Aluminum Heat Treater Anodes

30" & 60" lengths · Cap and flanged configurations · Ground wire included

OVERVIEW

Trilogy aluminum anodes provide sacrificial cathodic protection for heat treaters, separators and other production vessels. The aluminum-zinc-indium alloy corrodes in place of the vessel wall, helping extend equipment life and reduce unplanned downtime.

Each anode is supplied with a ground wire and is available in cap-style or flanged configurations to suit the vessel connection.

AVAILABLE CONFIGURATIONS

- 30" & 60" Blue Cap Anode with Ground Wire
- 30" & 60" Red Cap Anode with Ground Wire
- 30" & 60" Flanged Anode with Ground Wire



Blue cap, flanged and red cap anodes (left to right)

SPECIFICATIONS AT A GLANCE

Material	Aluminum alloy (Al-Zn-In)
Lengths	30" and 60"
Diameter	Ø73 ±3 mm [Ø2.9" ±0.12"]
Connection	3/4"-10 UNC threaded rod
Ground Wire	5 ft #12 AWG solid, THHN/THWN-2
Flange	4" 150# RF blind, 2" ext.

Net Weight (60")	16.8 kg (37 lb)
Core Weight (60")	3.2 kg (7.1 lb)
Gross Weight (60")	20 kg (44.1 lb)
Weight Deviation	±3%
Units	mm [inch]
Cap Color	Red or blue, per order

ELECTROCHEMICAL PROPERTIES

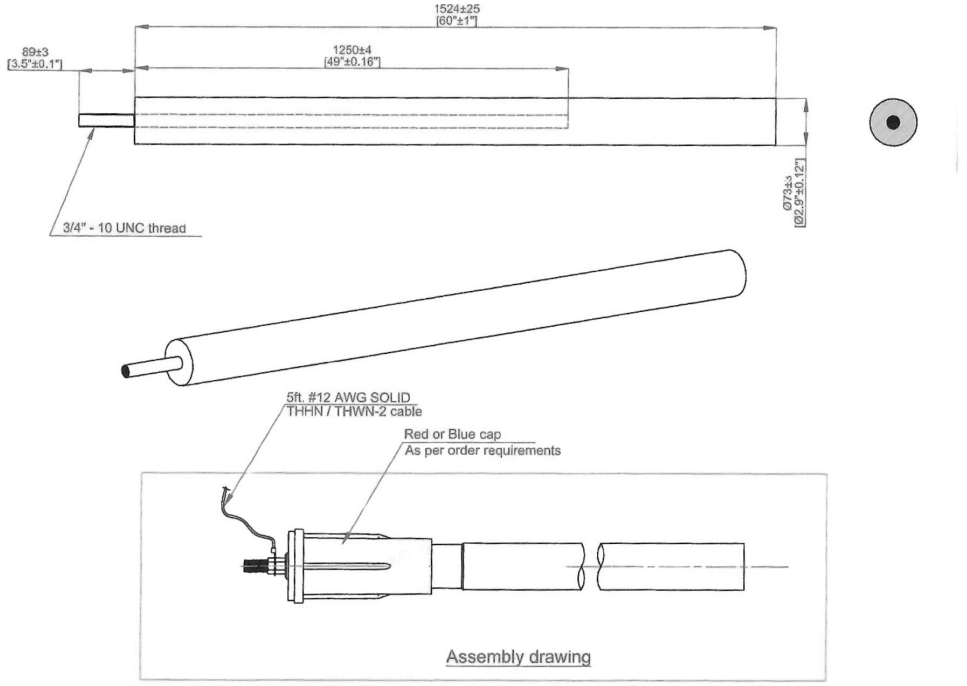
Open Voltage (-V)	N/A
Closed Voltage (-V)	1.10 – 1.15
Capacity (A·h/kg)	≥2500
Efficiency (%)	N/A

What to include in your request: anode length (30" or 60"), configuration (blue cap, red cap or flanged), quantity, and nozzle or flange details for flanged anodes.

CHEMICAL COMPOSITION

Element	%
Si	0.08 – 0.20
Zn	2.80 – 6.50
In	0.010 – 0.020
Cu	<0.006
Cd	<0.0020
Fe	<0.120
Al	Balance

DIMENSIONAL & ASSEMBLY DRAWING (60" ANODE)



Dimensions shown in mm [inch]. Cap color (red or blue) per order requirements.

FLANGED ANODE INSTALLATION

