

O₃ M Series

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, club and private pool
- Aquariums and water parks

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

MAIN FEATURES

- Ozone safely generated and injected under vacuum
- Patented '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)
- Internal partitioning with removable access doors for ease of maintenance
- Pool water used as cooling water medium
- CE certified, manufactured to ISO 9001 : 2015

TECHNOLOGY

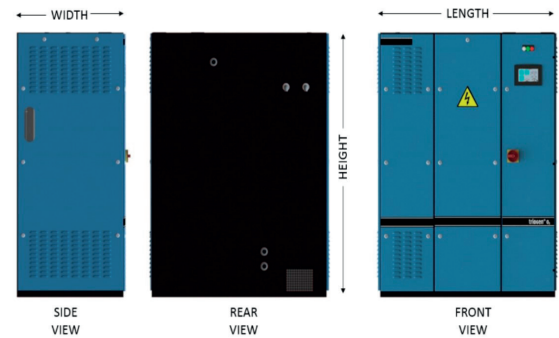
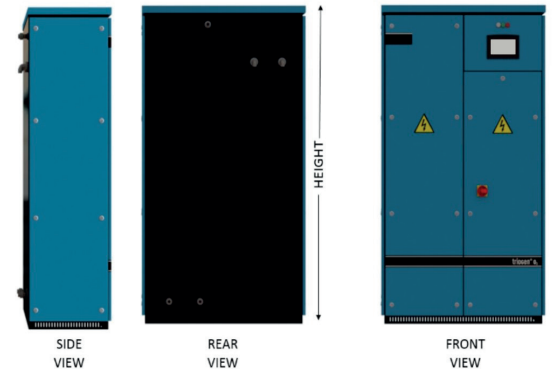
- Ozone is produced when air is passed over a dielectric ozone generating module. triogen[®] O3 incorporates the patented "Free Tube" module design which gives excellent dielectric reliability and decreases maintenance requirements.
- The ozone modules have a PVC outer body fitted with stainless steel liner tubes to give long term resistance to chlorinated water allowing pool water to be used in the generator cooling system.
- The dielectric tubes and electrodes are suspended within the liner tubes which removes expansion stresses from the dielectrics which results in maximum reliability and long life.
- 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.



O₃ M Series

TECHNICAL DATA M6 MODEL	Ozone Output	Air Flow	Power Consumption	L x H x W
	g/h	m ³ h	kW	mm
M6-15	15	0.7	0.60	1060 x 1880 x 530
M6-25	25	1.3	0.89	1060 x 1880 x 530
M6-50	50	2.7	1.47	1060 x 1880 x 530
M6-100	100	5.4	2.85	1060 x 1880 x 530
M6-150	150	8.1	4.2	1060 x 1880 x 1030
M6-200	200	10.8	5.7	1060 x 1880 x 1030
M6-20A	20	0.7	0.86	1060 x 1880 x 530
M6-33A	33	1.3	1.30	1060 x 1880 x 530
M6-65A	65	2.7	1.80	1060 x 1880 x 530
M6-130A	130	5.4	3.00	1060 x 1880 x 530
M6-190A	190	8.1	4.5	1060 x 1880 x 1030
M6-260A	260	10.8	6.6	1060 x 1880 x 1030

TECHNICAL DATA M7 MODEL	Ozone Output	Air Flow	Power Consumption	L x H x W
	g/h	m ³ h	kW	mm
M7-65A	65	2.7	2.5	1370 x 1800 x 830
M7-130A	130	5.4	3.9	1370 x 1800 x 830
M7-190A	190	8.1	5.4	1370 x 1800 x 830
M7-260A	260	10.8	7.6	1370 x 1800 x 830
M7-320A	320	13.5	10.0	1880 x 1800 x 830
M7-390A	390	16.2	12.2	1880 x 1800 x 830
M7-450A	450	18.9	14.4	2390 x 1800 x 830
M7-520A	520	21.6	16.2	2390 x 1800 x 830
M7-580A	580	24.3	18.0	2900 x 1800 x 830
M7-650A	650	27	20.6	2900 x 1800 x 830



QUALITY STANDARDS

- ISO 9001 : 2015
- CE Approved

ELECTRICAL SUPPLYS

380-415V/3ph/50-60Hz

MATERIALS

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

CONTACT

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REMOTE CONTROLS AND SIGNALS

- 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

OPTIONS

- Standard ("S") constant output or Automatic ("A") ozone concentration
- Dew point monitoring system (standard on M7 models)
- Split output available on certain models (enclosure dimension subject to change)



Your local distributor: