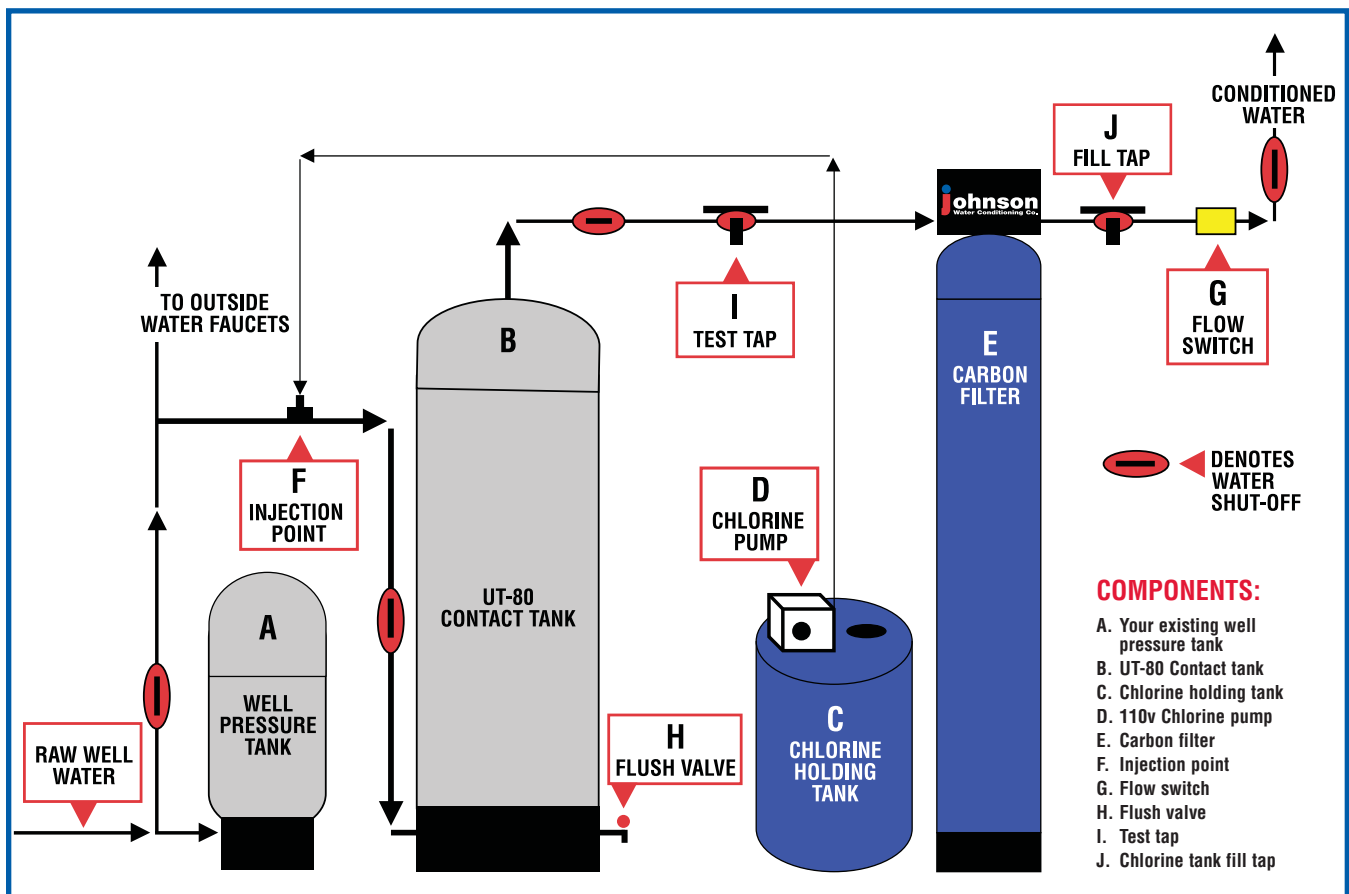


JOHNSON WATER CONDITIONING'S CHLORINE INJECTION SYSTEM



GENERAL EXPLANATION:

- This system is designed to remove dissolved impurities in your water such as Iron and Hydrogen Sulfide. We take the water coming from your well pressure tank and inject chlorine into it using a pump.
- The chlorine is used to drop out or oxidize the impurities in your water.
- The UT-80 storage tank is used for the water to get additional contact time with the chlorine insuring that the impurities are completely oxidized out of the water.
- The carbon filter is used to remove any residual chlorine that is not used in the oxidation process.
- This system is designed with a flow switch. This will tell the chlorine pump to inject the chlorine/water mixture only when water is used inside your home. This allows us to leave your outside water untreated.

MAINTENANCE:

After your system has been installed there are a few things that you will need to do to keep your water treated.

1. Keep the chlorine tank (C) supplied with a mixture of treated water from tap (J) and regular unscented chlorine bleach. The mixture is usually 3 gallons of water to one gallon of chlorine. This mixture may vary depending on the severity of the water problems.
2. You will need to flush the residue from the bottom of the UT-80 using the flush valve (H) at least once a month. Make sure that you open a conditioned water faucet when you are flushing the UT-80.
3. The flow switch should be checked and cleaned periodically depending on the amount of impurities that you have in your water. To accomplish this start by closing the water shut-off after the UT-80 contact tank (B). Then close the water shut-off after the flow switch (G). Now open the tap (J) and release the water pressure. Once the water pressure is released you can open the flow switch and clean it. Take the plunger out and rinse it off. Now re-install it and close tap (J) and open both of the water shut-off valves.
4. The carbon filter has a timer that needs to be set properly. If the timer is not set to the current time of the day the regeneration cycle could occur during the day when you are using water in the house to do laundry or dishes for example. When this carbon filter is in regeneration it is not filtering the water so make sure that you keep the timer set to the correct time. (See owners manual for timer setting instructions)
5. The media in the carbon filter is used to remove residual chlorine from the water. This media absorbs the chlorine. When the media is fully exhausted it will need to be changed. You will most likely notice a slight odor in the water when this occurs. Just give us a call and we can easily take care of this for you. Most systems that we install need to have there filter media replaced somewhere between one and three years.
6. Some cleaning maintenance will be needed on the chlorine pump (D) and the injection point (F). For information on this please refer to the chlorine pump owners manual.

You can also call our service department for any technical support that is needed.



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