



Ozone & oxygen integrated series (air-cooling)

The series of product utilize oxygen from the internal oxygen generator as gas source, and high concentration ozone is generated by the ozone generation technology. The product has integrated oil-free air compressor, filtering system, and ozone is produced by just power on it.

Product series

- ◆ SOZ-YOB-10G ◆ SOZ-YOB-15G
- ◆ SOZ-YOB-20G ◆ SOZ-YOB-30G

Product features

- 1.The product utilize molecular sieve as adsorbent from the American UOP company, and pressure swing adsorption (PSA) process to separate oxygen and nitrogen and filters harmful substance from the air. Then high level oxygen is created which meets the standard of medical oxygen.
- 2.The products utilize large power IGBT modules, extremely stable, high efficiency, long lifespan dehydroxylation quartz glass structure (Patented by BNP), air cooling parts, world-class essential components and world-leading intelligent design.
- 3.Ozone amount continuous adjustable, low noise level
4. Easy operation and constant flow of oxygen is created on-site

Parts

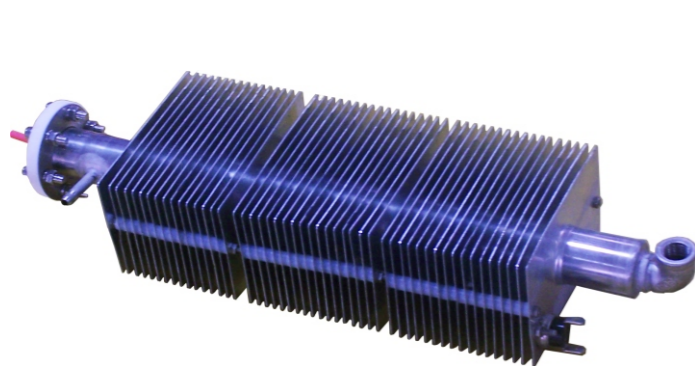
- ◆ Gas water separator
- ◆ Oil-free air compressor
- ◆ Ozone generation unit
- ◆ Two sets of oxygen generation units (American UOP modular sieve)
- ◆ Solenoid valve (CKD and SMC from Japan, AIRTAC and SNS from Taiwan)
- ◆ Switching board
- ◆ Ammeter
- ◆ Gas flow meter
- ◆ Taiwan 150 type fan
- ◆ Ozone regulation knob etc
- ◆ Stainless steel enclosure

related data and charts (note: the following parameters and machine picture might be appropriate changes)

SOZ-3G-30G product parameters

Parameter Model	Ozone production (g/h)	Output pressure (kg/cm ²)	Oxygen flow (L/min)	Oxygen concentration	Power(W)	Lectrical power supply (V/Hz)		Dimension(mm)
SOZ-YOB-10G	10	0.8±0.2	3	85%±5	520	220/50	110/50-60	500x390x1200 LxWxH
SOZ-YOB-15G	15	0.8±0.3	3		600			
SOZ-YOB-20G	20	1.5±0.3	5		840			
SOZ-YOB-30G	30	1.5±0.3	5		960			

Integrated series product picture



● ozone cell



● High voltage power supply unit



● (Electronic intake valve)



● (Air compressor pump)