

- Operating since 1975 (Over 31 years)
- We specialize in Well Water, Sewage, Septic, and Sump Pumps
- Offering 24 Hours A Day -- Sunday Thru Saturday Service
- Phones are answered 24 hours a day (You will very seldom hear an answer machine)
- Serving all of Northern and Mid Virginia (Going as far south as Fluvanna county)
- We also serve parts of Maryland and West Virginia
- Visit our webpage (www.NoWater.com) for free diagnostic pages to help you if you have No Water or you can call us 1-800-462-1333 and we will walk you through the steps to hopefully to have your water restored

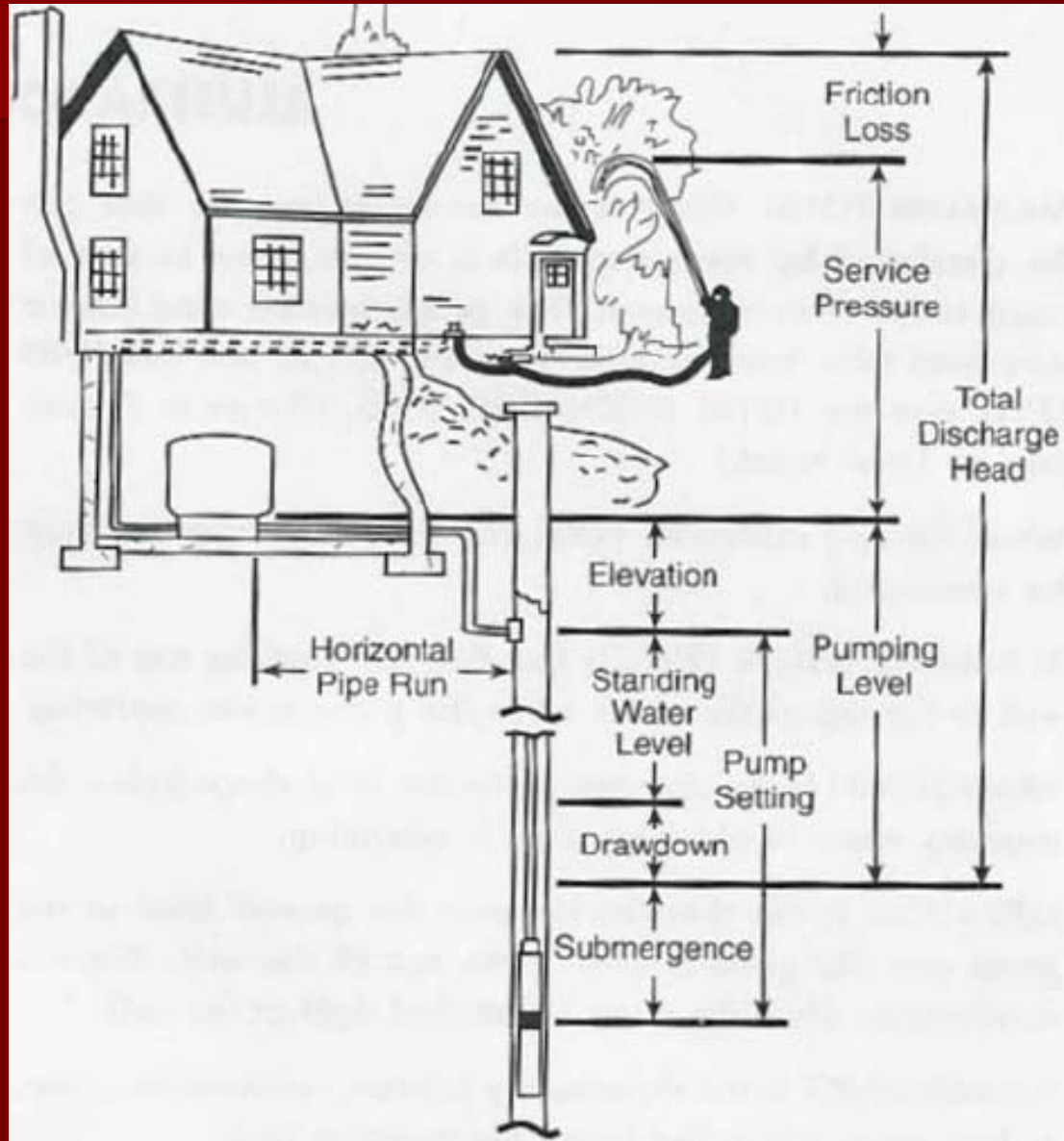


Fun Facts About Water

- Average person uses 50 gallons of water a day
- Average Milking Cow uses 35 gallons a day
- Average hog uses 4 gallons a day
- The Average fill-up of a bath tub, 30 gallons
- To Sprinkle $\frac{1}{4}$ " of water on each 1000 square feet of lawn, 160 gallons
- Dishwashing machine per load, 3 gallons
- When toilet is flushed, 4 gallons



Different Terms Used for Wells





Having Problems?

■ Having trouble with:

- No Water?
- Low Water Pressure?
- Water Being Sporadic?
- Pipes Hammering?
- Air Purges?
- Water Leaking Around Your Storage Tank?
- Water Leaking Around Your Well Or In Your Yard?

You May Want a.....



Constant Water Pressure System



- Why Wouldn't You Consider this?
 - Constant Pressure throughout your whole house and even your outside faucets
 - Dry-run protection
 - Protection against up-thrust
 - Soft-start
 - Over-voltage and under-voltage protection
 - Overload protection
 - Over-temperature protection
 - High starting torque



Two Part System: First Part

– The first part is your well

- We will have to replace your well pump with the new SQE Constant Pressure Pump
- We will have to replace the wire from the well pump to the top of the well to make sure you have the proper size and bring it up to UL code. (Depending what wire you already have in your well)





Second Part Of The Job

- **The second part is inside your house:**
 - We will Cut out your storage tank with your controls
 - We will replace it with a Cu-301 computerized control, two Gallon Tank, Water Sensor, Oil Filled Gauge, Relief Valve and a Boiler Drain



