

ChlorKing 5000 Installation and Operation



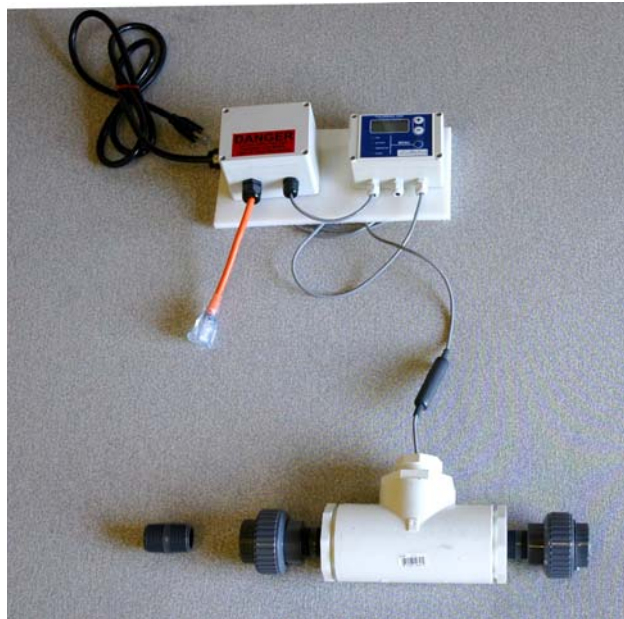
ChlorKing 5000 Controller

Installation & Operations Guide

ChlorKing 5000 Installation and Operation

ChlorKing 5000 parts:

- Controller and sensor housing assembly
- 1" PVC nipple



Installation instructions:

Mount the controller to the wall. The controller black cord plugs into a 120VAC wall outlet. A chemical feed pump plugs into the orange controller cord. The controller is pre-set to 5000ppm and does not ever require calibration. Refer to page 10 for schematic diagram of complete installation.

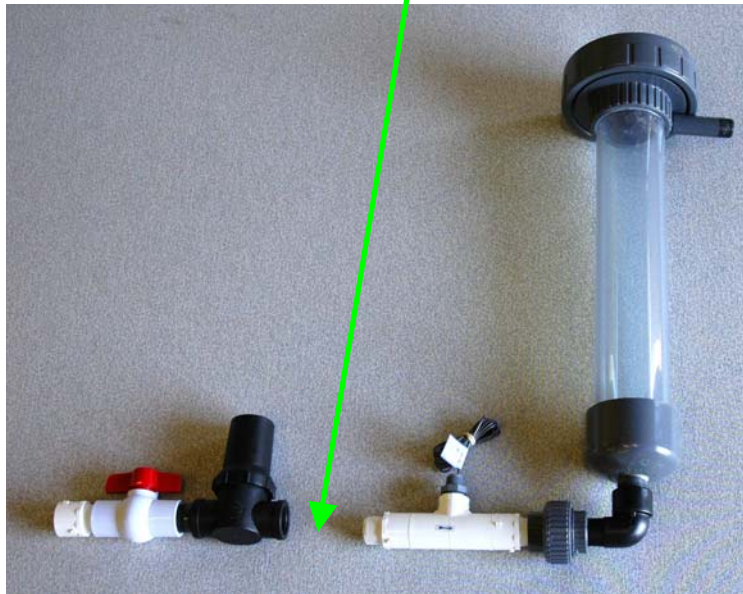


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Typical piping without ChlorKing 5000 Controller



Break connection between strainer and flow switch.

