V-AMMO
VERTICAL DEEP AND SHALLOW MIXED METAL OXIDE ANODE SYSTEM

OVERVIEW
• Custom configured V-AMMO (Vertical Anode utilizing Mixed Metal Oxide) suitable for all well anode applications.
• Fully customized, allowing designer flexibility for varying project conditions.
• Based on extensive experience manufacturing products and years of service utilizing specialty anodes for vertical anode applications.
• Designed and assembled using high quality materials manufactured in North America to the highest standards. Items are stocked for immediate assembly and quick shipping.
• Industry leading venting system ensures generated gases are vented efficiently providing optimum anode performance.
• Multi-component, chemical resistant layered anode-to-cable splices.

CUSTOM
• Fully customized ordering
• Customized anode output:
  * 492 mA/m – 40 year design life**
  * 820 mA/m – 40 year design life**
  * 984 mA/m – 20 year design life**
  * 1640 mA/m – 20 year design life**
  **based on well backfilled with carbon/coke for anode section
• Cable Selection – Can be ordered with either of the below cable types:
  * HMWPE – High Molecular Weight Polyethylene – Standard Cathodic protection cable for shallow anodes
  * HALAR/HMWPE – Chemical resistant, recommended for deep well applications.
• Note: To avoid drying the anode, limit the current density at the coke column-soil interface to 1000 mA/m² in clay and 1600 mA/m² in other soils

FEATURE / BENEFITS
• North American assembled for quick shipping to job sites.
• Reel-mounted assembling prevents damage and facilitates fast installation.
• Premium HALAR/HMWPE chemical resistant cable option.
• Suitable for any hole diameter larger than 150mm.
• Built-in redundancy, including looped cable system and multiple cable to anode splices.
• Light weight anode system reducing transportation costs for your project.
• Multiple current outputs and life expectancy ensuring the anode system meets your project requirements.
• Vent system is directly connected to anode ensuring immediate gas venting.

Tel: +1 (800) 676-4984
materials@corrosionservice.com
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TECHNICAL DATA | ORDERING
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VENT PIPE | 
Filter Cloth | Particle blocking up to 0.279mm (0.011") Included*
Chemical resistant Included*
Pipe Material | 1" flexible polyethylene, c/w venting holes along the active anode area Included*

ANODE | Check one of the below
--- | ---
Output / Life | 
492 mA/m – 40 year design life
820 mA/m – 40 year design life
984 mA/m – 20 year design life
1640 mA/m – 20 year design life

CABLE TYPE | Check one of the below
--- | ---
Type | 
Halar - Ultimate chemical protection
HMWPE - Standard cathodic protection cable

CABLE SIZE | Check one of the below
--- | ---
Size | 
#4 AWG - Less than 5% Attenuation
#6 AWG - Less than 5% Attenuation
#8 AWG - Less than 5% Attenuation

LOWERING SYSTEM | 
Rope | 3/8" Polypropylene Included
Weight | 50mm Carbon Steel (18kg) Included

ANODE WELL CABLE LENGTHS | 
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Active Anode Section | Length of active anode material m
Non Active Anode Section | Length of cable between top of anode and well surface m
Cable Tail | Length of cable extending outside from anode well m

ATTENUATION | 
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Attenuation | Less than 5%

* Unless specified otherwise the vent pipe is included as part of the system. Can be ordered separately.

RECOMMENDED USES
- Deep-well groundbeds 150mm dia or more
- Semi-deep well groundbeds 150mm dia or more
- Shallow-well groundbeds 150mm or more

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