

AquaNomics

Ozone Systems

AquaNomics Ozone Generator utilizes Photochemical reaction under intense UV-Ray. When oil-free, dry atmospheric air delivered by a compressor is exposed to Ultra-Violet radiation of 185nm wavelength, the bonding of O₂ will break and combine with another oxygen to form Ozone. The advantage of producing Ozone by UV instead of other conventional method is low power consumption, simple and easy to operate.

Ozone is one of the strongest oxidizing agents. Its oxidizing power enables it to remove color, unpleasant odour, organic matter and bacteria.

In all applications to date, there have been no damaging effects to systems or the environment nor any toxic by-product been formed. In the oxidation process, Ozone is reduced into oxygen hence there is no residual.



Model : AQ/OZ-1L

These Ozone Generators, are used widely in :-

Swimming Pools

Bottling Plants

Cooling Towers

Household Spas

Food Processing Plants

Aquariums

Cleaning of Pipes Systems

Fish Tanks



Model : AQ/OZ-2L



Model : AQ-OZ-06



Model :AQ-OZ-4L

Specification data

Model	Ozone Output (g/hr)	Electrical consumption at 220 VAC 50Hz (W)	Free Air Delivery Required (l/s)	Max. Air Size Pressure Input (bar)	Size (LxWxH) (mm)	Weight Kg)
AQ/OZ-06	0.4	60	1	4	165x365x580	8
AQ/OZ-1L	3.7	80	11/2 - 2	4	165x365x1135	9.5
AQ/OZ-2L	10.5	180	2	8	255x695x1160	38.5
AQ/OZ-4L	21	360	4	8	1180x955x280	55
AQ/OZ-8L	42	720	8	8	1180x1200x295	75

Above models (except AQ/OZ-12) complete with standard equipment - alarm system, indicating light for ozone lamps, ventilation in control cabinet on/off switch with pilot light, drain valve for cylinders, drain valve for ozone supply pipe, automatic cut off if low pressure, none return check valve, ozone diffuser and air dryer filter

Standard voltages of units are 110V60Hz and 220V50Hz, other voltages will be available upon special orders

Stated ozone output is based on maximum lamp rating. The actual output of system is subject to operational conditions

Compressor and Air Dryer Optional equipment

Due to constant production improvements we reserve the right to change specifications without notice.