

Hand Well Pump

Installation & Operating Instructions

With the exception of the lower pump housing, which is detached for safety while shipping but attaches very quickly, your hand well pump is fully assembled and ready to install. If you have any questions please call **385-335-2920** or email at service@gunslingerwellpumps.com and a technical service representative will contact you.

Disclaimer:

This hand well pump manufacturer or retailer is not responsible for the quality of water in your well and our pump does not filter water for drinking purposes. You are responsible for determining whether you need to further treat or filter your well water.

This hand well pump manufacturer or retailer is not responsible for breakage to any existing well equipment or breakage to our product due to the result of improper usage. The user should understand what equipment in their well may interfere with the usage of a secondary pump and the user is responsible for ensuring they have proper clearance for use. The user also takes responsibility for putting our product down their well. We provide as much information as possible, including video instruction to help customers understand our product and how to use it.

SET UP:

- Remove the pump from box and cut the plastic zip ties holding the coiled system.
- Carefully uncoil the pump system and lay it out in a straight line. You may need to carefully untwist the coils in order for the tubing to lay flat on the ground. Please carefully hand straighten any coils by bending in the opposite direction as the curve if needed. **DO NOT KINK.** Severely kinking tubing can affect performance and increases pump friction. If possible let pump lay flat for several minutes so the plastic tubing can relax. In very cold weather it is best to let the tubing warm to room temperature inside before straightening outside.
- Attach bottom pump housing by inserting the o-ring pump mechanism at the bottom into the PVC pump housing and threading the PVC assembly to the black fitting which is connected to the tubing. **HAND TIGHTEN ONLY-** It is not necessary to tighten excessively. Just tighten until fairly snug. **Do not spin the black fitting connected to the tubing. (See Figure Below)**



- Remove your pump cover and carefully move any electrical wires out of the way.
- Feed your pump down your well housing keeping it angled away from pipes and electrical as much as possible and angled towards the pump housing. The straighter your pump is the easier it will be to pump as friction will be reduced.
- If you encounter obstructions while feeding the pump, lift pump up a couple of feet, twist it slightly and continue to feed. Most of the time the pump is snagging on the existing well pipe. If you encounter an obstruction that prevents your hand well pump from feeding, you may need to contact your well driller and ask about possible existing equipment or diameter considerations. If your pump is below the water line but will not feed entirely into your well, you may need to

shorten the length. Always ensure that the bottom of your pump is several feet from the bottom of your well to prevent pulling up sand and mud. Please refer to length modification instruction or contact customer service for assistance.

- Once pump is fully fed into well, clamp the top end of the pump to the pump housing using the thumb screws and the clamp mounted to the handle.



- Once pump has been securely clamped to the side of the housing you may begin pumping. At first shorter, even strokes will help lubricate the pump mechanism with water. If pump is very difficult then the pump may not have straightened completely in the well and has curves that are adding friction. You may need to wait a few minutes and allow gravity to help straighten the pump.
- Pumping should be fairly easy and it will take 20-40 pumps to bring water to the top of the pump. You may attach the provided spout tube to the exit spout if desired.
- Using the provide cable and clip, wrap cable around power conduit or through a hole in the housing, feed the cable back through a loop and clip the cable to the top bolt on the pump clamp. Ensure that the cable is secure. You may now store your hand pump by lower it into the well and letting it hang by the cable. Your cover to the well can be replaced over the cable without interference. **YOU MUST PERIODICALLY INSPECT AND REPLACE CABLE IF NECESSARY.** The cable is subject to wear over time. If you choose to store your pump with this method please be aware that the cable needs regular inspection, or you may replace cable with a line of your choice.
- When removing pump please follow these directions in reverse. If you encounter a snag on the way up, **do not pull hard** as you could break your pump and leave parts in your well, simply lower the pump and twist it 90 degrees then continue to pull it up. You may need to repeat this step a couple of times, turning the pump different directions, before pump will be free. Understand that you have pipe and other equipment in your well. A flexible hand pump can twist around the pipe but usually can be freed by lowering and twisting. Please contact us if you have any questions. You may also refer to the videos on our site for examples of everything discussed in these directions.

Modifying Pump Length:

The length of the pump can be shortened in a few short minutes by removing the bottom components, cutting the pump to the desired length and reinstalling them with the same length offset between the black tubing and the white tubing as before.

For a short detailed video example, please go to www.gunslingerwellpump.com or call 385-335-2920 and we can walk you through the process.