

**Q-What if I don't have a well?**

A-If you don't have a well, you could drill one, or even better, remember that there are 15 million active and unused wells all over the country...2,000 new ones are drilled each day. Part of your preparation will be to locate 2 or 3 nearby, and get permission to use them in advance. Most well owners would be delighted to know that they could have access to good drinking water in the event of an emergency.

**Q-Is well water always pure?**

A-No. Neither is the water from some municipalities! It is probably your best option though. Well water is filtered naturally by the earth, and is more likely to be good than many other sources. It's always a good idea to test the water in advance. We recommend that you have filtration solutions at the ready just in case. In the event of a chemical spill, flood or nuclear/biological attack, well water might be the absolute best source for useable drinking water. You can also purify your well with a little household bleach the day you install your FloJak. This will kill bacteria in the well and in your pump.

**Q-Will FloJak pump horizontally from a creek?**

A-Yes if you can set up 5 feet of vertical pump over the water source. The mounting bracket is designed to be versatile and can be side mounted like a flange or hooked over railing or a 2 x 4 board. Your FloJak pump must be vertical to work. Buy a section or two of GatorHyde hose to pump through. Its rated to 200 PSI.

**Q-Will FloJak pump dirty water from a pond?**

A-The answer is actually "Yes", and there may be times when you simply have to do it. If the dirty water is soft matter like algae or organic matter, it will have minimal impact to the pump although it might build up and restrict the flow. Sand and grit are abrasives and will wear almost any sealed surface. You may find it necessary to pump in that environment too. That is what FloJak is for. Even with reduced life the FloJak is probably still a cost effective solution. However, as is understandable, we cannot warranty your FloJak under those conditions.

**Q-Will FloJak pump water from a cistern or a hand dug well?**

A-Sure will. Just assemble it to the right length and figure out how to mount the bracket. It is a very versatile design with lots of uses.

**Q-Can FloJak pump water up a hill or into an elevated tank?**

A-Yes. The pump will lift water vertically from the static water level. However, pumping long distances introduces additional pressure and will impact upon the amount of available lift. Take a look at the PowerJak accessory. It is a lift assist handle that reduces the effort required to pump.

**Q-Can FloJak be connected to a windmill or solar power?**

A-Yes! The "PLUS" series has a welded mounting bracket on the stainless steel pumping handle section. The pumping stroke works fine at two inches...but will also range to over 3 feet. For windmill applications it is important, with any pump, that you have a safety device that does not damage the pump in high winds. FloJak can pump while the handle is spinning with the wind direction.

**What do I need?**

**Q-What information do I need to know before selecting my FloJak?**

A-Assuming you have a large enough well casing...If you will gather two pieces of information, you should be set. (1) Well depth, and (2) Depth to "static water level." The static water level is the distance from the ground down to the actual water level in your well. Total depth and static levels are two different things, and may be recorded by your well driller, but static sometimes changes or is recorded wrong. You can easily find out this info for yourself by lowering a weighted string into your well. Listen for the splash. That's your static level. Tie a knot and then lower it on down to the bottom. Tie another knot. Pull it up and measure the distance to static water level and the bottom of the well. Only takes a few minutes.

**Q-Which FloJak length do I need?**

A-FloJak Kits come in three different lengths. There are 50 foot kits (for static water level of 30-40 feet or less, 100 foot kits (for static water level of 80-90 feet or less) and 150 foot kits for static water level of 130-140 feet or less. You may also purchase 50 foot extension kits. The objective is to assemble your pump the "ideal length" of 10-20 feet below static, and 10 feet or more above the bottom of your well. Anywhere in between is fine. The less your flow rate in the well...the deeper below static you should go. When your pump is deeper than static, this is good because it creates a reservoir for your use.

**Q-Are some wells too deep?**

A-Actually the answer is no. FloJak is warranted to lift water 150. But lifting begins at the static water level. So in theory, you could have a 500 foot long FloJak in a 700 foot well, with a static level of 100 feet. When you pump the water is coming from 500 feet below where the foot-valve inlet is located, but there is only 100 feet of actual "lift." So its all about the static water level.

**Q-Do I need the PVC or Stainless Steel Version?**

A-PVC is a lower cost option and is used more for emergency backup, and is best suited for warmer climates. The Stainless Steel "PLUS" series is also a great value, but it is more expensive. If you are in cold climates, and think you want to leave your FloJak installed for extended periods, or if are concerned about misuse, vandalism or animals...then Stainless might be the better option.

**Q-Are there more permanent options than the Well Bonnet for covering my well opening?**

A-Yes there are. You can make a cap out of plywood if you are handy. Or many people install FloJak using a "Well-Seal." A well-seal is a cap which is made for well casings. It has a hole for FloJak and goes onto the outer pipe of the top 5 foot handle-section, under the handing bracket. It must be attached as FloJak is being assembled. Once FloJak is inserted into the well, your well-seal drops into place and is tightened up, securing itself inside of the well casing and the FloJak pipe simultaneously.

**Q-Do I need a PowerJak or MiniJak Handle?**

A-These handles produce leverage so that the work of pumping may be greatly reduced. The volume of water per minute will drop as a trade off for easier pumping, but you can still produce several gallons per minute depending on water depth, your stroke length and pumping speed. The PowerJak is a 36", double grip system that is good for any depth, but is a "must-have" for static levels over 70 feet. The MiniJak is a 24" single grip design for shallower static levels to about 40 feet. These accessories bolt up to the FloJak hanging bracket in 3-4 minutes and are essential when pumping water into your household plumbing system.

**How does it work?**

**Q-Can I pump water into my home through a faucet or other inlet?**

A-You sure can. This is one of the unique features of FloJak. Use a high pressure hose like our 200 psi GatorHyde hoses to pump water into your household plumbing. To develop useful pressures, you will need the assistance of a lever handle such as the MiniJak or PowerJak accessories for your pump. You will have to create enough pressure to pressurize the water in your big bladder tank. This will provide water directly to your sink or the bathroom for flushing...without the chore of handling heavy water containers. It is technically possible to pump enough water into the home plumbing to take a shower, flush toilets and wash dishes simultaneously.

**Q-Is FloJak produced from safe materials, suitable for pumping drinking water?**

A-All of the pump components are NSF certified, or are consistent with NSF standards for food grade materials. This includes the piping and the actual internal pumping mechanisms.

**Q-What is the shelf life of my FloJak?**

A-Indefinite. It will outlast us all! We manufacture the FloJak using medical grade stainless steel and the finest high-impact polymers available. These will not degrade over time. If you have a need to pump water 25 years from now, your FloJak will come out of the box as though it were new.

**Q-Is every unit tested from the factory?**

A-Yes. Not only do we inspect and water-test every unit at the time of production in our US facilities, we also life-cycle test the design for wear and durability. Your FloJak design has been certified in our test lab, and is capable of more than 100,000 cycles (200,000 strokes), pumping over 10 gallons per minute, at 130 PSI (or 300 feet of lift), with less than 5% wear on the Viton pressure rings, and no perceptible reduction in pumping performance.

**Q-How long does it take to assemble FloJak?**

A-Depending on the depth of your kit, your FloJak takes 20 to 60 minutes to assemble...after about 10 minutes reading the instructions. Installation into the

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