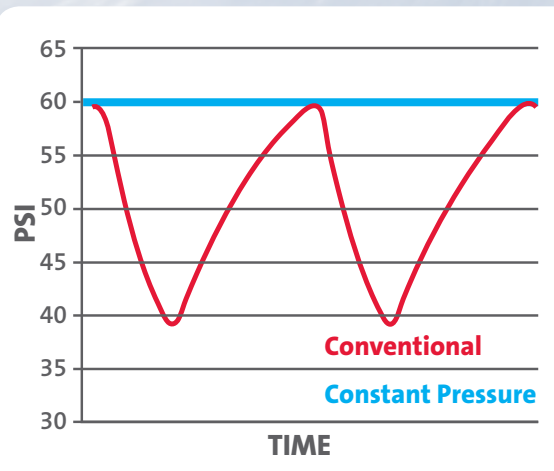




How does it work?

Conventional pumps run at a fixed unchanging speed, operating only in an ON/OFF mode. Whereas, the Grundfos SQE constant pressure pump is uniquely designed with an intelligent built-in variable speed motor which can speed up or slow down depending upon the amount of water consumed. As more water is required, the pump will increase its speed and likewise as less water is required, will slow down. This allows the home owner to comfortably use for example, the shower, washing machine and irrigation sprinklers all at the same time, and unlike conventional pumps, there will be no loss of water pressure.

Water Pressure Fluctuation



be think innovate

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Why Constant Water Pressure?



GRUNDFOS SQE
Constant Pressure
Groundwater Pumping System

GRUNDFOS 

Do you have constant pressure?

Likely not. Water pressure fluctuation in the home is very noticeable and inconvenient. Even if you live with city water supply, it's not uncommon for the pressure to range between 30 and 100psi depending on where you are along the distribution lines. On top of that are daily fluctuations caused by community wide high usage periods in the morning and evening, coupled with in home changing demand such as toilet flushing. Traditional water well systems are even worse, purposely fluctuating 20psi over a period of several minutes.

Benefits of constant pressure

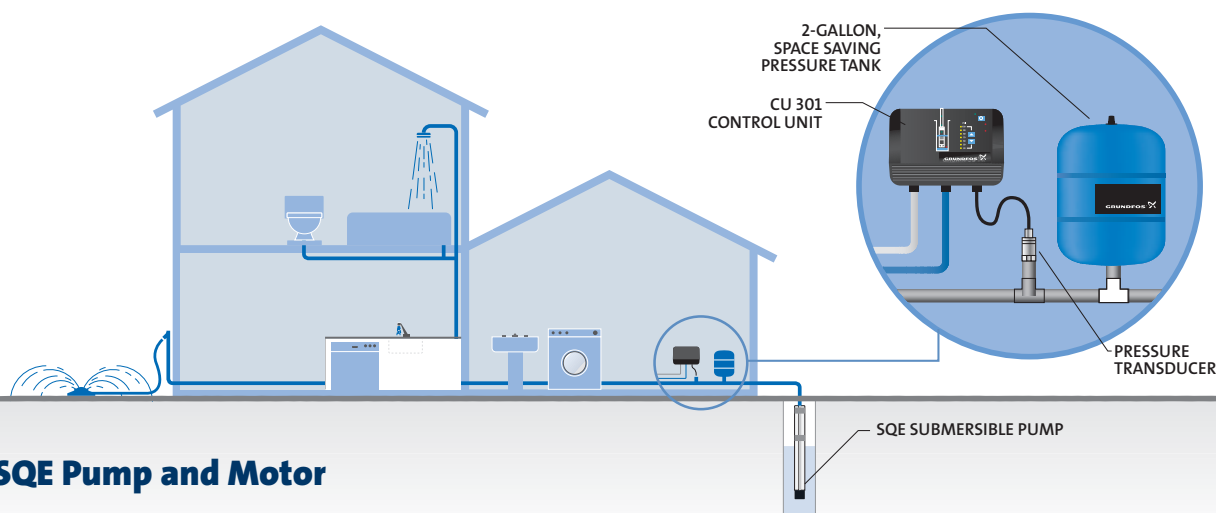
Leave the city behind. With constant pressure pumping systems, your water pressure will always remain steady and constant regardless of how many family members are consuming water. As more faucets are opened, the pump automatically increases its speed, maintaining your chosen pressure at any flow rate. Take control of your water supply. Greater comfort is added to your life and greater value added to your home.

Some of the immediate benefits you will experience are:

- Push button selection of desired pressure
- No more wimpy showers
- Turbo charged lawn irrigation
- Multiple built in diagnostics to prevent damage to your pump
- Uses a miniature low cost space saving diaphragm tank



Standard Installation



SQE Pump and Motor

The SQE is the only pump on the market fully equipped with built-in electronic controls which allow for advanced computer controlled performance and state of the art protection features including sophisticated diagnostics. The motor design is a Variable Speed Drive which electronically changes the pump speed to match demand providing you with the incredible comfort of constant pressure.

CU301 User Interface

The CU301 User Interface is the easy to use command and control computer for operating the pump in constant pressure mode. The user simply chooses the desired water pressure by pressing the UP or DOWN arrows, and the CU301 does the rest.

Features and Benefits

- Push button pressure setpoint adjustment
- Low well water indicator
- Pump running indicator
- Keypad lockout
- High quality stainless steel pressure sensor
- Built-in diagnostics

Available Size

- Flow rates: 5, 10, 15, 22 and 30 GPM
- Head up to 450 feet @ 5 GPM
- 115VAC and 230VAC models – all single phase

