



Installation Reference - Membrane Electrode

Topic: Anolyte Circulation Pump / Components

Please read all the instructions listed below carefully to familiarize yourself with the project before attempting to perform any of the work.

Required Materials

- UFSc P/N 200009 and P/N 360038
- Teflon Tape

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Required Tools

- 2 ea. Strap Wrenches
- 9/16" Socket Wrench

Instructions

1. Disconnect all wiring to the existing pump. cause serious damage to the pump.
2. Close the ball valve located just below the flowmeter and allow the anolyte to drain from the D.I. water piping and flowmeter assembly into the tank.
3. Disconnect the union directly above the coupling sitting on the pump mounting plate.
4. Use a pipe wrench to remove the remaining union portion and the nipple from the coupling, as these items will be needed for proper assembly of the replacement pump.
5. Remove the five 9/16" bolts from the pump mounting plate.
6. Carefully lift the pump assembly out of the tank. Be sure to lift straight up, as damage may occur to the pump strainer.
7. Remove the pump strainer from the pump assembly being replaced. If the strainer is damaged or cannot be removed, call UFSc at the number listed above and use P/N 204002 as a reference. Never run a pump without the strainer, as the pump may ingest items and
8. Assemble the pump strainer to P/N 360038, which will be pre-assembled to P/N 200009. Do not over tighten, as stripping the threads can occur very easily.
9. Carefully place the new pump assembly into the tank and secure with the 9/16" bolts. Be sure to re-use the washers and metal corner brackets.
10. Assemble the nipple and union to the coupling located on the new pump assembly. It may be necessary to re-apply teflon tape to the threaded fittings.
11. Assemble the wiring to the new pump assembly and restore power. The ACS System is ready for operation.

For more information see the original manual that came with the equipment or call UFSc (219) 464-2027 ext. 24.

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(P/N 993002)

Think and act in a safe manner. Always disconnect power and use a lockout before you work on the E-coat system, or any of the related subsystems. Observe any confined space conditions. Use the appropriate safety equipment and clothing for the task.

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