

PENTEK INTELLIKIT™ HOME WATER MANAGEMENT SYSTEM CHOICES IN WELL SYSTEMS

HOW YOUR WELL WORKS

What is a well?

More than 17 million households in the United States use individual wells to supply water to their families. A well is a hole drilled into an aquifer. A pipe and pump are used to pull water out of the ground, and a screen filters out unwanted particles that could clog the pipe.

Source: www.groundwater.org

You have a CHOICE:

Private Well Systems may be one of your only choices for getting water to your house, but conventional pump-tank systems are not always the best source for water pressure. Homes on traditional private well systems tend to have water fluctuation and low water pressure due to many different reasons.

The Pentek Intellidrive™ can help keep the water pressure in your home constant at all times. This means you can take a shower, water the lawn and run the dishwasher at the same time without experiencing a decrease in water pressure.



1 OPTION 1: CONVENTIONAL SYSTEM

Consists of:

- 4" Submersible Pump
- Pressure Switch
- Tank
- Optional Control Box

▶ The pump in your well is set up to run at one speed, when you use multiple sources of water at one time, such as the shower and dishwasher, your water pressure will drop quickly causing fluctuation in pressure and the water flow to diminish.

2 OPTION 2: PENTEK INTELLIDRIVE™ HOME WATER MANAGEMENT SYSTEM

Consists of:

- 4" Submersible Pump
- Pentek Intellidrive Single or Three Phase Variable Frequency Drive
- Smaller Tank

▶ **This option maintains constant pressure output regardless of fluctuating demand. Other advantages include:**

- Pump Protection - extends pump life
- Choice of Pressure Settings
- Quiet Operation
- More Efficient Appliances



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