

REDEFINING OZONE TECHNOLOGY

Primozone® GM-series 2.0

The Primozone® GM-series ozone generators are based on the redefining ozone technology derived from the patented Primozone® aluminum reactor. A technology that enables the worlds most reliable ozone production, with the smallest energy consumption and at the lowest life-cycle cost.

Primozone is redefining ozone technology with its patented ozone generator that combines high ozone capacity, high ozone concentration and high gas pressure - all at the same time. No need to compromise. This guarantees an ozone generator with high performance and low operating cost.

High production capacity - ozone production capacity from 10 g O₃/h (0,54 lbs/day) up to 100 kg O₃/h (5390 lbs/day). Our built-to-fit generators are designed to meet the exact ozone amount needed

Highest ozone concentration - an ozone concentration of up to 20 wt% enables high performance, efficient dissolution and an energy efficient ozone production

Highest gas pressure - a gas pressure of up to 3.0 bar (g) (43,5 psig) enables for efficient dissolution and distribution of the ozone

Lowest oxygen consumption - the high ozone concentration reduces the oxygen consumption by 50%

Easy to use - no need for specialist competence to operate and control.

Sealed maintenance free aluminum reactors - the only maintenance required is a yearly inspection - no time consuming cleaning of the reactor is required

Sophisticated control system - to further reduce the energy consumption, the sophisticated control system varies the dosing automatically according to the ozone needed at any given time

Modular design - the modular design ensures a built in redundancy and there is no need to oversize

Smallest footprint - saves space and enables easy retrofitting

Quiet, safe and EMC-approved - the EMC-approval certifies that the ozone generator has no electromagnetic fields that interferes with other products or endangers the safety of the operator.

Furthermore with a noise level of less than 55 dB, this ozone generator can be placed anywhere





PRODUCT DATA SHEET

PRIMOZONE® GM-SERIES 2.0 OZONE GENERATOR

GM-model	Ozone concentration wt%	Ozone production		Oxygen consumption		GM energy consumption kW	Dimensions			
		gO ₃ /hour	lbs/day	Nm ³ /hour	Ft ³ /hour		Height	Width	Depth	Weight
GM48	10%	2880	152.1	19.2	678	28.8	2040mm/ 80 inch	980mm/ 39 inch	840mm/ 33 inch	700 kg/ 1543 lbs
	13%	2400	126.9	12.0	423.8	28.8				
	17%	1960	103.7	8.0	282.5	28.8				
	20%	1360	71.9	4.8	169.5	28.8				
GM36	10%	2160	114.1	14.4	508.5	21.6	1640mm/ 65 inch	980 mm/ 39 inch	840mm/ 33 inch	600 kg/ 1323 lbs
	13%	1800	94.8	9.0	317.4	21.6				
	17%	1470	77.4	6.0	211.8	21.6				
	20%	1020	53.4	3.6	127.2	21.6				
GM24	10%	1440	76	9.6	339	14.4	1020 mm/ 40 inch	980 mm/ 39 inch	840 mm/ 33 inch	500 kg/ 1102 lbs
	13%	1200	63.2	6.0	211.6	14.4				
	17%	980	51.6	4.0	141.2	14.4				
	20%	680	35.6	2.4	84.8	14.4				
GM18	10%	1080	57.0	7.2	254.3	10.8	1570 mm/ 62 inch	730 mm/ 29 inch	420 mm/ 17 inch	300 kg/ 661 lbs
	13%	900	47.6	4.5	158.9	10.8				
	17%	740	39.1	3.0	105.9	10.8				
	20%	520	27.5	1.7	60.0	10.8				
GM12	10%	720	38.0	4.8	169.5	7.2	1200 mm/ 47 inch	730 mm/ 29 inch	420 mm/ 17 inch	250 kg/ 551 lbs
	13%	600	31.7	3.0	105.9	7.2				
	17%	490	25.9	2.0	70.6	7.2				
	20%	341	18.0	1.1	38.8	7.2				
GM6	10%	360	19	2.4	84.8	3.6	600 mm/ 24 inch	800 mm/ 32 inch	420 mm/ 17 inch	100 kg/ 221 lbs
	13%	300	15.8	1.5	52.9	3.6				
	17%	245	12.9	1.0	35.3	3.6				
	20%	170	8.9	0.6	21.2	3.6				

Above figures are at full capacity

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Primozone began redefining ozone technology in 2000. Since 2003, Primozone Production AB has been wholly owned by Westfal-Larsen Technology of Bergen, Norway. Today Primozone's patented technology is used in water treatment installations in more than 40 countries worldwide.

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