



# REPLACING THE E-Z FLOW HEATER ASSEMBLY FOR STANDARD E-Z FLOW GHC-110 AND GHC-220 SYSTEMS

Please review these instructions carefully **BEFORE** proceeding with heater replacement. If you have any questions, please call E-Z Flow at (858) 279-3569 before proceeding.

1. Make sure that air pressure to the pump is turned off. Make sure that electric power is turned off at the controller.
2. As much as possible, allow the hose to be stretched out in a straight line. Any bends or loops in the hose will make heater removal and replacement more difficult.
3. Disconnect power connector from hose block. The hose block is a roughly cubical metal block, either red or blue, with the letter "A" (red) or "B" (blue) on the side. It will be connected to the Drum Pump. The power connector has a threaded collar, which must be unscrewed before removing the connector.
4. Inspect both sides of the connector. If the heater failure has caused a chemical leak, the female connector, on the cable from the controller, must be cleaned and dried.
5. Remove the four small cap screws holding the connector flange to the hose block, using an Allen wrench.
6. Carefully pull the heater out of the block, by grasping and pulling on the connector. The heater will emerge from the block. The heater is almost 20 feet long, so be prepared to coil it as it comes out. A large plastic bag will help, to receive the heater as it is coiled up. There will be some chemical on the heater, so keep a rag loosely around the heater as it comes out, to keep spillage to a minimum.
7. Verify that the new heater has an O ring installed just under the flange of the connector.
8. Carefully insert the end of the new heater into the block. This end should have a small white cap. Feed the heater into the block, a few inches at a time. **DO NOT KINK THE HEATER!** Do NOT force the heater into the block. If it seems to stick, back it out a few inches, and try it again.
9. When the heater is all the way into the hose, align the connector flange with the holes in the block, and replace the four cap screws. Tighten.
10. Connect the power cable to the heater connector.
11. Turn on air pressure to the pumps. Purge air from the hose, through the filter nut opening, per E-Z Flow's standard instructions. When there is no more air in the hose, replace filter nut.
12. Turn on electric power and allow hose to come up to temperature. System is now fully operational.