

## **Acid Neutralizer Service Instructions**

### **Tools Needed:**

**Siphon Device(3 feet of garden hose works great)**

**5 gallon bucket**

**Channel locks, medium size**

**Large funnel, Walmart has them in their automotive section, cut about 4 inches off and it fits perfectly into the fillport.**

**Calcite media.**

**towels**

- 1. Shut off household water supply**
- 2. Open cold water faucet or outside hose bib, run water until it stops to relieve pressure on water system.**
- 3. Slowly remove cap from fill port with channel locks, you will get some water on the floor, that's where the towels come in handy, don't panic it's just water.**
- 4. Siphon water from unit into 5 gallon bucket, now if the calcite level is extremely low, you may have to do this multiple times as you add the calcite to the unit due to water displacement. We typically have multiple buckets on service calls so we can do it all at once.**
- 5. Add calcite media thru the funnel, fill the neutralizer to within 10 inches of the fillport. Meaning leave 10 inches of free space between the calcite and the fill port. DO NOT OVERFILL.**
- 6. Make sure there is no calcite in the threads of the fillport, screw in the cap to the fill port, leave it slightly loose.**
- 7. Open the main water supply valve a quarter of the way and starting filling the unit. You should start to hear air coming from the fill port, that's why we leave it slightly loose to purge the air from the tank.**
- 8. Once you get water squirting from the fill port, hand tighten the cap, then a quarter turn with channel locks.**
- 9. Check for leaks at the fill port, then fully open the main water supply valve, let cold water run until it is clear of the calcite dust, then shut off faucet or hose bib. You may want to run other fixtures**

**in your home to purge any air trapped in the pipes.**

**10. YOUR DONE, GOOD JOB, YOU JUST SAVED YOURSELF A LOT OF MONEY.**

### **Dump and Rebed Acid Neutralizer Instructions**

**If your unit has been in service for 5 or more years, your experiencing low water pressure, or the unit is totally clogged, you will need to take it outside empty out all the calcite, (and gravel if you have a non Vortech tank), then rebed the unit and put it back in service.**

- 1. Shut off main water supply.**
- 2. Drain as much water as possible from the unit using siphoning method.**
- 3. Disconnect from the plumbing, make sure you have a bypass in place, if not connect garden hose directly to the well tank hose bib.**
- 4. Using a hand truck, take the unit outside, remove valve and fillport cap, put on a 45 degree angle top of the unit facing the ground, insert garden hose into the opening and start removing the calcite. If you have a removable distributor tube, remove it as soon as you can, this will make calcite removal easier.**
- 5. Take the unit back inside and re-attached to the plumbing.**
- 6. Add calcite media to within 10 inches of the fill port, add gravel bedding first if you have a non Vortech unit, 20-40lbs of filter gravel will be needed. Found at your local plumbing supply house**
  
- 7. Make sure all connections are tight, open water supply valve a ¼ turn and fill unit with water. Once water squirts from fill port, hand tighten, then a ¼ turn with channel locks, open water supply valve all the way.**
- 8. Run cold water until clear.**
- 9. Check for leaks**

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**Tips:**

- 1. Perform this during the warm months**
- 2. Perform this when the calcite is low, it makes moving the unit much easier.**
- 3. Make sure you have a bypass, if you don't, attach a garden hose directly to the boiler drain or hose bib on your well tank.**
- 4. Make sure you have a hand truck and some help o get it out of your house.**
- 5. Call or text me if you have questions, 443 277 2204**