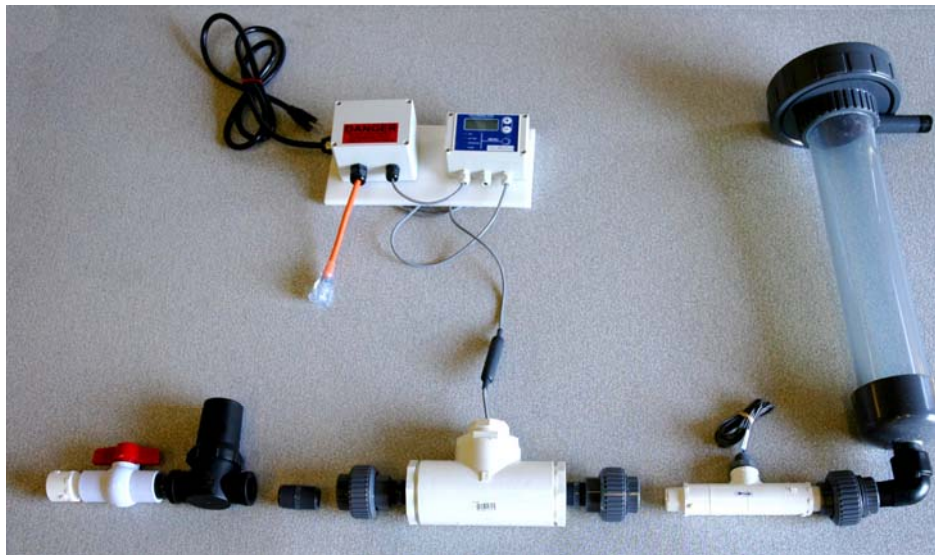


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Apply Teflon tape to all threads before installing.

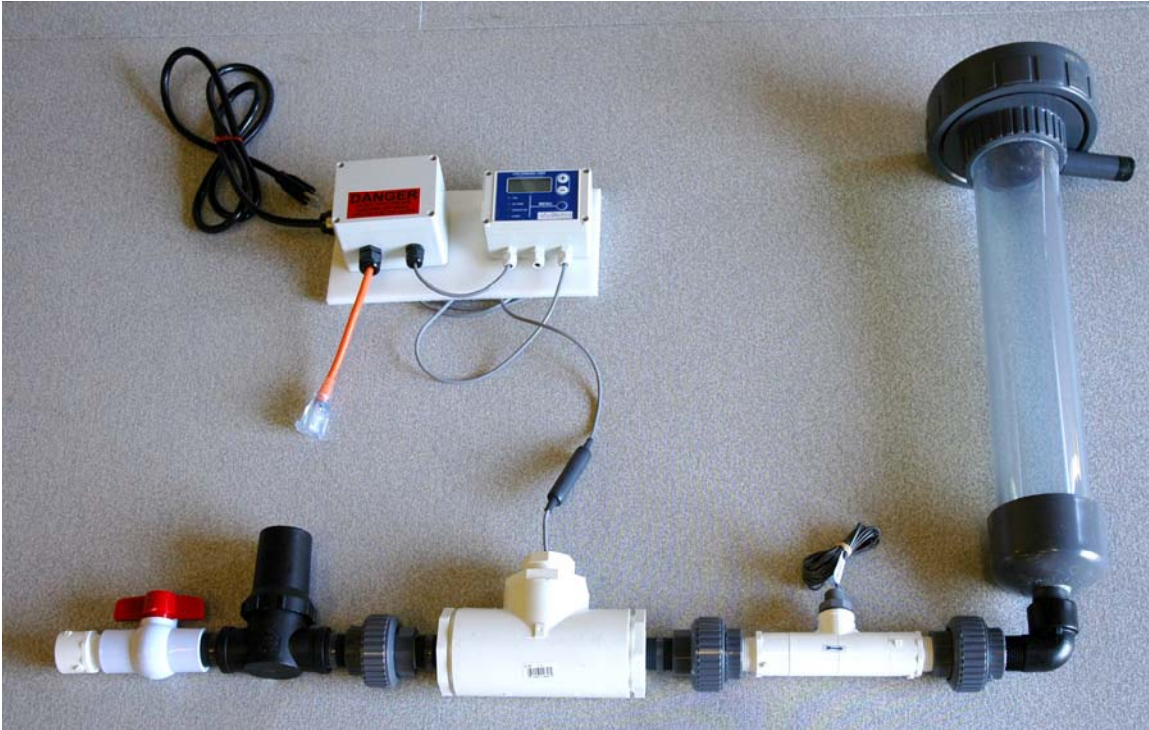


Install sensor assembly as shown in photo below.



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Finished plumbing installation



