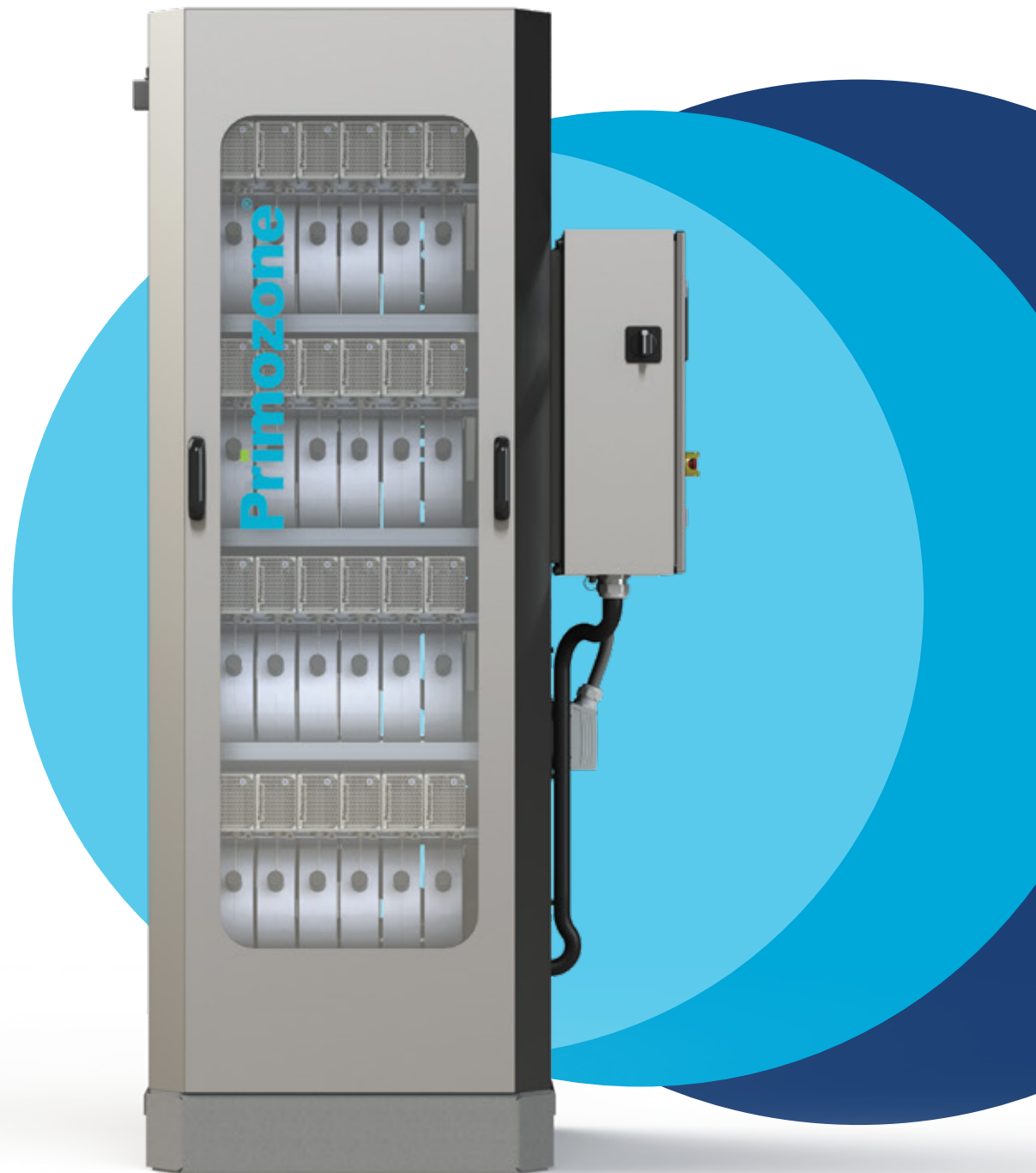


OZONE GENERATOR

GM 6 - 48 2.0

Primozone[®]
REDEFINING OZONE TECHNOLOGY



SMALL. COMPACT.

High Pressure & High Concentration



MAINTENANCE FREE.
Only general safety inspection.