OLD to NEW

Your Typical System Set-Up



New Constant Pressure System





Old to New

Old Installation



New Installation





Old to New

Old Installation



New Installation



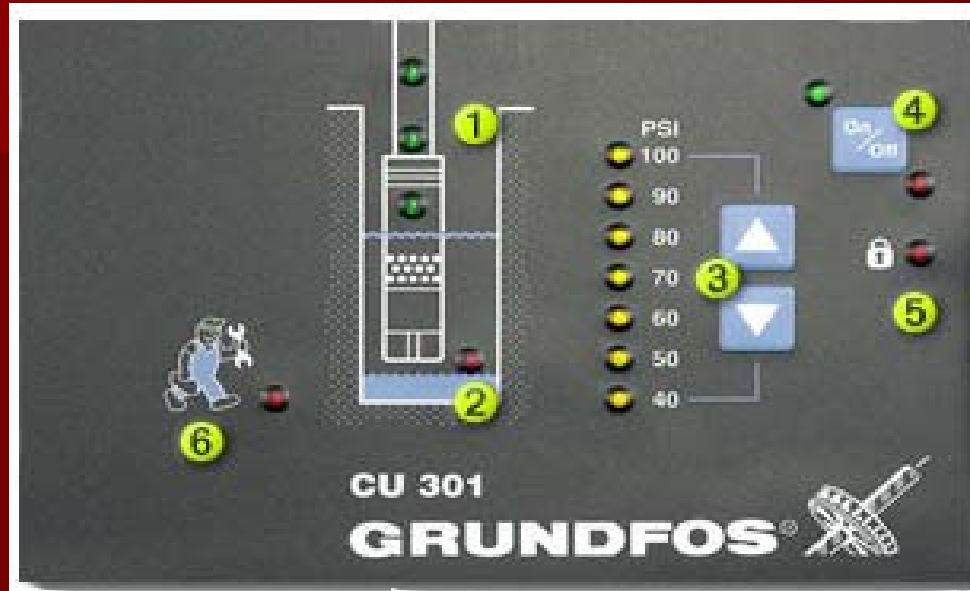


Old to New





How to use the CU-301



- 1. Green arrows indicate when water is flowing
- 2. A run-dry alarm shows when the pump has stopped because of low water conditions
- 3. You can easily boost pressure in the system for the special jobs and easily return the water pressure to normal when finished
- 4. Green and red lights clearly show you whether the system is on or off
- 5. For daily use, the pressure settings can be locked
- 6. If the system needs repair, a maintenance light provides a clear signal



What if there was a maintenance repair needed?



- This is the R100 Infrared Remote
- This will let us know exactly what is wrong with your system

Here are examples of the menu screens you would see on the R100 Infrared Remote:





EZ-Boost System for City Water



The Grundfos EZ Boost system is a high quality booster system and is designed to be maintenance-free. It's compact and is easy to install.

Constant water pressure means you'll get the pressure you need when you turn on the tap and even can take multiple showers at the same time.

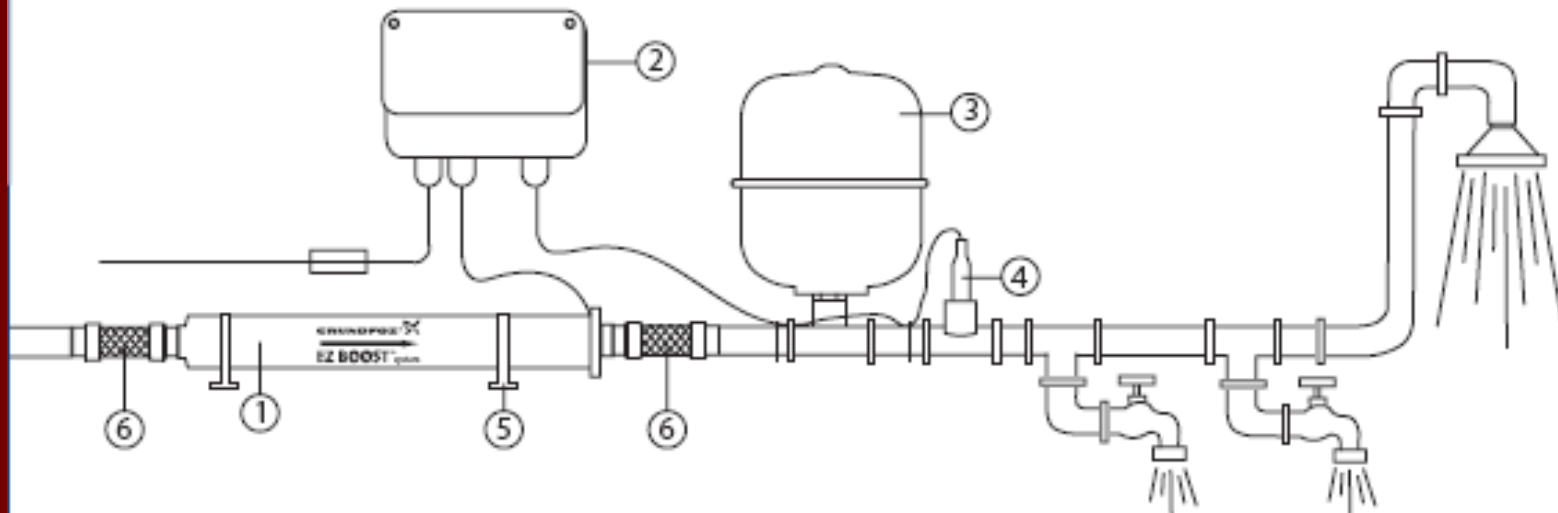


How the EZ-Boost is installed..

Typical Application

Pos.