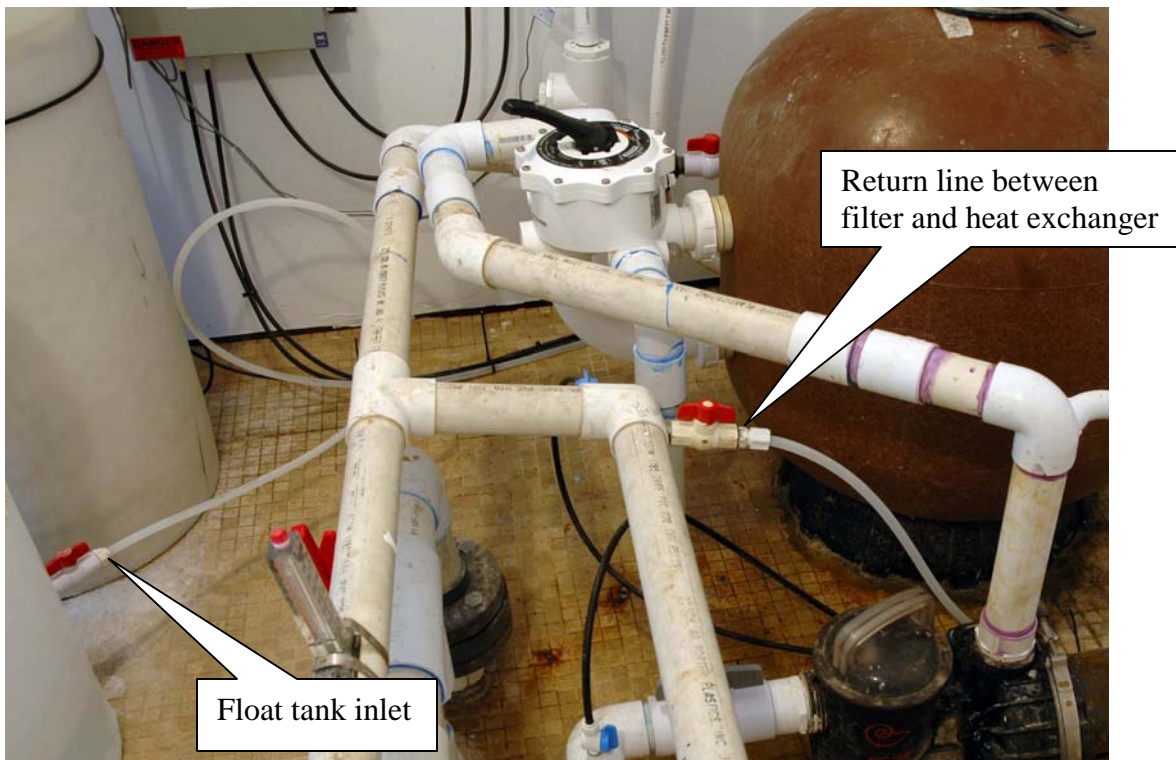
Tank installation

- Place the tanks in an accessible location.
- Connect the tanks together with the supplied ball valve.

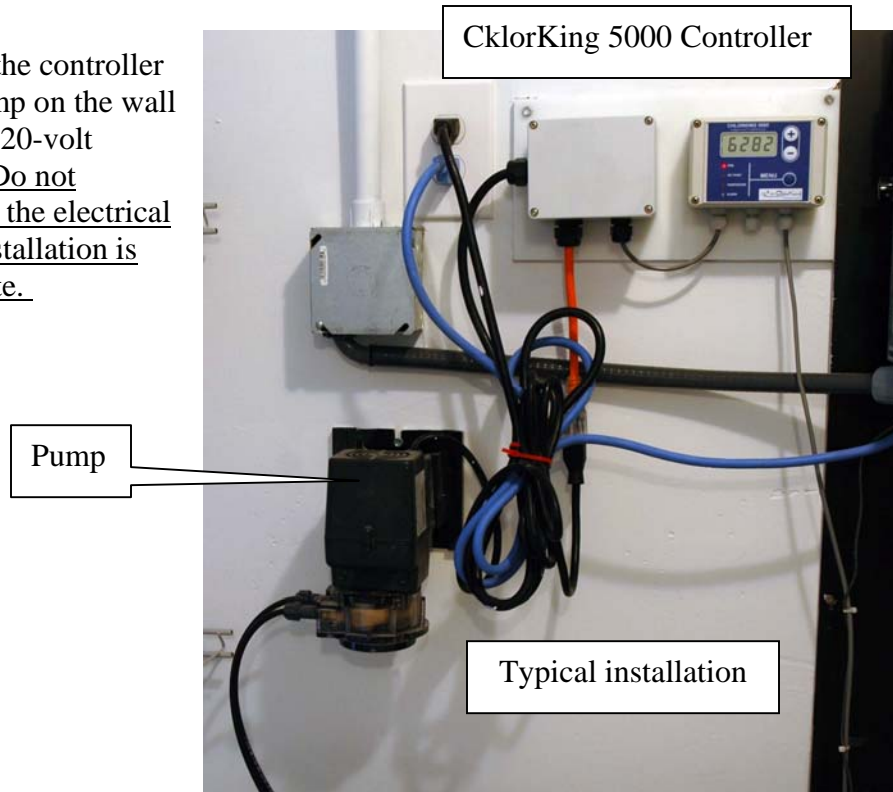


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- The float tank is fed from the pool return line.