**LOW CAPEX.
LOW OPEX.**

**EASY TO
INSTALL**

Plug & Play



PREMIUM.

THE PRIME OZONE GENERATOR.

The Primozone GM1-4 2.0 series high-performance ozone generators are based on the redefining ozone technology derived from the patented Primozone anodized aluminium reactor, a technology that enables the world's most reliable ozone production, with the smallest energy consumption and the lowest life cycle cost.

20% BY WEIGHT.

The Primozone ozone generators produce ozone at a higher concentration than other commercially available high capacity ozone generators. The Primozone ozone generators can produce ozone at a concentration of up to $300 \text{ g O}_3/\text{m}^3 \text{ O}_2$, equivalent to 20% by weight, with an absolute gas pressure of 4 bar(A) / 58 psi.

TRUSTED.

The high ozone concentration produced in Primozone's generators, together with the high gas pressure, result in a greatly improved efficiency when dissolving the ozone gas in water. Tests at the Norwegian Institute of Technology have measured 98% dissolution in less than 3 minutes. This proves that the Primozone generators are very efficient for water treatment, and also very cost effective. The high gas pressure makes it possible to use alternative injection systems and to place the generators further away from a reaction tank.



EASY TO OPERATE

No need for specialists to operate and control.



RE-THINKING REDUNDANCY (UNIQUE; BUILT-IN)

Running back up.
Primozone's unique built in solution.



SAFE, QUIET, RELIABLE

Suitable for office environments.
Quiet as a whisper.



MODULAR

Independent ozone reactors and power supplies



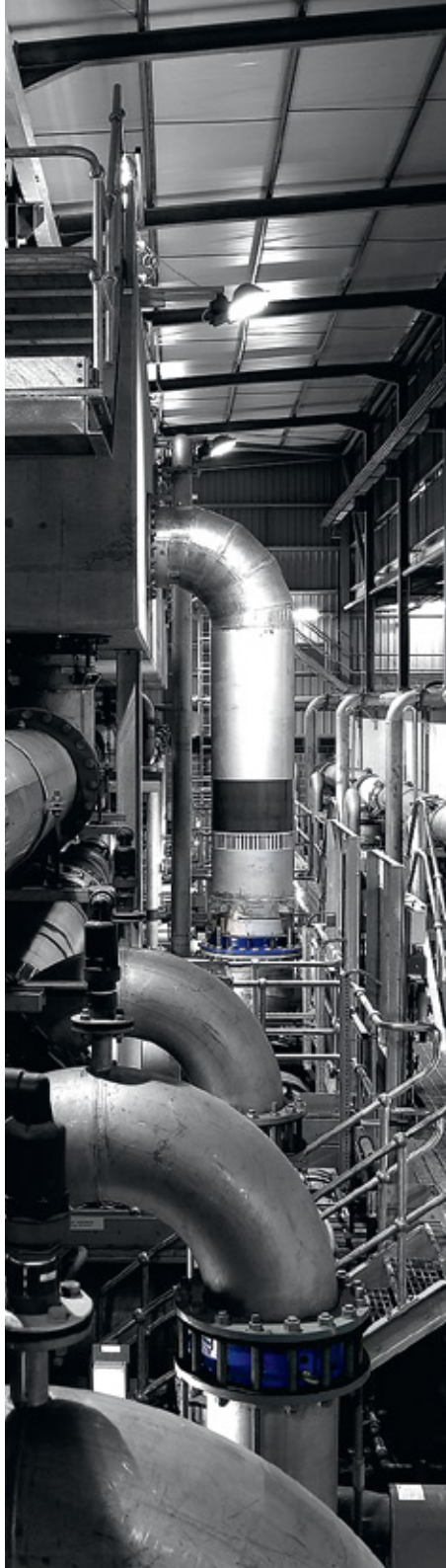
COMPACT DESIGN

Space efficient and enables easy retrofitting.



LESS ENERGY, LOWER OPEX

The innovative rethink of ozone technology yields impressive savings in energy use and costs compared to traditional ozone solutions.



EXCLUSIVE. INTELLIGENT.

Whatever size ozone generator you need, there is no reason to compromise on any features. All the Primozone ozone generators are based on the same redefining ozone technology that delivers world class ozone production.

