

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

APPLICATIONS

- Commercial pools
- Aquariums
- Aquaculture

BENEFITS

- Safely lower free chlorine residual with effective disinfection including chlorine resistant micro-organisms
- Chloramine destruction reducing skin, eye and respiratory irritation
- Significant improvement in water clarity and air quality
- Improves algae control
- Very low THM levels and rapid COD removal
- 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
- Coloured touch screen 7" HMI
- Self-contained system (single enclosure)
- Refrigerated air pre-dryer (M7 models only)
- Dew point Monitor (standard M7 or optional M6)
- Internal partitioning with removable access doors for ease of maintenance
- Pool water used as cooling water
- CE certified, manufactured to ISO 9001:2008

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 all expansion stresses from the dielectrics which results in maximum reliability and long life. All triogen[®] O3 models supplied with automatic ozone output variation and easy to operate electrical controls. The system operates under vacuum conditions created by a water driven venturi ensuring maximum safety in operation.



QUALITY STANDARDS

- ISO 9001: 2008
- CE Approved

MATERIALS

- Enclosures: mild steel polyester coated
- Patented Ozone module: 316L SS Electrode assembly inside a stainless steel lined PVC outer body
- Air Dryer: mild steel epoxy coated

REMOTE CONTROLS AND SIGNALS

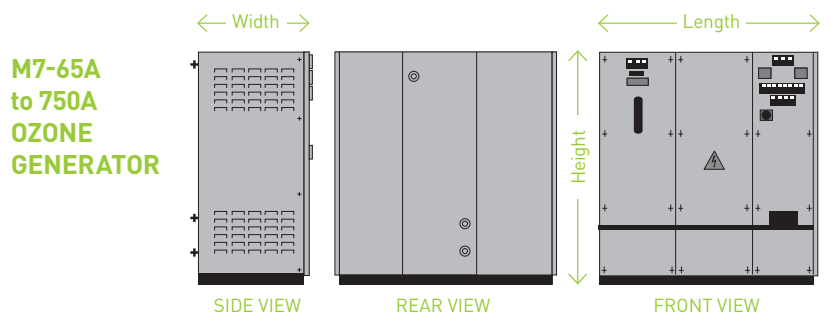
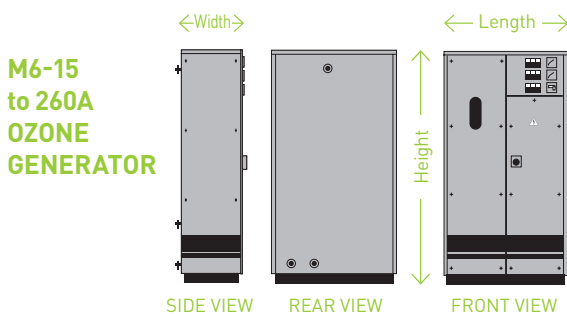
- Digital Inputs: Remote Booster Pump, Start-Stop, Remote Ozone Start-Stop, Ozone Output
- Digital Outputs: Booster Pump Fault, Ozone ON
- Dew point meter (if dew point monitor)
- Air flow alarm switch
- Water flow switch

OPTIONS

- Constant ozone concentration or fully automatic (A models)
- Dew point monitoring system (optional on M6 models only – standard on M7 models)

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
M7-750A	750	35	23.8	1880 x 1800 x 1660



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