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 O_3/h (0,54 lbs/day) up to 100 kg O_3/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

www.primozone.com

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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PRODUCT DATA SHEET

PRIMOZONE® GM-SERIES 2.0 OZONE GENERATOR

GM-model	Ozone con-centration 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%	1440	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%	1080	53.4	3.6	127.2	21.6				
GM24	10%	1440	76	9.6	339	14.4	1640mm/ 65 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%	720	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%	540	27.5	1.8	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%	360	18.0	1.2	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%	180	8.9	0.6	21.2	3.6				

Above figures are at full capacity.

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