

# What Does the Water Pump Do?



Water pumps are an integral system used for various purposes, such as drinking, irrigation, hydroelectricity, etc. Water pumps are essential for communities where safe and clean drinking water is not accessible. If you want to install a water well pump, consulting with an expert in **water well pumps in Fallon NV** can help.

A water pump pumps water from one location to another for drinking and irrigation purposes. Different types of water pumps are available, helping you choose the best option. But, again, consulting with an expert can help you choose the most efficient solution.

According to a US Census American Housing Survey, around 13 million Americans rely on private wells as their water source. In addition, private wells promote high efficiency and reliability compared to ancient systems. Consulting an expert company that excels in **water well drilling in Fallon NV** can help solve most of your problems.

## Types of Water Pumps

- Submersible pumps
- Centrifugal pumps

- Automotive water pumps
- Agricultural water pumps
- Boiler water circulating pumps
- Dewatering pumps
- Groundwater remediation and sampling pumps
- Industrial water pumps
- Saltwater or seawater pumps
- Stormwater pumps
- Sump pumps
- Wastewater pumps
- Waterworks and water treatment pumps

## **How Does a Well-water Pump Work?**

Choosing the pump size is necessary before delving into the working of a well water pump. Homeowners often make mistakes while choosing an appropriate well water pump. The following factors influence the size of the pump:

1. Water demand in the household
2. The size of the family
3. The number of fixtures in the house

Picture this: an expert arrives at your home and drills a well. They then install a pump inside your home, and voila - never-ending access to water! Whenever the water pressure in your home drops, the pump activates, lifting and pumping water into your home to restore the pressure.

When you turn on your faucet, water flows through your home and maintains the pressure within the pump, triggering it to lift and pump water into your home. This creates a constant, comfortable water pressure for your household needs.

Typically, the water pressure range in most tanks is between 40-60 psi. This means that the water pump has automatically shut off, indicating ample water is now available in the system.

## **Water System Components**

**Most water systems comprise the following components:**

1. The well pump
2. Pressure tank

3. Pressure switch and control box
4. Casing
5. Well cap
6. Well screen
7. Pitless adapter

Every household may have different water system needs, requiring various products or tools. Consult an expert in **water pump products in Carson City NV** for an informed decision & a quick solution.

### Source

<https://theodysseynews.com/what-does-the-water-pump-do/>