

## Aluminum Condenser Anodes

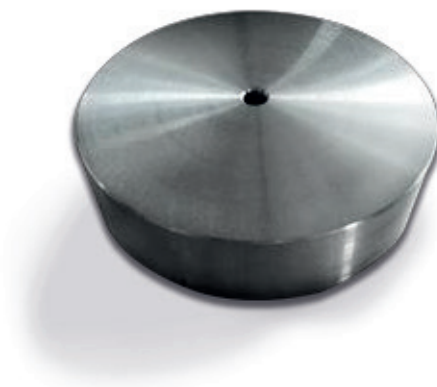
Aluminum Condenser Anodes are commonly used in Water Boxes or Cooling towers and are bolted or welded to the structure.

Aluminum Condenser Anodes can be supplied with all fixing accessories for easy installation.

Jennings Anodes offers a complete line of Condenser Anodes in a variety of sizes, weights and core configurations.

## Applications

- Condenser Water Boxes
- Cooling Towers,
- Intercoolers



## Chemical Composition

Element	Type Galvalum III	DNV-RP-B401-2011	GS EP COR 201
	Al-Zn-In-Si	Al-Zn-In	Al-Zn-In
Zinc (Zn)	2.0~6.0%	2.5~5.75%	4.75~5.75%
Indium (In)	0.01~0.02%	0.015~0.04%	0.015~0.02%
Cadmium (Cd)	/	0.002% Max.	0.002% Max.
Silicon (Si)	0.08~0.20%	0.12% Max.	0.06~0.12%
Iron (Fe)	0.13%	0.09% Max.	0.12% Max.
Copper (Cu)	0.006% Max.	0.003% Max.	0.003% Max.
Others Total	0.10% Max	0.10% Max.	0.10% Max.
Aluminum (Al)	Remainder	Remainder	Remainder

## Electrochemical Properties

Operating Potential (-V)	Current Capacity	Consumption Rate	Current Efficiency	Solubility
1.05 - 1.10	1135A.h/lbs (2500A.h/kg)	7.6lbs/amp.yr	90% Min.	Solute Uniformly

Open / Close Circuit Potential is with respect to a Ag/AgCl Reference Electrode.

## Specification

Anode Model	Anode Size	Steel Core Type	Anode Weight	
			Net Weight	Gross Weight
<b>JA - AL - C2R5</b>	Dia. 5" × 2" (Dia. 127 × 51mm)	3/4" (19.05mm) Pipe	3.5lbs (1.6kg)	3.7lbs (1.7kg)
<b>JA - AL - C13R</b>	8" × 8" × 2" (203 × 203 × 51mm)	3/4" (19.05mm) Pipe	12.5lbs (5.7kg)	12.7lbs (5.8kg)
<b>JA - AL - C13</b>	8" × 8" × 4" (203 × 203 × 102mm)	3/4" (19.05mm) NPT Coupling	241.0lbs (109kg)	263.0lbs (119kg)
<b>JA - AL - C23R</b>	8" × 8" × 2" (203 × 203 × 51mm)	3/4" (19.05mm) Pipe	23lbs (10.4kg)	23.2lbs (10.5kg)
<b>JA - AL - C23</b>	8" × 8" × 2" (203 × 203 × 51mm)	3/4" (19.05mm) NPT Coupling	23lbs (10.4kg)	23.2lbs (10.5kg)

- All weights and dimensions are nominal and subject to variation in material compositions and Jennings Anodes Foundry tolerance.
- Other configurations are available upon special request.

## Quality Assurance & Testing

Jennings Anodes are manufactured in strict adherence to Our Internal ISO 9001:2015 Manufacturing Procedures. Testing Complies with NACE TM0190, NACE SP0387 and any Project Specific ITP requirements.

Our Standard Testing Equipment includes:  
5 Optical Emission Spectrometer, OBLF QSN 750. 3 Electrochemical Analyzer EPI 100. Reference Electrodes. Digital Calipers. Digital Scales & other measuring devices.

## Shipping Documents

- Invoice & Packing List
- Testing Reports (Chemical Composition, Electrochemical Properties Test, Certificate of Compliance)
- Others upon request (Certificate of Origin etc.)