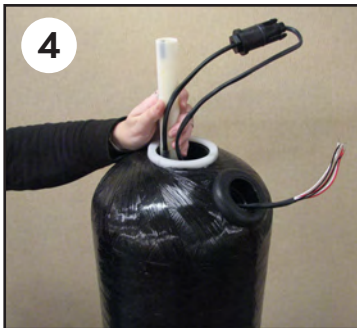


Resin Sensor Installation Guide

The Resin Sensor is designed for use on a Clack Dome Hole Tank.



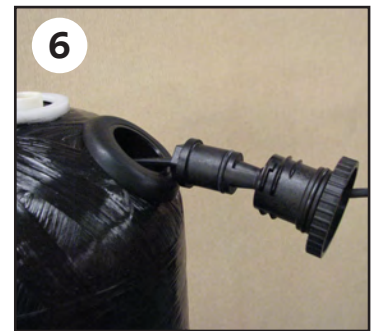
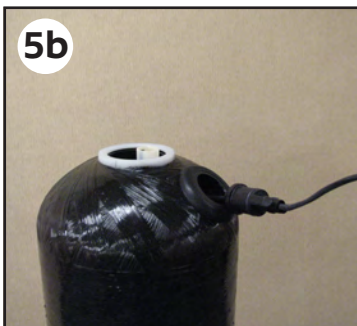
1. Remove the sensor riser tube from the box and pull the foam guards off the electrodes.
2. Remove the plug from the dome hole tank.
3. Insert the riser tube in the top of the tank. Be careful not to bend the electrodes at the bottom of the riser tube while inserting.



4. Before the riser tube is lowered all the way into the tank, take the free end of the wires, bend them in through the top of the tank, and pull them out the dome hole.



5. As the riser tube is lowered the rest of the way into the tank, pull the wires through the dome hole so the wires and the bulkhead fitting are on the outside of the tank.

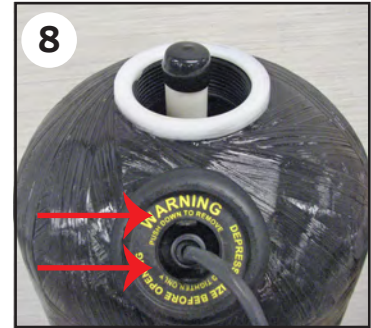


6. Lube the inside of the included D1349 Sensor Plug for Dome Hole Tanks and place it over the wires and down onto the bulkhead fitting.
7. Snap the bulkhead fitting into the bottom of the D1349 Plug.

8. Screw the D1349 Plug into the dome hole. As the plug is screwed into the tank, hold the snap arms of the bulkhead fitting, shown in the photo to the left, to prevent the fitting and wires from rotating with the plug and twisting inside the tank.

9. Install the supplied cap over the top of the riser tube while filling the tank to prevent media from entering the tube.

Note: If gravel is used, ensure it is at least one inch below the level of the lowest electrodes



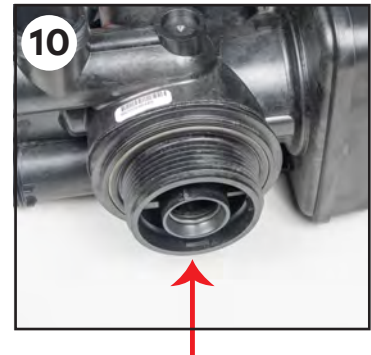
10. Remove the riser seal O-ring from the base of the valve with a blunt edged instrument as to not score the plastic.

11. Replace the riser seal with the provided quad seal.

12. Lube the top of the riser tube and the quad seal. Place the valve on the top of the tank.

13. Knock out the auxiliary wire opening on the backplate.

14. Break the entire lower section of the backplate strain relief out. The sensor wires are very stiff and cannot bend sharply.



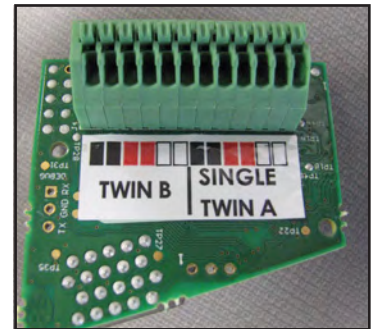
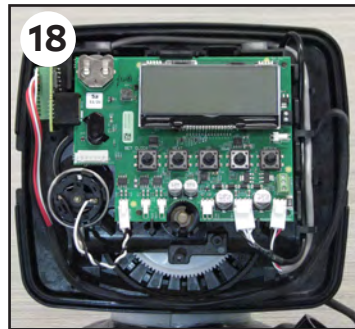
15. Route the wires through the now widened strain relief.

16. Place the cover from the V3805 kit over the opening on the back of the backplate and anchor it per the included instructions.

17. Route the wires under the drive bracket to the daughter board.



18. Insert the wires into the terminal strip per the color-coded label. Connections are available for single tank or Twin A and B. Single tank and Twin A use the same connectors. There is a spring-loaded mechanism that secures the wires without tightening any screws.



19. Program the valve per the programming instructions.

