



Water Heater Powered Anode Rod

Powered anode rods are different with traditional sacrificial anodes which degrade themselves to protect the water heater tanks. They use an electrical current through an insert titanium electrode to energize the oxide noble metal coating outside the electrode to give enough electrons to protect the steel tank steadily and continuously.

Overall, when compared with traditional sacrificial anodes, powered anodes have many advantages. They don't degrade which preventing the smelly water and their low consumption rate ensure more than 10years lifespan.

YUXI have developed and tested their anodes for about 5 years. Our special technology of potentiostat can measure the returning current and adjust the output voltage which can avoid the overprotecting to the water heater tanks. Our powered anode rods can be customized as per clients requested (connected in water heaters' PCB board or supplied with individual power plug).

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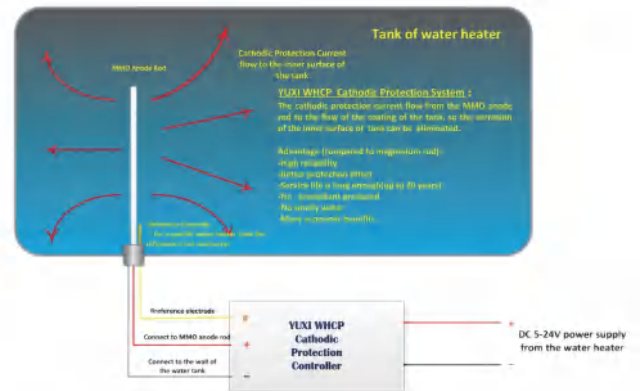
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FEATURES

- ▶ Eliminating the odor
- ▶ Quick and easy installation
- ▶ Permanent corrosion protection
- ▶ No maintenance required
- ▶ Reducing mineral accumulation
- ▶ Smart controller monitor (Adjusting the output automatically)



Schematic Diagram of Cathodic Protection of Water Heater Tank by YUXI WHCP System

CHEMICAL COMPOSITION

Power Anode Rod	MMO Coating / Titanium Rod
Substrate	ASTM B265 Titanium Grade I
Coating	Ir-Ta Mixed Metal Oxide Catalyst
Power	DC 5-24V Adaptor

SPECIFICATIONS

Tank capacity	10 to 39 Gallon	40 to 89 Gallon	90 to 120 Gallon	For RV (Suburban)
Current output	5mA	15mA	15mA	5mA
Anode Rod Size	30cm	30cm	48cm	30cm
Fit Any Brand	yes	yes	yes	yes
Works with all type of water (well water, city water, water softener)	yes	yes	yes	yes