- Mount the controller and pump on the wall near a 120-volt outlet. Do not connect the electrical until installation is complete.



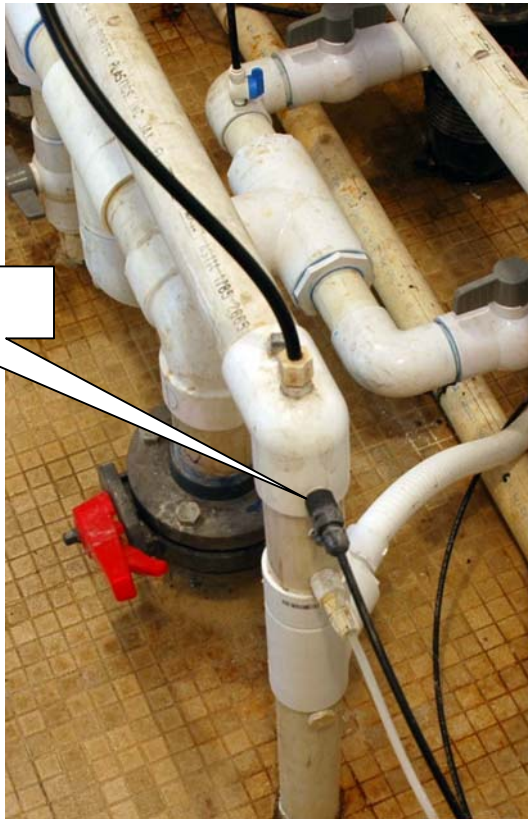
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- Attach the pump inlet to the salt feed tank.



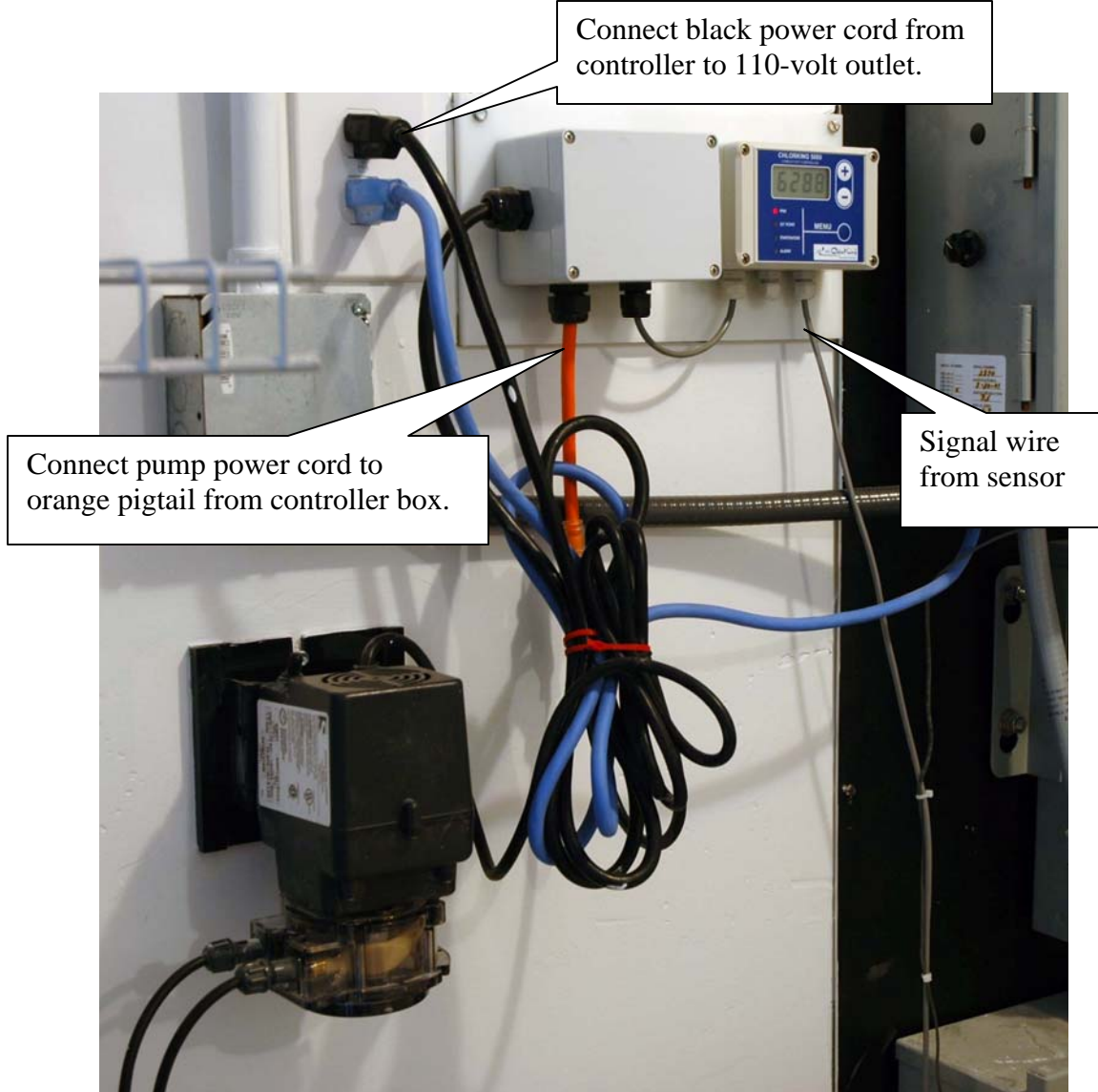
- Connect the pump outlet to the pool return line.