1. EZ Boost BMQE pump
2. EZ Boost controller
3. Diaphragm tank
(recommended size 2 US gallons/130 psi)
4. Pressure sensor
5. Mounting brackets
(included with pump)
6. Flex connector





On a Community Well System or on City/County Water?

MQ

Self-priming multistage pump



The Grundfos MQ is a compact all-in-one pressure boosting unit, designed for domestic water supply and other boosting or lift applications. The MQ is a compact and reliable pump. The MQ pump is ideal for pressure boosting from water storage tanks or from city water supply (maximum 45 psi inlet pressure). The MQ is also a self-priming multistage centrifugal pump. It can self prime from a well depth of down to 26 feet within a maximum time of 5 minutes.



We also offer another system called a Subdrive

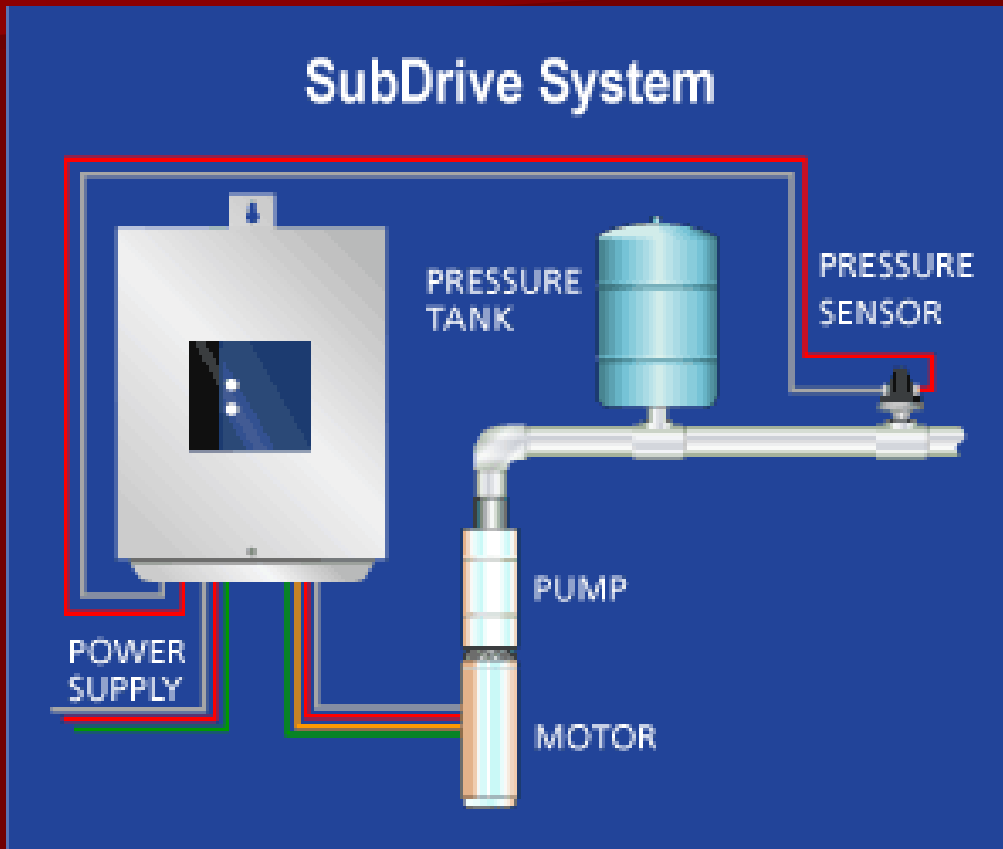


- SubDrive controllers provide constant pressure by continually monitoring and adjusting the pump speed to meet water supply demands. SubDrives also eliminate pressure cycling during long-running applications such as landscape irrigation and geothermal heat pump operation. SubDrives combine reliability and state-of-the-art technology to provide well owners with a premium water system.



