

Installation, Start-Up and Maintenance Custom Storage Tanks

Incorrect installation can cause failure of storage tanks due to electrolysis. The storage tank must be installed using dielectric connections and isolation of the tank supports and other tank components from conductive materials.

Regular anode inspection and replacement is required. **Damage due to incorrect installation or lack of anode maintenance is not covered under the limited warranty.** For assistance, please call 805-579-5200.

After installation, fill the system and run at operating temperature for at least one day in a closed loop mode. Then drain system, and refill.

The tank should be installed in such a manner that should the tank or any connections leak, the resulting flow of water will not cause damage.

Glass Lined Vessels:

Anodes should be checked and cleaned every six months. Should their diameter be reduced by 20% or more, they should be replaced.

LAARS Heating Systems supplies 25 grams of anode per square foot of tank area.

Replacement anode rods are available from LAARS Heating Systems. Please specify tank size when ordering.

Manway Installation:

NOTE: Not all tanks are equipped with a manway. LAARS manufacturers under the ASME code HLW section of the ASME code, in which a manway is not required. If your vessel has a manway, please follow these procedures:

Manway covers and gaskets are shipped in place so they will not be lost in shipment. The bolts are NOT tightened, so be sure to check for shifting of the gasket due to vibration in transit.

The bolts are not tightened completely so that the tank can be opened and cleaned and inspected prior to service. Once the manway bolts are fully torqued, the gasket cannot be reused.

For final assembly of the manway, the gasket must cover the surface of the ring 100% and project slightly on each side of the ring. The bolts should be tightened before the tank has been pressurized and then re-tightened when the tank is at operating pressure.

DO NOT use adhesives, glues, epoxies, or other such materials to secure the gasket in place. Use only the gasket that was supplied with the manway. If additional gaskets are required, or a replacement is needed, please contact LAARS Heating Systems.