

Powered Anode System

Submittal Data **LAARS**
Heating Systems Company



Date:

Project #:

Engineer:

Prepared By:

Bid Date:

Project Name:

Location:

Contractor:

	400 mm		800 mm
Qty 1	CTARE001	Qty 1	CTARE004
Qty 2	CTARE002	Qty 2	CTARE005
Qty 3	CTARE003	Qty 3	CTARE006
	Laars PN#		Laars PN#

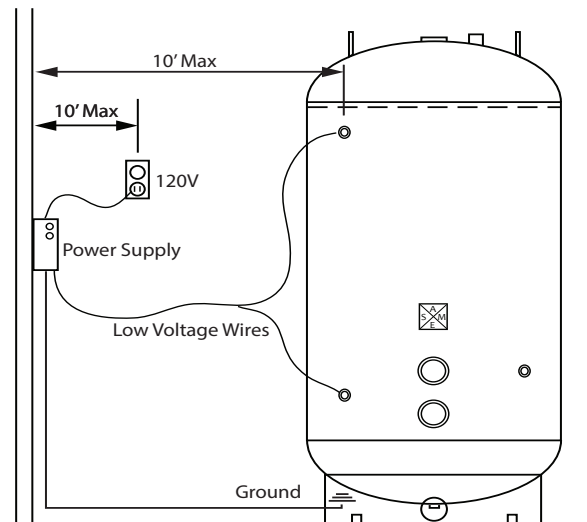
Overview

Protect your tank investment with the Laars powered anode system for large volume tanks. Scheduled maintenance of tank anode rods can be a costly process. Not only is there the expense of pulling your system off line, there is considerable down time and disruption of service to the building. Save time, money and know that your tank investment is protected.

The Titanium powered anode and controlled power supply will replace conventional magnesium or aluminum anode rods. The powered anode system monitors the electrical potential of the tank surfaces and supplies identical electrical potential to the anode rod(s). Because there is no difference in electrical potential, corrosion of the tank is prevented and the anodes are not consumed. The system uses low voltage, low current electricity to create electrical potentials inside the tank that prevents corrosion. The titanium anode is non-consumable so it does not need to be replaced and there is no "rotten egg" smell.

Features

- Titanium powered anodes are designed for maintenance free operation.
 - Easy hook-up, plug-n-play. The unit is powered by 120V from a standard wall outlet. The anodes have 1) low voltage wire and a ground wire, which is attached to the tank.
 - The power source is a small 6 1/2" x 3 1/2" x 2 1/2" box that can mount to a wall near the tank (Within 10' from the anodes).
 - Visual Alert - If the system detects a fault in the wiring, the power source will flash with a green and red LED.
 - Retrofit existing tanks with electric anodes.
 - Available for tanks up to 850 gallons.
 - Available in 400 mm and 800 mm lengths.
- Contact a Laars Representative for sizing.



Powered Anode System will handle 1, 2, or 3 titanium anodes. This example shows a 2 anode system.