



The water treatment specialist

ozone triogen® O₃ M series

The **triogen® O₃ M series** ozone generators are utilised for **large volumes of water**. These self-contained units provide exceptional disinfection with effective treatment against chlorine resistant micro-organisms, oxidation of various organic matter and flocculation of colloidal particles, which significantly improves water quality.

applications

- Commercial pools
- Hotel and club pool
- Aquariums and water parks
- Fountains and water features

benefits +

- Safely lower free chlorine residual with effective disinfection including chlorine resistant micro-organisms
- Chloramine destruction reducing "red eye" and irritation of skin and respiratory system
- Significant improvement in water clarity and air quality
- Helps to inhibit the growth of algae
- Trihalomethane (THM) levels are minimised
- Simple to install and operate with minimal plant room space requirement
- Designed for maximum operator and bather safety

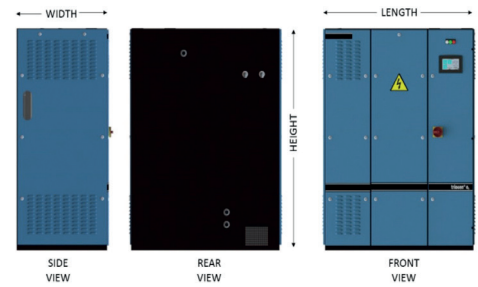
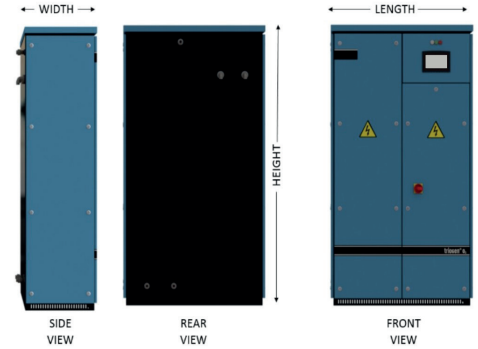
technical features

- Ozone safely generated and injected under vacuum
- Unique 'Free tube' ozone module design
- Colour touch screen 7" HMI on control panel
- Self-contained system (single enclosure)
- Refrigerated air pre-dryer (M7 models only)
- Dew point Monitor (standard on M7 or optional on M6)
- triogen® O₃ M models can be supplied with constant ozone output or automatic regulation to suit the intended process.
- The system operates under vacuum conditions created by a water driven venturi ensuring maximum safety in operation.
- Internal partitioning with removable access doors for ease of maintenance
- Pool water can be used as cooling water
- CE certified, manufactured to ISO 9001 : 2015



technical data

Model	Ozone flow rate in g/hr	Air flow rate in m ³ /hr	Power consumption in kW	Dimensions in mm (L x H x W)
triogen® O ₃ M6-15S	15	0.7	0.60	1060 x 1880 x 530
triogen® O ₃ M6-25S	25	1.3	0.89	1060 x 1880 x 530
triogen® O ₃ M6-50S	50	2.7	1.47	1060 x 1880 x 530
triogen® O ₃ M6-100S	100	5.4	2.85	1060 x 1880 x 530
triogen® O ₃ M6-150S	150	8.1	4.20	1060 x 1880 x 1030
triogen® O ₃ M6-200S	200	10.8	5.70	1060 x 1880 x 1030
triogen® O ₃ M6-20A	20	0.7	0.86	1060 x 1880 x 530
triogen® O ₃ M6-33A	33	1.3	1.30	1060 x 1880 x 530
triogen® O ₃ M6-65A	65	2.7	1.80	1060 x 1880 x 530
triogen® O ₃ M6-130A	130	5.4	3.00	1060 x 1880 x 1030
triogen® O ₃ M6-190A	190	8.1	4.50	1060 x 1880 x 1030
triogen® O ₃ M6-260A	260	10.8	6.60	1060 x 1880 x 1030
triogen® O ₃ M7-65A	65	2.7	2.50	1370 x 1800 x 830
triogen® O ₃ M7-130A	130	5.4	3.90	1370 x 1800 x 830
triogen® O ₃ M7-190A	190	8.1	5.40	1370 x 1800 x 830
triogen® O ₃ M7-260A	260	10.8	7.60	1370 x 1800 x 830
triogen® O ₃ M7-320A	320	13.5	10.00	1370 x 1800 x 830
triogen® O ₃ M7-390A	390	16.2	12.20	1370 x 1800 x 830
triogen® O ₃ M7-450A	450	18.9	14.40	2390 x 1800 x 830
triogen® O ₃ M7-520A	520	21.6	16.20	2390 x 1800 x 830
triogen® O ₃ M7-580A	580	24.3	18.00	2900 x 1800 x 830
triogen® O ₃ M7-650A	650	27.0	20.60	2900 x 1800 x 830
triogen® O ₃ M7-750A	750	32.4	23.80	1880 x 1800 x 1660



For requests outside of technical specifications, please contact us

quality standards

- ISO 9001 : 2015
- CE approved

controls and outputs

- Digital Inputs: Remote booster pump start-stop, remote ozone start-stop, ozone output
- Digital outputs: Booster pump fault, ozone ON
- Dew point meter (if dew point monitor is fitted)
- Air flow alarm switch
- Water flow switch
- Remote 4-20mA control

contact

triogen® by BIO-UV Group
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 www.bio-uv.com

materials

- Enclosures: mild steel, polyester coated
- Patented Ozone module: 316L stainless steel lined PVC outer body
- Air dryer: mild steel, epoxy coated

options

- Standard ("S") constant output or Automatic ("A") constant
- Dew point monitoring system (standard on M7 models)
- Metric/Imperial connections provided
- All required ancillaries available for complete system specification