

# OZONE GENERATOR SERIES GM 2.0

## PRIMOZONE® OZONE SYSTEM

### THE PRIMOZONE® GM-SERIES GENERATORS REDEFINES OZONE TECHNOLOGY

#### PRIMOZONE® GM 2.0-SERIES

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.

#### REDEFINING OZONE TECHNOLOGY

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<sub>3</sub>/h (0,54 lbs/day) up to 100 kg O<sub>3</sub>/h (5390 lbs/day). Our built-to-fit generators are designed to meet the exact ozone amount needed.

#### HIGHEST OZONE CONCENTRATION

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

#### HIGHEST GAS PRESSURE

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

#### SOPHISTICATED CONTROL SYSTEM

The high ozone concentration reduces the oxygen consumption by 50%. to further reduce the energy consumption, the sophisticated control system varies the dosing automatically according to the ozone needed at any given time

#### QUIET, SAFE AND EMC-APPROVED

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



#### SERIES GM 2.0

- ▶ Highest ozone concentration - up to 20% wt
- ▶ Highest gas pressure 3.0 bar (g) (43,5 psig)
- ▶ Smallest footprint
- ▶ EMC-approved with a noise level less than 55 dB

TECHNICAL DATA SERIES GM 2.0

| GM-model | Ozone concentration wt% | Ozone production      |         | Oxygen consumption    |                       | GM energy | Dimensions          |                    |                    |                     |
|----------|-------------------------|-----------------------|---------|-----------------------|-----------------------|-----------|---------------------|--------------------|--------------------|---------------------|
|          |                         | gO <sub>3</sub> /hour | lbs/day | Nm <sup>3</sup> /hour | Ft <sup>3</sup> /hour |           | Height              | Width              | Depth              | Weight              |
| GM48     | 10%                     | 2880                  | 152.1   | 19.2                  | 678                   | 28.8      | 2040 mm/<br>80 inch | 980 mm/<br>39 inch | 840 mm/<br>33 inch | 700 kg/<br>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      | 1640 mm/<br>65 inch | 980 mm/<br>39 inch | 840 mm/<br>33 inch | 600 kg/<br>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                  | 76.0    | 9.6                   | 339.0                 | 14.4      | 1020 mm/<br>40 inch | 980 mm/<br>39 inch | 840 mm/<br>33 inch | 500 kg/<br>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/<br>62 inch | 730 mm/<br>29 inch | 420 mm/<br>17 inch | 300 kg/<br>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/<br>47 inch | 730 mm/<br>29 inch | 420 mm/<br>17 inch | 250 kg/<br>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/<br>24 inch  | 800 mm/<br>32 inch | 420 mm/<br>17 inch | 100 kg/<br>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