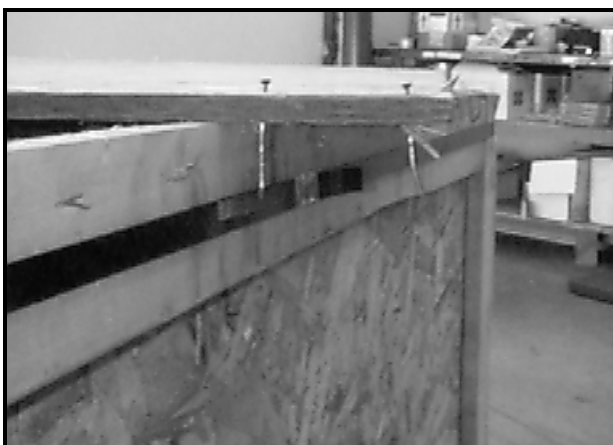


**UFS Corporation**  
**Quickstart Installation Guide**  
**TECTRON™ and TECTRON2™**  
**Bare Electrodes**  
**Roof-Floor-Side**  
**723 - 724 - 725 - 726 - 729 Series**

**Ph: 219-464-2027 Fax: 219-464-8646**  
**<http://www.ufsc.com>**

**Please read carefully before performing any work!**



Unpack the Electrode Holders and Electrodes carefully!

Remove any exposed nails or screws that might cause damage.

Defects or damage must be reported to UFSc immediately. Items with manufacturing defects will be replaced free of charge by UFSc upon return of the defective item.

**NOTE: UFSc must be contacted prior to the return of any item. No items will be accepted without return authorization!**

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Refer to installation layout drawings for proper placement.



**Bare Side Electrodes** – Mount each Electrode Holder to the strut channels using two clamps. The bottom of the PVC Collar is placed at the low, normal liquid level.

**Bare Roof Electrodes** – Support each end of the Roof Cell with clamps or a support wire.

**Bare Floor Electrodes** – Mount to an insulating saddle. The PVC Collar is meant to rest on the support structure. Lash each end of the Electrode with two plastic wire wraps in an “X” pattern.



Make sure each Electrode has a 75 mm (3”) radial clearance from any obstruction attached to or protruding through the ED tank wall.



**Note: If cable leads were purchased from another supplier, proceed to the next step.**

Make sure the pigtail is connected to the upper hole in the Electrode by its round lug. Use the hardware set provided by UFS. Be sure that the Cable Lead is rotated away from the Electrode and tightened.

Wipe any dust, dirt, or grime off the surface of the Electrode.

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**DO NOT DROP THE ELECTRODE INTO THE ELECTRODE HOLDER!!!**



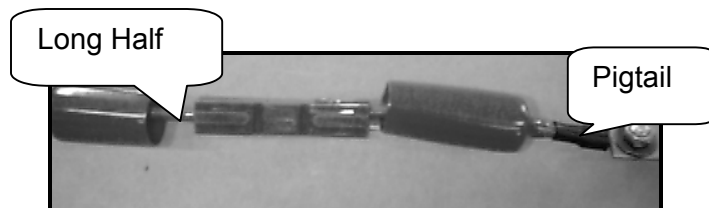
Lower the Electrode slowly and gently into the Electrode Holder.

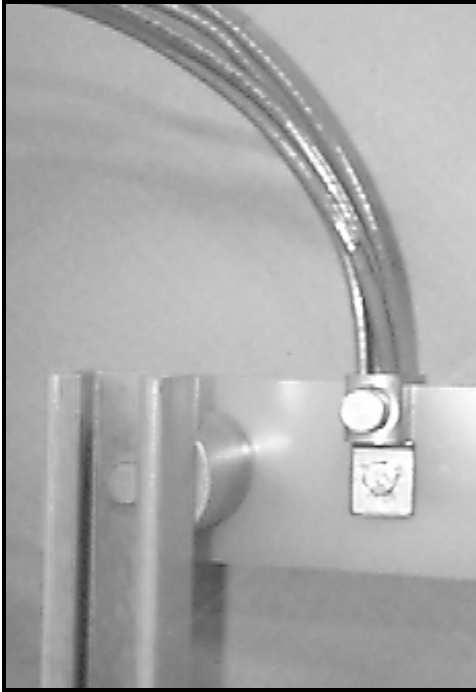
The tab of the electrode will generally extend 20 mm (3/4 inch) past the top of the Electrode Holder. If the tab extends further than this, it is not properly seated in the bottom PVC cap of the Electrode Holder. Jiggle and twist the Electrode until it slips into place.

Connect the “supplied by others” electrical cable to the upper hole in the Electrode Tab with the 5/16” SS nut, bolt, and compression washer set provided. Use a screwdriver through the bottom hole if needed.

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Plug the red connector (quick electrical connection) of the Cable Lead Long Half into the red connector of the pigtail.





Ganging 3-5 Cable Leads together with a bolt-style copper lug can reduce connections to the bus bar. (Screw lug assemblies available from UFSc.)

Beginning with the first Electrode, count back to the fifth Electrode. The lineal distance between Electrodes needs to be twice the length of the cable lead. If not, it will be necessary to use a longer cable lead or connect fewer Electrodes together.

Before trimming the Long Half Cable Lead, allow approximately 300 mm (12 inches) of slack. This allows for the position of the Electrode to be adjusted in the future.

Strip back the insulation on the unfinished end of the Long Half of the Cable Lead and place it into the set screw lug. Up to five cable leads can be attached to each set screw lug.

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## Post Installation Checklist

- ✓ Is the bottom of the PVC Collar of the Electrode Holder positioned at the specified distance below the rim of the ED tank?
- ✓ Does the ware package clear the Roof and Floor Electrodes by a safe distance?
- ✓ Is each Electrode in its proper location? Does each Electrode hang plumb or horizontal as required? Are the clamps properly tightened? Is there a 75 mm (3") gap between the Electrode and objects attached to or protruding from the wall or floor of the ED tank? Is the Electrode fully seated? (Side Electrodes only.)
- ✓ Is each electrode tab connected to the bus bar? Are the electrical connections tight and properly insulated? Is there proper slack in the Cable Leads?

**Refer to your Getting Started Package for more detailed information on your system. For further assistance contact your UFSc Sales and Service Engineer or paint supplier.**