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Advanced Ozone Products

BOB-7 All-in-one Water Ozonation 2 g/hr from ambient air

Features

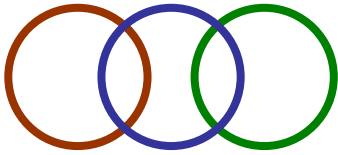
- All-in-one system
 - Feed gas preparation
 - Ozone generation
 - Ozone / water integration
- Compact weatherproof cabinet for outdoor installation
- Simply connect to a water pump to produce ozonated water
- Supplied with pressure gauge/switch and pump adaptor



Applications

- Bottle rinsing
- Disinfection of DI Water for industrial production processes
- Cooling tower treatment up to 50 RT (Refrigeration Tons), equivalent to 600,000 Btu/hr or 175 kW
- Water recycling
- Aquaculture and aquarium
- Swimming pool, Spa
- Water storage





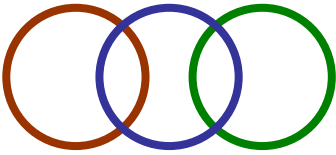
Specification

BOB-7

All-in-one Ozonated Water Generator

Feed gas preparation, ozone generation, ozone/water integration, all in a compact weatherproof cabinet

Dimensions	205W x 190D x 480H mm
Weight	12 kg
Ozone production	2 g/hr
Ozone concentration in water	Up to 0.6 ppm dissolved in potable water for 500 litre/hour take-off
Water flow rate through BOB-7	1500 to 3000 litre/hour at 2 Bar g inlet pressure and no outlet back pressure
Cabinet construction	Stainless steel
Ozone injector	Stainless steel Venturi based integrated Coaxial Mixer
Feed gas	Ambient air sucked in by vacuum
Principle of operation	Venturi vacuum, no pressurized ozone
Ozone generation	Corona discharge between quartz tubes with special coating High frequency power supply, IGBT based
Indicators	LEDs for power on/off and ozone generation
Power consumption	190 W
Cooling	Internal, via process water flowing through Venturi
Water inlet/outlet connections	1" thread, stainless steel
Water inlet pressure gauge	Pressure gauge with electrical contact to interlock ozone production
Power supply requirement	AC 220-240 V, 50/60 Hz, single phase
Certification	CE and EMC certified
Warranty	Complete system 2 years



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BOB- 7 Installation

The BOB-7 should be installed downstream of an ozone resistant pump as follows:

Pump flow rate Q	1.5 – 3 m ³ /hr
Pump outlet pressure	2 bar g with BOB-7 outlet back pressure of < 0.2 bar g
Particle size	< 100 µm

Suitable pump and pre-filter available on request

BOB-7 Water flow

