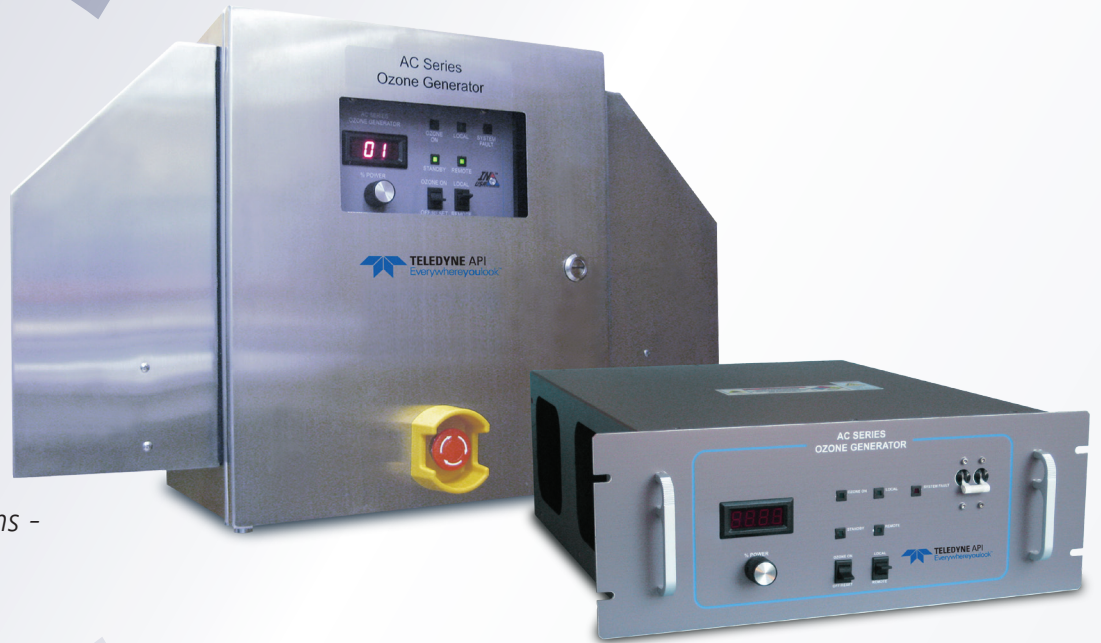




AC SERIES

Air-Cooled Ozone Generators

- Ideal for semiconductor,
food and beverage applications -



Features

- Silent corona discharge
- Oxygen fed
- Air cooled
- Local and remote mode operations
- Very compact
- Lowest cost of ownership
- Splash-proof stainless steel
(optional enclosure)

The AC series of ozone generators offers silent corona discharge technology in a very compact package. The ceramic-based, industrial grade ozone generators are capable of producing concentrations of ozone in excess of 200 g/Nm³ or 14% w/w.

The AC series generators are available in a 19 inch rack-mount enclosure or a rugged, wall-mount enclosure designed for harsh and demanding industrial environments.

For ease of use, each AC series ozone generator has an integrated controller enabling it to operate in local or remote mode. The built-in forced air cooling system is designed to efficiently circulate air through the system to cool the ozone generating cell and internal power supply. The only maintenance required is periodic replacement of the cooling air filters.

Applications

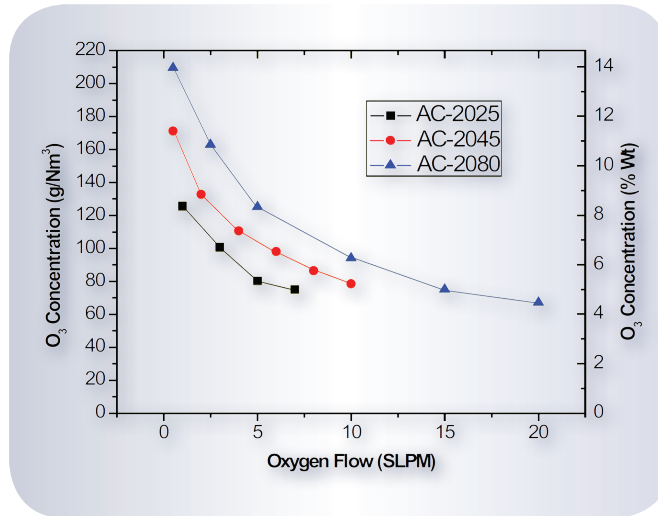
- Bottled water
- Food storage & processing
- Disinfection
- Laundry
- Semiconductor

Specifications

Model	AC-2025	AC-2045*	AC-2080
• Maximum Ozone Production	25 g/hr (1.25 lbs/day)	45 g/hr (2.2 lbs/day)	80 g/hr (4.5 lbs/day)
• Concentration	Up to 12% w/w	Up to 12% w/w	Up to 14% w/w
• On / Off	Local and Remote Control		
• Analog Interface	0-10 VDC 4-20mA (optional)		
• Fittings (inlet and outlet)	Compression Stainless Steel Fitting 1/4"		
• Feed Gas	Oxygen		
• Typical Feed Gas Flow Rate	0.1 to 8 slpm	0.1 to 10 slpm	0.1 to 20 slpm
• Operating Pressure	10 to 20 PSIG		
• Operating Temperature	36 - 95°F or 2 - 35°C (non-condensing) (applies to wall mount stainless steel enclosure models)		

• Cooling Requirement	Air Cooled		
• Power	110 - 240 VAC 50/60 Hz, 1 kVA Single Phase		
• Current	3.5 - 5 A	6 - 8 A	8.5 - 10 A
• Enclosure	19" Rack Mount or Splash-proof Stainless Steel Wall Mount		
• Dimensions	(W x H x D)		
• Rack Mount*:	19" x 6.97" x 19.63" (483 mm x 177 mm x 499 mm)		
• Wall-Mount:	30.14" x 20" x 11" (766 mm x 508 mm x 279 mm)		
• Weight (approximate)	Rack Mount* [†] : 35 lbs (16 kg) Wall Mount Stainless Steel: 65 lbs (30 kg)		
• Compliance	CE		
• Warranty	1 year		

* Available only in wall mount configuration



— OZONE INSTRUMENTATION FOR EVERY APPLICATION —					
Model	Generator Output	Off Gas Detection	Safety / Leak Detection	Dissolved Ozone	Spot Checking
465L		•	•		
465M		•	•		
465H	•				
454	•	•			
452	•				
430			•		•
W1 + 465L				•	
470				•	

Specifications subject to change without notice. All specifications are based on constant conditions. Printed documents are uncontrolled. SAL000098A (DCN 7917) 07.24.18