

## Nano Storage Tank Maintenance

1. Close the cold water supply shut off valve. (You probably already did this if you are replacing the filters).
2. Disconnect from power outlet if you have a Nano with an electrical pump.
3. Start by draining the water out of the tank:
  - a. If you have the Nano connected to an accessory faucet just open the tap and let the water run until it stops. You can collect this water and store it to drink it or you can use it to water plants.
  - b. If you have an Ionizer you can turn it on selecting the "Filtered" or "Purified" option until the water stops running. Make sure you turn off your ionizer once water stops coming out. You can collect this water also to water plants or you can select any Alkaline or Acid levels and store for later use.
  - c. If you see that you are getting more than a couple of gallons of water or the pump continues working check your cold water connection under the sink as it might still be open.
  - d. After there is no more water coming out close the tank's shut off valve and disconnect the tube. Then put the tank in the sink or take it outside and open the shut off valve to allow any water residues to come out and make sure the tank is completely drained.
4. Next you will empty the air bladder:
  - a. Turn the tank up-side-down. You will see a black hexagonal cap that covers the air valve remove the black cap from the air valve by unscrewing it. If it is too tight you might need to use pliers to unscrew the cap.
  - b. Push in the pin in the air valve just like with a regular tire air valve and empty out the air from the air bladder.
  - c. Once the air stops coming out (you will hear when the air stops), turn right-side-up and remove cap and unscrew the top with the black wrench that came with the tank.
  - d. Inside you will see the black bladder. If needed you can continue emptying air from the air bladder by pushing the black rubber bladder in with your hand as you hold the pin on the air bladder with your other hand.
5. Rinse the inside of the tank with water and white distilled vinegar. Rinse once more with water. If you have an ionizer you can collect strong acid water ahead of time and rinse the inside of the tank with acid water.
6. Screw the top back on and replace the cap.
7. Next step is to put air back in the rubber bladder:
  - a. Have an air pressure gauge in hand. You will want to put about 7 to 8 PSI of air pressure but no more than 15 PSI.
  - b. Use a bicycle pump (this is the easiest and probably safest way to do it to prevent putting too much air or possibly damaging the air bladder)
  - c. As an alternative you can use an air compressor or take the tank to a gas station and use the air pump. Do be very careful using any of these two options as you can easily put too much air in.
8. After you have the desire pressure on the air bladder, reconnect tank to the tube from the Nano system.
9. Open shut off valve on the cold water connection under the sink.
10. If you have a Nano with an electrical pump, plug back to power outlet.
11. Make sure that the tanks shut of valve is open.
12. Allow time for the tank to get filled with water again.
13. If you are replacing the filters and you have not flushed them, make sure that the shut off valve for the tank remains closed until you finish flushing the filters.