

# Heater Treater Anodes – Al & Zn



Sacrificial anodes for most production vessels are critical components that protect the vessel from corrosion. Anodes for these applications should be simple to replace when consumed. Seaguard offers several variations that are specifically designed for the application. Most popular are the 3" x 21.5", 3" x 30" and 3" x 60" cylindrical shaped anodes. Smaller size anodes can be joined together to allow it to fit different requirements.

Aluminum anodes contain nominal amounts of indium, zinc, and silicon that deliver 1.10 volts (with respect to Ag/AgCl reference cell). These anodes have a proven track record and deliver excellent protection in produced brines with elevated temperatures.

Both Al and Zn anodes are available.

PID	Nominal Dimension				Material	Weight
	A	B	X	Thread Size		
SGHT321A	21.5" (546mm)	3" (76mm)	1.2" (30mm)	5/8-18 UNF	Aluminum	16lbs (7.3kg)
SGHT321Z					SHG Zinc	38lbs (17.3kg)
SGHT330A	30" (762mm)		4" (100mm)	3/4-16 UNF	Aluminum	22lbs (10.3kg)
SGHT330Z					SHG Zinc	56lbs (25.8kg)
SGHT360A	60" (1520mm)		Aluminum	47lbs (21.5kg)		
SGHT360Z			SHG Zinc	107lbs (48.5kg)		

Chemical Composition		
Alloy	Aluminum	SHG Zinc
Copper	0.004 max	0.002 max
Iron	0.090 max	0.0014 max
Indium	0.015 -0.020	--
Mercury	0.001 max	--
Silicon	0.08-0.20	--
Tin	0.001	0.001 max
Others	0.10 max	0.01 max
Zinc	4.0 -6.5	99.990 min
Aluminum	Remainder	0.002 max
Cadmium	--	0.003 max
Lead	--	0.003 max



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