Line from pump



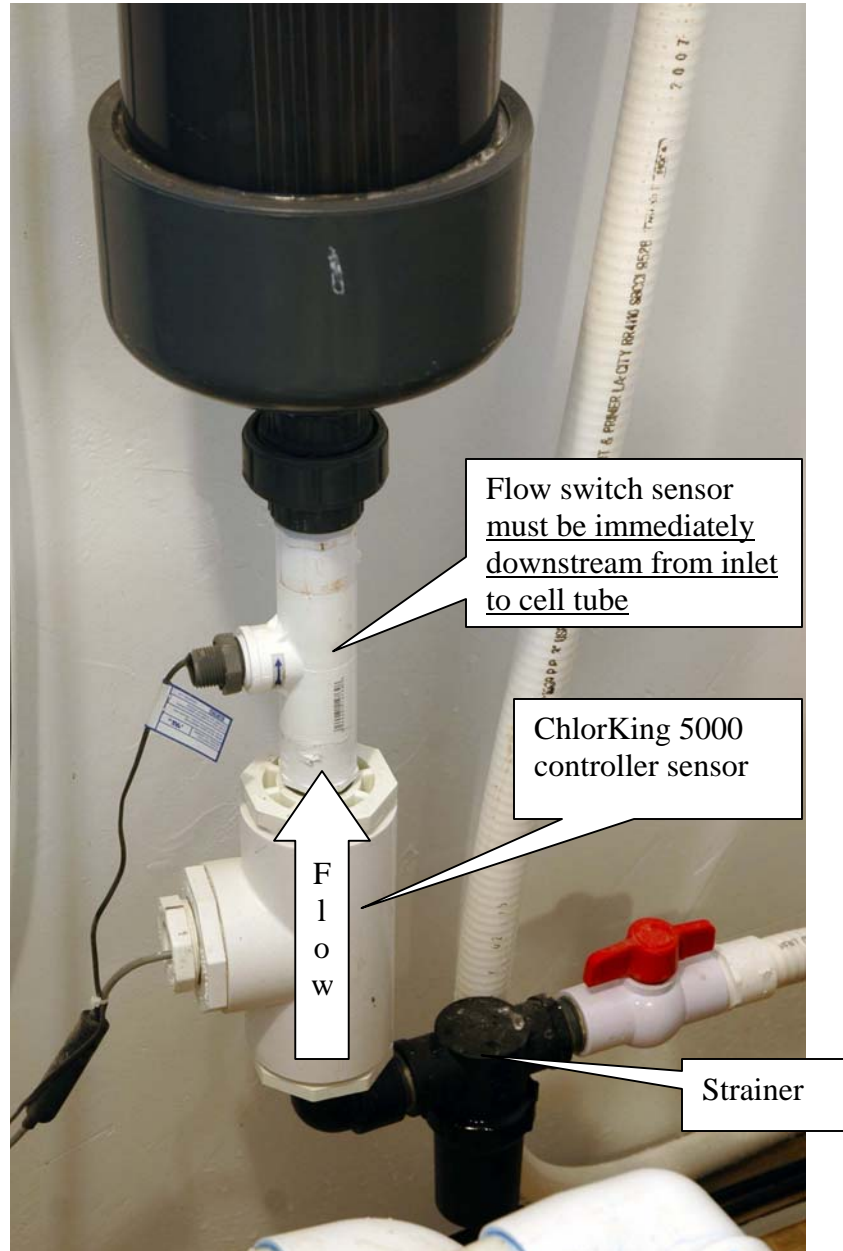
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- Connect electrical



