

This well design is called a PVC body pitless control module, or PPCM. The PPCM is a pipe coming out of the ground with a solid cap on top. The pressure tank is fitted inside the pipe, and the pump and motor are under water in the well. The main water line to your home has been buried underground. You'll want to locate the main cut off valve to your water supply. It may be near the pipe, or it may be located very close to your house. You can use the cut off valve to stop water flow to your house if you detect a leak, or if you need to make plumbing repairs. You'll also want to identify where the electrical control for the well pump is located. It may be part of the same electrical box as the rest of your house, or there may be a separate box that runs directly to the electrical supply for your property.

Thunderstorms and other power surges can cause your well pump to stop working. If you're not getting water in your home, check the well pump breaker box. Flip the switch to off then on, and check whether the pump is working. If you have flipped the breaker and the well still isn't working, it may be out of water, or the pump motor could be broken. You'll need a knowledgeable repair person to diagnose and fix the problem. The design of the PPCM well is very streamlined, but it is important to keep it in clear sight to avoid driving over it. Make sure the cap is on securely. Do not allow children to play on or near the pipe. Keep livestock and large pet kennels away from the well by at least one hundred feet to avoid contamination of your water supply. It is recommended that you disinfect your water well annually with unscented household bleach.

For further instructions, please contact your local environmental health office.