

ACID NEUTRALIZER INSTALLATION INSTRUCTIONS.

Before you begin, you will need to have pipe cutters for copper or plastic, fittings and pipe you will need to complete the installation, pipe glue, Teflon tape, backwash line if you are installing a backwashing filter all of which are available at Lowes and Home Depot and of course some tools.

STEP 1. Shut off household water supply, if you do not have a shut off valve after your blue pressure tank, you may have to turn the breaker off to the well pump and drain it. Run the nearest faucet or outside hose bib to release pressure and drain water from your plumbing. Once the water has completely stopped you can begin the installation.

STEP 2. Plan the installation before you start cutting into your plumbing, you have an inlet and an outlet. Typically you will start at the pressure tank which is usually blue, if it's copper pipe coming off the pressure tank we usually replumb it in cpvc, due to the fact the water between the pressure tank and the neutralizer is not filtered, typically the threads on the pressure tank tee are 1 inch on the out side and $\frac{3}{4}$ threads on the inside, so a $\frac{3}{4}$ inch cpvc male adapter and some Teflon tape will get you started. Once you have applied Teflon tape to the male adaptor, (4-6 wraps) insert it into the tank tee, do not over tighten, once that is done complete the plumbing to the inlet side of the neutralizer, you will want to install a $\frac{3}{4}$ ball valve between the pressure tank and the neutralizer for future service, once that is complete you will need a 1 inch cpvc female adapter, and a $1\frac{1}{4}$ inch cpvc reducing bushing, screw onto threads of the neutralizer on the inlet side and hand tighten, repeat the same procedure on the outlet side, continue the plumbing from the outlet side back to the main house line, if your main house line is copper you will need to purchase a coupling that will join cpvc to copper, Home Depot sells a product called Sharkbite fittings which are amazing, you just push both sides of the pipe into the fitting and your done. If you have all cpvc plumbing to begin with than you can start after the shut off valve, drain the pressure off and then start the installation.

STEP 3. Fill the unit with calcite, available at your local plumbing supplier, not Lowes or Home depot, look in your local Yellow Pages under plumbing supplies to find calcite or Ph neutralizer, screw in the fill cap leave it loose to you can purge the air from the system, slowly open the water supply valve about $\frac{1}{4}$ of the way let the neutralizer slowly fill to purge the air out of the system, make sure a hose bib or cold water side faucet is open before you

begin to fill the tank, once water starts to spit from the fill port tighten the fill cap until water stops continue filling the tank until water emerges from the faucet or hose bib then open the supply valve fully, let water run until cloudiness subsides, check for leaks and drips over the next few days. Your installation is complete.

For technical support call 443 277 2204