The GM series offers ten standard size ozone generators. The modular design makes it possible to combine the standard generators to fit almost all your ozone needs, from small to large demand. Regardless of capacity needed, Primozone can offer a suitable solution.

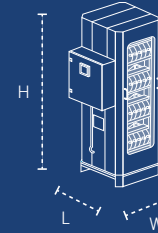
Depending on application and your needs, Primozone offers ten different ozone generators with an ozone capacity that range from 6 g to 2.9 kg ozone /h (0.3 to 153 lbs/day) with a 150-300 g/m³ ozone concentration. The GM6-48 series ranges from 20 g to 2.9 kg ozone /h (0,5 to 153 lbs/day). A combination of two or more generators can cover larger needs, with a capacity of up to 60 kg ozone /h (3200 lbs/day). An existing system can easily be upgraded with additional ozone generators to cover future increased needs.

The Primozone ozone generators produce ozone at the exact levels needed at any given time. When ozone production varies according to redox (ORP) value or flow, the oxygen and energy consumption for the complete system adjusts accordingly, making the complete solution energy efficient. This is only one of the unique features of the Primozone ozone generator.

Each generator has an integrated control system providing safety, monitoring and control. The system delivers information in real-time about ozone levels, gas pressure and gas flow. The ozone generator is equipped with a user friendly interface which makes it easy to operate. The built-in control system will automatically log and handle different production disturbances, e.g. loss of oxygen supply.

The Primozone ozone generator is a complete Plug and Play system, easy to install and operate. The modular design makes the generator reliable and very easy to maintain. Most systems are up and running within 24 hours after delivery. The small footprint of the Primozone ozone generator is a great advantage compared to conventional ozone generators. The space requirement could be as low as 20% of a standard generator.

TECHNICAL SPECIFICATIONS



GM	OZONE CONCENTRATION		MAX OZONE PRODUCTION**		MAX OXYGEN CONSUMPTION			MAX POWER (kW)	LENGTH x WIDTH x HEIGHT	WEIGHT
	g/m ³ *	%	g/hour	lbs/day	m ³ /h*	l/min*	SCFH*			
GM6	150	10%	360	19	2.4	41	86	3.6	793 x 420 x 602 mm 31.2 x 16.5 x 23.7"	85 kg 187 lbs
	200	13%	300	16	1.5	25	53			
	250	17%	240	13	0.95	16	34			
	300	20%	160	8.6	0.59	9.8	21			
GM12	150	10%	720	38	4.9	81	170	7.2	728 x 424 x 1193 mm 28.7 x 16.7 x 47"	230 kg 507 lbs
	200	13%	600	32	3.0	50	110			
	250	17%	480	25	1.9	32	67			
	300	20%	320	17	1.2	20	42			
GM18	150	10%	1100	57	7.3	120	260	10.8	728 x 424 x 1569 mm 28.7 x 16.7 x 61.8"	280 kg 617 lbs
	200	13%	900	48	4.5	75	160			
	250	17%	720	38	2.9	48	100			
	300	20%	490	26	1.8	29	62			
GM24	150	10%	1400	76	9.7	160	340	14.4	992 x 855 x 1634 mm 39 x 34 x 64.3"	470 kg 1 036 lbs
	200	13%	1200	63	6.0	100	210			
	250	17%	960	51	3.8	63	130			
	300	20%	650	34	2.4	39	83			
GM36	150	10%	2200	110	15	240	520	21.6	992 x 855 x 1634 mm 39 x 34 x 64.3"	570 kg 1 256 lbs
	200	13%	1800	95	9.0	150	320			
	250	17%	1400	76	5.7	95	200			
	300	20%	970	51	3.5	59	120			
GM48	150	10%	2900	150	19	320	690	28.8	992 x 855 x 2010mm 39 x 34 x 79.1	710 kg 1 565 lbs
	200	13%	2400	130	12	200	430			
	250	17%	1900	100	7.6	130	270			
	300	20%	1300	69	4.7	78	170			

The above figures can vary +/-10%

*These values assume gas properties are standardized at 0°C / 68°F and atmospheric pressure.

**At 10°C (50°F) cooling water temperature.