Installation of a Subdrive

Built in Features are:



- Surge protection
- Underload
- Undervoltage
- Locked pump
- Open circuit
- Short circuit
- Overheated controller



Benefits on having a Subdrive

- **Constant water pressure with a wide range of settings (25 to 80 psi)**
- **Soft start feature prevents water hammering and increases motor life**
- **Works with small pressure tanks or with larger tanks already in place**
- **UL recognized for US and Canada**
- **Smart Reset® technology allows well recovery before restarting the pump**
- **Single-phase input power with three-phase motor performance**
- **Excellent radio frequency interference shielding**
- **Easy to install**



We also offer a regular 4" submersible well pump

A few benefits of having a Schaefer are:

Schaefer Well Pumps



- Thermoplastic impellers and stages for maximum efficiency.
- Thermoplastic and stainless steel models include built-in Flomatic check valve
- Urethane Eye & Hub Seals are remarkably resistant to abrasives, allowing sand and other abrasives to pass through each stage without wear or damage
- Built in section screen on thermoplastic units, and removable suction screen on stainless steel units prevents debris from clogging impellers and provides full flow performance.



Warranty Information

(For Well Pumps)

- If you purchase the whole system (SQE Pump and Cu-301 w/controls or a Subdrive) within a week period then you will have a TWO Year warranty. That includes parts and labor.
- If you purchase just the SQE Pump or a Three phase well pump (Schaefer) then you will have a ONE Year Warranty. That includes Parts and labor.
- If you purchase a regular Schaffer well pump then you will have a ONE year parts and labor warranty.



Now installing Tank-less Hot Water Heaters

These compact, powerful water heaters can be installed indoors or out and supply hot water at the desired temperature to multiple points of use simultaneously. With an exceptional flow rate, an EverHot model can provide all the hot water needed.

Some of the reasons to own these models are:

- Nine pass heat exchanger

- Remote control

- Direct electronic ignition

- Diagnostic controls

- Lime accumulation sensor

- Fully automatic controls

- Continuous flow

- Very low noise level

- Cut energy waste

- Interior and exterior models

- Space saving installation

- Ten year limited warranty on heat exchanger

- Five year limited warranty on parts





Want to Replace what you have? No Problem!

Bradford White Hot Water Heaters



Reason's why to replace ahead of time:
You save money on Gas/Electric

The hot water heater is equip with:

Fully automatic controls

Factory installed Hydrojet Total Performance System

Vitraglas lining

Factory installed dielectric waterway fittings

Flue Baffle

Protective magnesium anode rod

Snap-Lock draft diverter

T&P relief valve included

Brass drain valve

1" Non-CFC foam insulation (except where noted)



Need hot water furthest point away from your hot water heater?

Here is the ultimate solution to your problem

Tired of waiting for hot water in your master bed room?
We have a solution, the Kwickshot. It is a instant
Hot water heater that is placed underneath your sink
To provide you with hot water instantly.

Features on the Kwickshot are:

On demand hot water - no delay

Cut energy waste - flow switch activates heater only on demand

Continuous hot water - no storage capacity to run out

No T&P relief valve needed - check local codes

Integral flow restrictor - built-in to ensure proper temperature rise

Easy installation - mounts on wall - no sweat connections

Ni Chrome heating element

Reduces calcification

Space saving installation

Field serviceable element





Another device for hot water is a Hot Water Circulation Pump



- The Grundfos Comfort System is a pump and valve combination that delivers you hot water in an instant to any faucet or bath in your home. The Comfort System uses a pump at your water heater along with the patented under sink valve beneath the sink furthest away from the pump. This patented combination creates a pressure differential that allows the cold and cool water in the hot water supply line to “bypass” (at low volume) into the cold supply line through a thermostatically controlled valve that is mounted under the sink furthest from the water heater.



Contact Information

- Toll Free: 1-800-462-1333
- Local: 703-241-1673
- Fax: 703-256-1394
- P.O Box 117 - Falls Church, Virginia 22040-0117
- WWW.NoWater.COM
- E-Mail services@nowater.com





Questions?

- Feel free to call us anytime for Questions, or visit our website at www.NoWater.com

