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Service Reference

Topic: Extending Cell Supply PVC Tubing - T, TG, TR, TPR, & TF Models.

Please read carefully before performing work or unpacking any further

Required Materials

PVC clear glue

12.7 (1/2") ID x 17.5 (0.6875") OD PVC tubing

9.5 (.375") ID x 14.3 (.563) OD PVC tubing

Required Tools

Matt knife

The Electrode already has the Supply Line attached to it when it ships from the factory. There should be enough extra tubing to reach the Supply Manifold. If this length is not long enough, then it will be necessary to lengthen the PVC tubing. Instead of using a hose barb union, this technique uses an external coupling approach. Hose barb unions have a small ID that increases the pressure required to deliver fluid to each Cell plus this restriction is a great place for biological growths to take hold and multiply.

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

1. Cut a piece of 12.7 (1/2") ID x 17.5 (0.6875") OD PVC tubing (UFS PN 060002) 75 mm (3") long and set it aside.
2. Cut a piece of 9.5 (.375") ID x 14.3 (.563) OD (UFS PN 060001) PVC tubing long enough to reach from the end of the original Supply tubing to the Supply Manifold plus another 300 mm (12").
3. Take the end of the original Supply tubing and apply PVC cement to the OD of the last 40 mm (1.5"). Quickly insert this halfway into the piece from Step 1. Inspect to make sure that there is no excess PVC cement on the ID of the Supply tubing. If so cut off the coupling and repeat the procedure.
4. Repeat Step 4 with one of the ends of the extra Supply tubing from Step 2.
5. Let dry for about 15 minutes and insert the remaining end over the valve/flow indicator on the Supply Manifold.

Follow - up. Contact your sales and service engineer and request a change in length of the Supply tubing for you Cell. Please round up the distance from the top of the Cell to the Supply manifold to the nearest 300 mm (12") (and also include the 300 mm (12") of slack too).

For more information see the original manual that came with the equipment or else call UFS at the phone number shown above.