

The Hydro-Well II float valve needs to be cleaned periodically depending on the cleanliness of the water source.

Wash the valve & valve parts with fresh water. Dirt, debris, rust & hard water sediment can build up on the valve and cause it to malfunction.

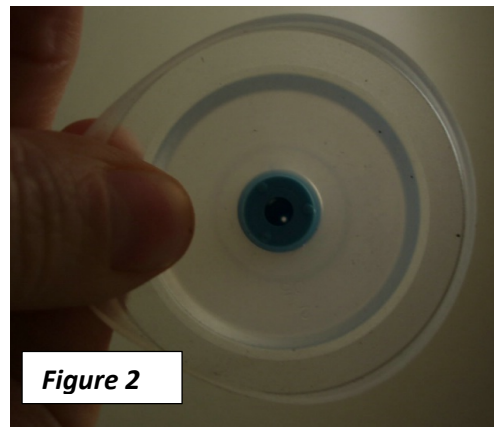
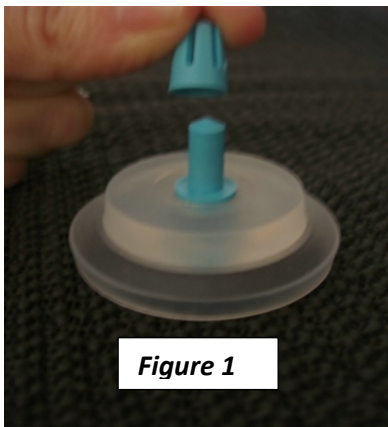
The picture to the right shows a breakdown of the internal components of the NM5822 Water Control Valve.

The Water Control Valve has two small holes in internal components which if either gets plugged the valve will not shut off and the Hydro-Well will overflow.

To examine and clean the Water Control the valve must be disassembled:

1. Remove the valve from the Hydro-Well II. Remove the PVC nipple from the top of the valve.
2. Check, clean & replace the screen as needed. Sometimes the screen can interfere with the movement of the diaphragm. If your water supply is clean or you have another inline filter, the filter screen can be removed to allow the diaphragm to move more freely & prevent the valve from sticking open.
3. Remove the P01-S Cap & P03-S Retainer Ring to access the Diaphragm.
4. Remove the strainer cap from the stem of the P05-S diaphragm. (Fig. 1)
5. Hold the diaphragm up to the light & make sure the small hole that runs through the stem is clear. (FIG. 2) Clean out or replace as needed.

NM5822 VALVE PARTS



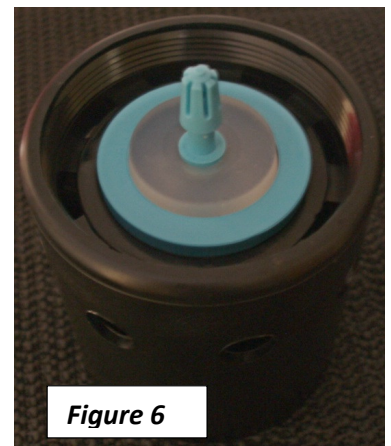
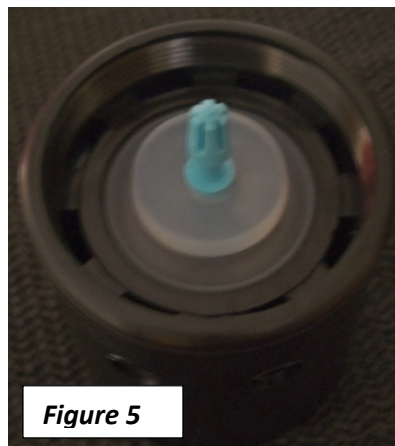
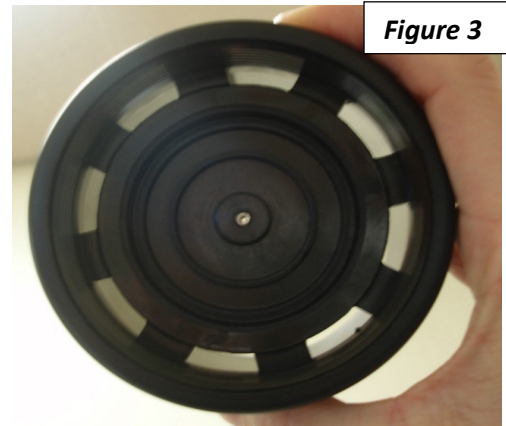
6. Remove the retaining screw at the bottom of the valve and the P07-S Float will drop from the body of the valve.

7. Hold the body up to the light and make sure the small hole through the body is clear. (FIG. 3)

Clean out the hole as needed. Use air or water to clean out the hole. Be careful if using a needle or wire. If the hole is enlarged or the shape is changed the valve will not function.

8. Be sure all parts are assembled correctly when putting the valve back together after cleaning.

- a. Screen is installed into the top of the Cap (FIG. 4)
- b. Diaphragm skirt sits in the grooves on the Valve Body. (FIG. 5)
- c. The retainer ring sits on top of the diaphragm with the flat side up. (FIG.6)



9. When reassembling valve & fittings do not use any glues or sealer compounds. Teflon tape can be used to seal the PVC nipple.

10. While we do not stock valve repair parts. The valve repair parts can ordered if needed.