

Equipment Datasheet

(SSO-03-02GPOOL01 – ≤ 25m³ Swimming Pool O₃ System)



FEATURES

- PROTECTION AGAINST OVERHEATING
- AIR COOLING
- DOES NOT CHANGE THE PH OF THE WATER

BENEFITS

- DESTROY BACTERIA, FUNGI, VIRUS AND ALGAE
- REDUCES COSTS AND CLEANING TIME
- REDUCES WATER CONSUMPTION
- REDUCES ODORS
- AVOID EYE AND SKIN IRRITATION

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Product Advantages

Using ozone to treat the water in a swimming pool has numerous advantages, not only for users, but also for the environment. Ozone (O₃) has a high oxidative power making it a great antiseptic, as it can destroy viruses, bacteria and all pathogenic germs. Ozone, unlike chlorine, does not leave toxic residues, making it a 100% natural disinfectant.

Costs Savings

One of the many advantages of using ozone for disinfecting pool water is cost savings. The ozone generator for swimming pools uses oxygen as a raw material and releases that same gas as waste. This way, it not only reduces maintenance costs, but it eliminates expenses with chemical products, and it is also ecologically more sustainable. The use of ozone in the treatment of the pool does not change the pH, making life easier for users.

Ozone Effects

Ozone is 25 times more effective than chlorine due to its high oxidizing power. It can eliminate bacteria, viruses and other pathogenic microorganisms present in the water. Ozone is the most effective natural germicide in existence. This acts in the destruction of the cell wall, directly attacking the DNA of microorganisms.

Water treated with Ozone

Ozone in the water treatment has an algacide and flocculant effect, providing clean and crystalline water. The water is odorless, does not cause skin and eye irritation, nor does it damage hair or bathing suits.

Technical Specifications – Model SSO-O3-02GPOOL01

System Features	
H ₂ O Volume	≤25 m ³
Voltage	230V AC
Power	60W
Thermal Protection	60°C
Measures (H x W x D)	30 x 25 x 21 cm
Weight (kg)	7,25
Maintenance	Periodic (see Manual)

Supply Gas	
Input	Air (Optional Oxygen)
Input Type	Internal
Air Flow	4 Lpm

Atmospheric Temperature	
Working	From 0°C to 45°C
Storage	From -10°C to 60°C

Ozone Generator	
Oxygen Flow	4 Lpm
Ozone outlet based on oxygen supply	2 g/h
Power	20 W
Cooling	Air cooling to the inner and outer electrode

Venturi	
Venturi Size	½ "
Water pump power (KW)	0.35
Inlet pressure (bar)	2.0 – 4.0
Outlet pressure (bar)	0.0 – 1.0
Air suction capacity (Nm ³ /h)	4.0 – 7.0
Dissolved oxygen (kg O ₂ /h)	0.3 – 0.5
Water flow (m ³ /h)	0.2 – 1.0

Symbol Legend:
 m³ – Cubic Meter / m² – Square Meter
 cm – Centimeter / m – Meter
 Lpm – Liters per minute / L - Liter
 W – Watts / KW – Kilo Watts
 V – Volts / KV – Kilo Volts
 Hz – Hertz / AC – Alternating Current
 °C – Centigrade Degrees
 O₂ – Oxygen / O₃ – Ozone / H₂O – Water
 K – Kilo / g – Gram / mg – Milligram
 h – Hour