



Silver Bullet™

Advanced Oxidation for Data Center Cooling Water

Classified as an Advanced Oxidation Process (AOP), this Silver Bullet technology uses only the surrounding air to generate a mixed oxidant. When the mixed oxidant hits the water, hydroxyl radicals are created.

Hydroxyl radicals are one of the strongest oxidant species available for water treatment. As the Silver Bullet AOP system's gas is applied to the water, the contaminants and minerals are oxidized.

This process kills bacteria, breaks down biofilm and mitigates scaling, which provides the customer the benefits of improved water quality and water system efficiency.

Benefits of the Silver Bullet™ AOP system:

- Mitigates scale and biofilm
- Helps improve heat transfer
- Maximize PUE/WUE
- Onsite chemical generator
- Reduce Maintenance
- Sustainable Green Chemistry

The Ideal Water Treatment System for:

- Adiabatic cooling systems
- Evaporative condensers
- Cooling towers
- Humidification systems



Product Specifications

	Model Number	
	CT140	CT230
Sleeve Power Treatment Capacity	Power 4.0 allows 0 – 400 tons	Power 13.0 allows 401-1,200 tons Power 16.0 allows 1,201 – 1,600 tons Power 20.0 allows 1,601 – 2,000 tons
Processor Sleeve(s)	1 sleeve, 16 1/2 in long, 1 1/2 in diameter	2 sleeves, 35 1/2 in long, 1 1/2 in diameter
Power Specifications	3.3 amps @ 120V	6.6 amps @ 120V
Weight	43 pounds	101 pounds
Dimensions of Enclosure	20 in H x 15 in W x 6 in D	45 in H x 24 in W x 10 in D
Dimensions and Weight of Shipment Box	13 in x 26 in x 26 in 8 lbs.	17 in x 60 in x 32 20 lbs.
Enclosure Type	NEMA 3R	
Digital Touch Screen	Not Included	Remote HMI Included
Compressor	1, GAST-MOA-P101-AA	2, GAST-MOA-P101-AA
System Flow	14 L/min @ free flow 8.5 L/min @ 1 bar 4.2 L/min @ 2 bar 4.7 L/min @ 30 PSI though Processor Sleeves	
Depth of Basin or Sump Allowed	1.5' - 20'	1.5' - 20'
Pressure Sensor Range	-10.0 PSI to 30.0 PSI	
Current Sensor Range	0.25 amps to 15 amps	
Certifications	<ul style="list-style-type: none"> • Registered with UL International – verified for safe electrical operation • Certified by NSF International – certified NSF/ANSI Standard 61: Drinking Water Systems Components – Health Effects 	

