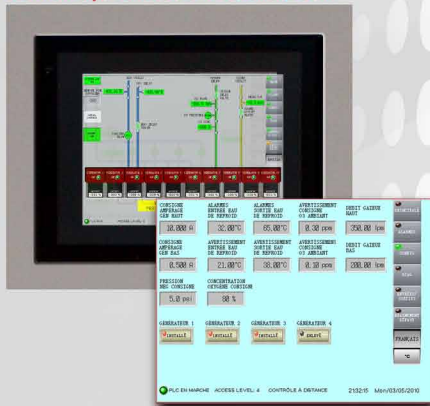


SPECIFICATION SHEET
THE ZENITH
ZENITH OZONE GENERATOR SYSTEM
Compact Zenith System Footprint

Zenith System User Touchscreen


Zenith series ozone systems from Pinnacle Ozone have been designed for municipal, commercial, industrial and food & beverage users requiring ozone to be delivered in a specific output rate with no deviation or shut down. These systems are designed to provide unparalleled output and redundancy without the requirement of a spare ozone generation system. There are multiple **Zenith** systems which are configurable by 20 lb./day increments into the following output ranges below.

220 lbs. per day | 300 lbs per day | 600 lbs per day

Specifications

Zenith Systems	Zenith-220	Zenith-300	Zenith-600
Ozone Output (5% by wt.)	220 lbs./day	300 lbs./day	600 lbs./day
Total QuadBlocks®	11	15	30
Oxygen Flow Rate	814 LPM	1110 LPM	2220 LPM
Oxygen Output Purity	>90%	>90%	>90%
Power Requirements	240 VAC, 3Ø, 65A	240 VAC, 3Ø, 91A	240 VAC, 3Ø, 182A
Water Coolant Flow	16.5 gal / 41.6 LPM	22.5 gal / 56.8 LPM	45 gal / 113.6 LPM
Coolant Water Temp.	50-65°F / 10-20°C	50-65°F / 10-20°C	50-65°F / 10-20°C
Enclosure (fan cooled)	Hoffman Concept	Hoffman Concept	Hoffman Concept
Dimensions / Weight	92.0"H x 96.0"W x 35"D 1820 lbs	92.0"H x 96.0"W x 35"D 2061 lbs	92.0"H x 96.0"W x 35"D 2961 lbs

Facilities Connections:

Oxygen Inlet	¾" SS, Comp.	1" SS, Comp.	1" SS, Comp.
Ozone Outlet	¾" SS, Comp.	1" SS, Comp.	1" SS, Comp.
Cooling Water In/Out	¾" SS, Comp.	¾" SS, Comp.	¾" SS, Comp.

Instrumentation:

O ₂ Flow Meter Rate	(2) 500 LPM	(3) 500 LPM	(5) 500 LPM
O ₂ Pressure Sensor	1	1	1
O ₂ Conc. Sensor	1 (0-100%)	1 (0-100%)	1 (0-100%)
Water Temp. Sensor	2 (in/out)	2 (in/out)	2 (in/out)
O ₃ Pressure Sensor	1	1	1
User Touchscreen	1 (12" screen)	1 (12" screen)	1 (12" screen)
PLC	Omron CJ1	Omron CJ1	Omron CJ1
O ₃ Output Control	0-100%	0-100%	0-100%
Remote Control	On/Off Control via Dry Contact. Output Control 4 – 20 ma.		
Remote Access	Ethernet / TCP/IP	Ethernet / TCP/IP	Ethernet / TCP/IP
CSA Listing	Available Upon Request		
Ambient Ozone Sensor	1 included (2 spare inputs)	1 included (2 spare inputs)	1 included (2 spare inputs)

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