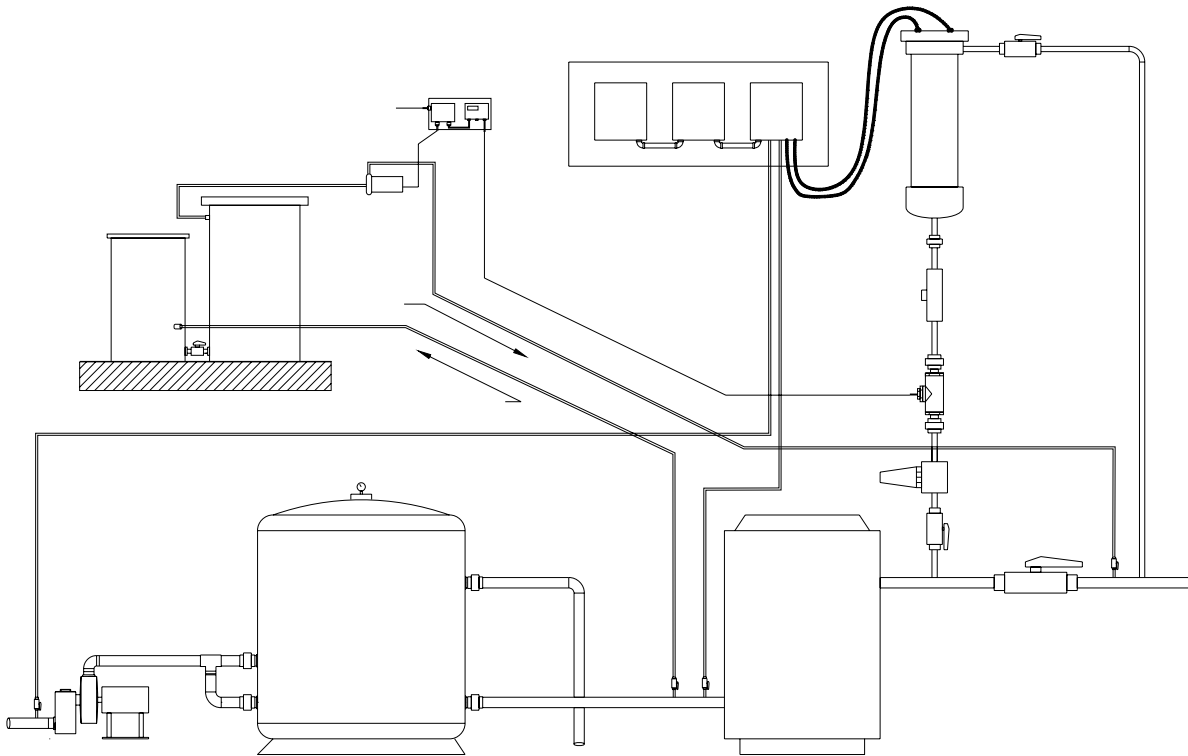
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Typical installation of sensor in pool water line



ChlorKing 5000 Installation and Operation

Schematic diagram of ChlorKing 5000 Controller installation



ChlorKing 5000 Installation and Operation

ChlorKing 5000 operation

The controller displays the salt concentration in PPM.



The set point is factory adjusted to 5000ppm. To change the set point, press the menu button once. The display will display the set point. Once the set point is displayed, press and hold the menu button for 15 seconds. The set point light will flash. The set point can now be adjusted with the + and - keys. When the set point has been selected, press the menu button again and the new set point will be saved.



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To display water temperature, press the menu button two times. Pressing the menu button a third time will bring the salt concentration screen back up. The controller will default to the salt concentration screen automatically after a set period of time.



If the salt concentration falls below the set point a blue alarm light will illuminate and the controller output will turn on the chemical feed pump.

