



Ozone: Simplified

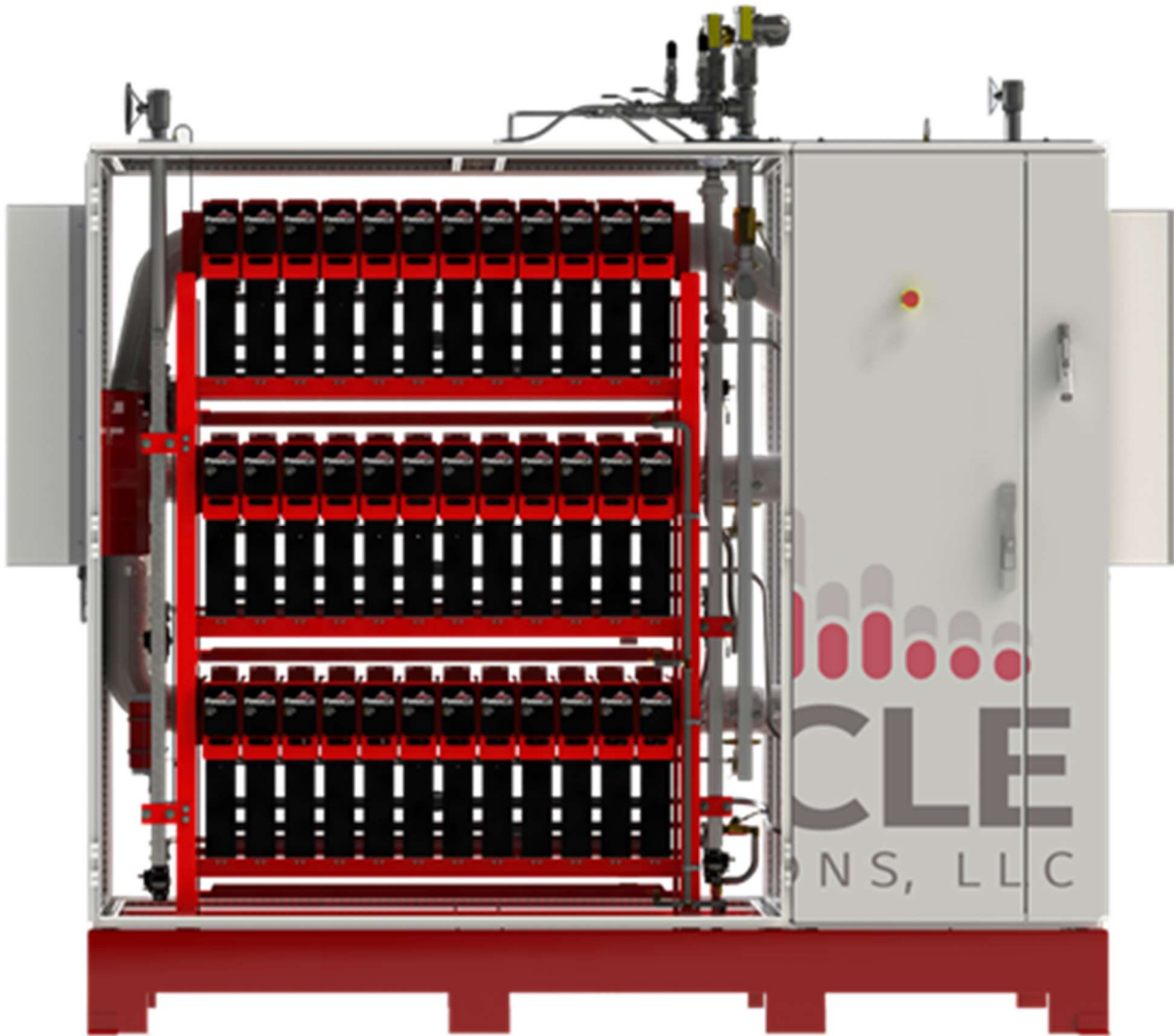
**Most advanced, complete, turn-key
Ozone Generator System**

ABOUT PINNACLE OZONE SOLUTIONS

Pinnacle Ozone was founded for the purpose of delivering the most advanced ozone technology. Built on the industry's first truly modular platform, Pinnacle systems fully leverage the performance and energy efficiency benefits of the revolutionary Quadblock® ozone generator cells. With more than 20 years of experience, we satisfy our customers' critical demands for high performance, unmatched reliability, industry-leading energy efficiency, and lowest total cost of ownership.



