



ORCA™

WATER WELL CATHODIC PROTECTION SYSTEM

*Protect Water Wells.
Extend Asset Life.
Reduce Emergency Failures.*

Built on MATCOR's proven anode technology, ORCA™ (Oxidation Reduction for Casing and Accessories) is the only impressed current corrosion prevention system specifically engineered and NSF/ANSI 61 certified for drinking water well applications.



WATER WELL CORROSION IS COSTING YOU

Corrosive groundwater rapidly deteriorates your well components, leading to:

- ⚠ Casing and riser pipe damage
- ⚠ Sand and debris intrusion
- ⚠ Premature pump failures
- ⚠ Unplanned maintenance
- ⚠ Emergency replacements
- ⚠ Reduced reliability and service life



ORCA—ENGINEERED TO PROTECT WATER ASSETS

- + Waterproof Kynar® connection
- + Flexible and durable
- + Chlorine resistant
- + Engineered for tight spaces

WHY CHOOSE ORCA?



NSF/ANSI 61 Certified

Certified safe for use in drinking water systems — verified for potable water contact.



Built for Potable Water Wells

Engineered specifically for water well casing cathodic protection — not adapted from general industrial anodes.



Proprietary Kynar® Braided Design

Chlorine-resistant braiding helps prevent electrical shorting in tight annular spaces.



Monitorable & Maintainable

Verify protection performance through ongoing electrical readings, without pulling the pump or column pipe.



Complete Engineered Solution

Includes the ORCA anode assembly, specialized junction box, and matched power supply rectifier—everything needed for a complete cathodic protection system.



Extends Infrastructure Life

Moves wells from typical 3–10 year corrosion failure cycles toward 20+ years of service life.

HOW ORCA WORKS

1

EVALUATE

Well depth, water chemistry, and operating conditions are reviewed.

2

DESIGN

MATCOR configures a complete ORCA system for your specific application.

3

INSTALL

Contractor-friendly installation using standard well service practices.

4

MONITOR

Ongoing electrical readings verify performance and protection levels.

5

PROTECT

Continuous impressed current cathodic protection preserves well assets for decades.

ORCA APPLICATIONS

- + Municipal Water Wells
- + Industrial Water Wells
- + Potable Water Infrastructure
- + Groundwater Systems
- + Corrosive Well Environments



PROTECT WELL INFRASTRUCTURE BEFORE FAILURE OCCURS.

REDUCE MAINTENANCE COSTS • EXTEND ASSET LIFE • IMPROVE RELIABILITY



SCHEDULE A WELL ASSESSMENT

Contact MATCOR to learn how ORCA can protect your water well investment.



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