

The HCC 2000 Chemical Controller package incorporates the HCC 2000 series water quality controller, flowcell, flow protection and sensors in a complete package ready for installation. Before setting up any automated controller, it is important to manually balance your water. Ensure that pH, free chlorine, total alkalinity and calcium hardness are at desired operating levels. Once water is circulating through the flow cell, allow approximately thirty minutes for the pH and ORP sensors to acclimate to the water before making any setpoint or calibration changes. Follow the enclosed program guide for advanced configuration instructions.



CAUTION: ALWAYS TURN OFF FILTRATION SYSTEM AND RELIEVE ANY PRESSURE PRIOR TO INSTALLING THIS PRODUCT.

The key to a successful flow cell installation is in the plumbing. A pressure differential is required to allow clean, untreated water to pass through the cell and across the sensors. We recommend using the enclosed tubing and fittings to create a pressure-suction "loop" line.

Select a mounting location which:

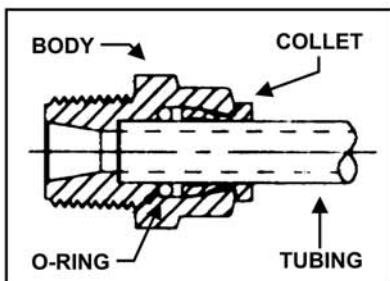
- Is within 6' of a dedicated GFI outlet.
- Facilitates a combined (influent and effluent) tubing run of 35 feet.

Drill and tap a 1/4" NPT port at a location just down stream of the filter, but up stream from any chemical injection. Install a tubing connector, and run flex tubing to the influent flow cell port.

Drill and tap a 1/4" NPT port at a location subject to vacuum or reduced pressure. Install the remaining tubing connector and run flex tubing to the effluent flow cell port.

Install sensors according to directions included in sensor packaging, making sure to place an o-ring over each sensor between compression fitting and nut.

To obtain representative manual water tests, use the sample stream provided at the flow cell.


WORKING WITH TRU-SEAL FLUID CONNECTIONS FOR A FAST, PROFESSIONAL INSTALLATION
To Prepare Tubing:

Cut tubing squarely and remove any burrs. Mark tubing 3/4" from end. This will be the insertion mark.

Insert Tubing into Fitting:

Insert tubing straight into fitting until it bottoms out and insertion mark is no longer visible.

To Release Tubing:

Push collet toward fitting body and pull on tubing to release. To reuse fitting, repeat as described above.