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Features

- Modular Ozone Cells
- Built In Redundancy
- Integrated Hi Frequency PSU & Controls
- Complete Ozone Process Instrumentation
- UL-508 Listed Enclosure w/touch safe Operation
- Ultra Compact Design

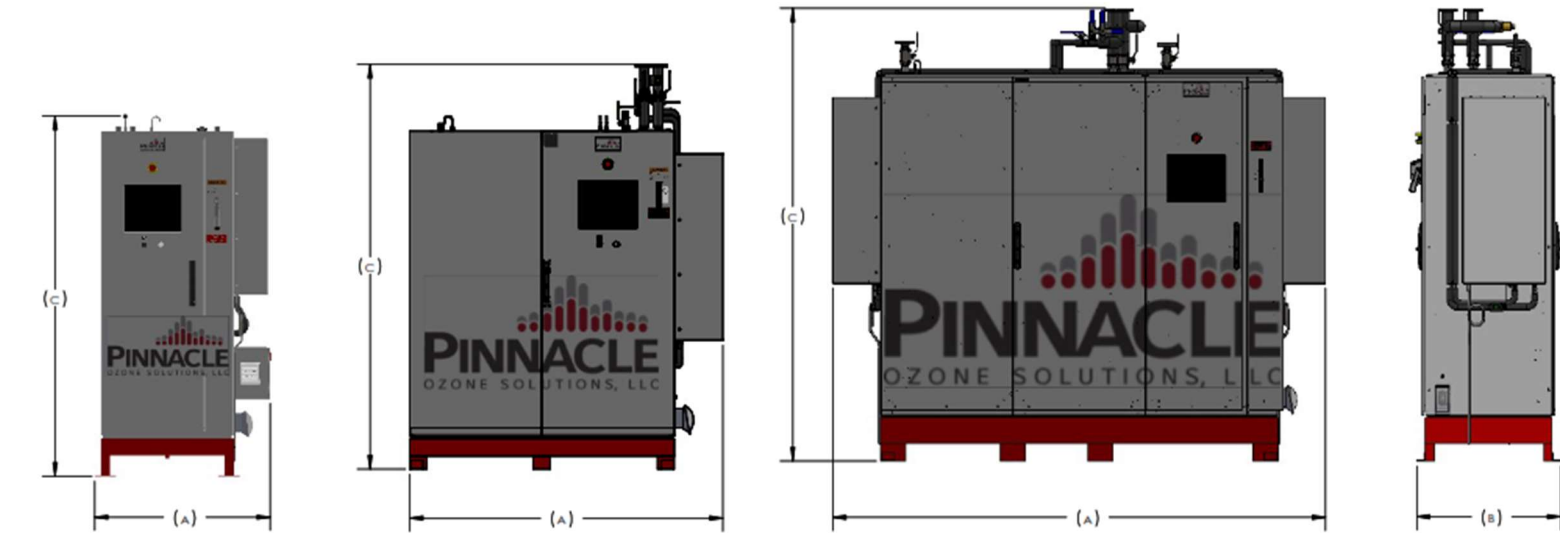
QuadBlock® Cells

Our patented completely modular Quadblock® design ensures a high level of redundancy minimizing downtime to nearly nothing. Our SLA Uptime is an impressive 99.9% over the life of the ozone generator.

- Maintenance Free Dielectrics
- Upgradable
- Integrated Controls
- Silent Hi Frequency Power Supply
- Rugged Construction

Compliance & Certifications

- UL 508A Listed, CSA, CE



Performance	Peak 5X	Summit 10X	Zenith 20X	Zenith 30X	Apex 36X
Concentration	6-20%BW				
Ozone output(LOX) kg/d @ 10% conc.	Up to 45.6 kg/d (100.5 ppd)	Up to 91.2 kg/d (201.0 ppd)	Up to 182.4 kg/d (402.1 ppd)	Up to 273.6 kg/d (603.2 ppd)	Up to 328.3 kg/d (723.8 ppd)
Ozone Output (V-PSA) kg/d @ 10% conc	Up to 38.4 kg/d (84.7 ppd)	Up to 76.8 kg/d (169.3 ppd)	Up to 153.6 kg/d (338.6 ppd)	Up to 230.4 kg/d (507.9 ppd)	Up to 276.5 kg/d (609.6 ppd)
Electrical Service	208-230V/50-60hz/3ph/5W (step-down transformer included, shipped separately)				
Rated Amps	60A (35 FLA)	110A (79 FLA)	200A (156FLA)	300A (234FLA)	400A (327FLA)
Oxygen Requirements					
Oxygen Flow Rate	465 slpm	930 slpm	1860 slpm	2790 slpm	2790 slpm
Oxygen feed	LOX Oxygen Feed				
	V-PSA Oxygen feed - Oxygen concentration ≥ 93%				
Cooling Water Requirements					
Cooling Type	Closed-Loop Chilled Water				
Cooling Fluid	Food Grade Glycol-Water Blend (30/70 blend, not included)				
Cooling Water Flow	12 gpm (45.4 l/min)	20 gpm (75.7 l/min)	40 gpm (151.4 l/min)	55 gpm (208.1 l/min)	68 gpm (254.7 l/min)
Cooling Load	~4.25 ton	~8.5 ton	~19.7 ton	~25.0 ton	~33.0 ton
Cooling water temp.	45° - 80°F [7° - 26°C]				
Features					
Enclosure	NEMA 12, Internally Cooled (NEMA 4-4X available on request)				
Operator Interface	15" Red Lion HMI [Others available on request]				
PLC	Schneider Electric M251 PLC [Others available on request]				
Dimensions (A x B x C)					
Outline Dimensions Inches [mm]	42 x 37 x 83 [1067 x 933 x 2107]	75 x 32 x 93 [1895 x 800 x 2369]	111 x 34 x 94 [2820 x 864 x 2388]	111 x 34 x 94 [2820 x 864 x 2388]	111 x 32 x 103 [2820 x 800 x 2616]