

PRIMOZONE® GM1-GM2-GM3

high concentration ozone generators with compact design

The Primozone® GM1, GM2 and GM3 are the first truly industrial ozone generators designed for smaller ozone needs. Based on the proven Primozone ozone technology used in the larger units, these compact units are downsized without compromising

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.

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 - an absolute gas pressure of up to 4.0 bars (58 psi) enables for efficient dissolution and distribution of the ozone

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

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

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

Smallest footprint - extremely compact in size which makes it easy to manage and position even where space is limited. Wall mounted or stand-alone

Precise dosing - integrated control system with unique features that can vary the dosing and provide the desired ozone level at any given time

Production capacity - 10 - 180 g O₃/h (0.5 - 9.5 lbs/day) from oxygen

Modular & scalable - the housing can be fit with 1, 2 or 3 reactors, each with a separate power unit. No need to over-size and the capacity can easily be upgraded

Applications

- food and beverage
- medical
- swimming pools
- cooling towers
- textile industry
- aquaculture and more

I'm small and easy to install

Safe, compact & scalable with a capacity of 180 g O₃/h



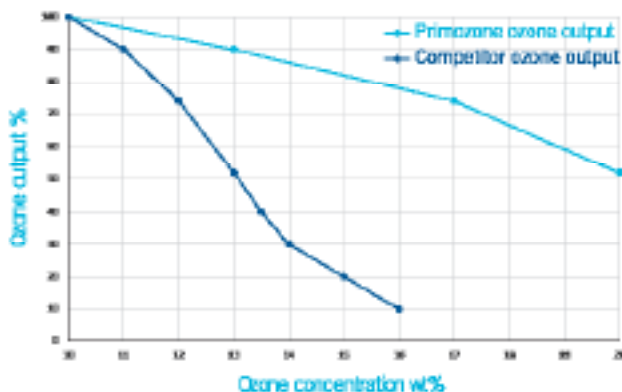
EFFICIENT OZONE PRODUCTION

One of the unique features of Primozone's ozone technology is the ability to deliver both high ozone concentration and high gas pressure at higher levels of ozone output. This is enabled by the unique Primozone aluminum plate reactor technology.

FEATURES

- Stainelss steel enclosure IP65 and NEMA 4
- Ozone pressure at outlet (absolute) Up to 4.0 bar (58 psi)
- Noise level Less than 55 dB
- Conformity CE
- Material Stainless steel and aluminum

7 X OZONE PRODUCTION CAPACITY



The graph shows that Primozone's ozone technology has more than 7 times the production capacity at higher ozone concentrations than competitive technology.



TECHNICAL DATA

| GM-model | Ozone con- | Ozone production | | Oxygen consumption | | GM energy | Dimensions | | | |
|----------|------------|-----------------------|---------|-----------------------|-----------------------|-----------|--------------------|--------------------|--------------------|--------------|
| | | gO ₃ /hour | lbs/day | Nm ³ /hour | Ft ³ /hour | | Height | Width | Depth | Weight |
| GM3 | 10% | 180 | 9,5 | 1,2 | 42,3 | 1.8 | 450 mm/ 18 inch | 580 mm/ 23 inch | 415 mm/ 16 inch | 60 kg/132 lb |
| | 13% | 150 | 7,9 | 0,8 | 26,4 | | | | | |
| | 17% | 132 | 7,0 | 0,5 | 18,6 | | | | | |
| | 20% | 105 | 5,6 | 0,4 | 12,3 | | | | | |
| GM2 | 10% | 120 | 6,3 | 0,8 | 28,2 | 1.2 | 450 mm/ 18 inch | 580 mm/ 23 inch | 415 mm/ 16 inch | 50 kg/110 lb |
| | 13% | 100 | 5,3 | 0,5 | 17,6 | | | | | |
| | 17% | 88 | 4,7 | 0,4 | 12,4 | | | | | |
| | 20% | 70 | 3,7 | 0,2 | 8,2 | | | | | |
| GM1 | 10% | 60 | 3.1 | 0,4 | 14,1 | 0.6 | 450 mm/ 18 inch | 580 mm/ 23 inch | 415 mm/ 16 inch | 40 kg/88 lb |
| | 13% | 50 | 2.6 | 0,3 | 8,8 | | | | | |
| | 17% | 44 | 2.3 | 0,2 | 6,2 | | | | | |
| | 20% | 35 | 1,9 | 0,1 | 4,1 | | | | | |

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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