



## OZO 1 VTTL STAINLESS

### • FEATURES

- Patented ozone corona electrode
- Highly efficient air cooling
- High ozone concentration ( up to 1% in air, 10.0% but output capacity will be reduced
- Stable ozone production
- Modular design
- All components UL and/or CSA approved
- All SS enclosure
- Easy maintenance and service
- Low energy consumption.
- Air or oxygen feed
- 1 year warranty against any manufacturing defects (must be installed according to specifications)
- Wide range of operation and controls
- Light weight as compared to the Low frequency models
- Easier custom manufacturing with many options .



Dim: 8/20/5 inches  
weight 10 Lbs

Nominal Ozone Output at STP Grams/hour	
Air Feed :	5.0
Oxygen Feed :	10.0

This model was created to meet the demand of residential applications and for small air purifiers. This unit can work with dried air or with oxygen. If used with oxygen the output of ozone will double. It can work with a venturie (under suction) or can work with an air compressor. All components used are CSA & UL approved. Corona lamps are patented.

# ***Parameters, Usage Conditions and Precautions***

## **Parameters:**

Dimensions: 8x17x6 inches Weight: 12.0 lbs

Number of Corona tubes/Fans/Power supply: 1 VTTL

Ambient temperature : 35 C Maximum Ambient humidity : < 50 % R.H (relative humidity)

Voltage : 120 V 50- 60 Htz Current / Power : 1.6 A or 0.8 A / 180 watts

Air specifications for O3 generation:

Air temperature: 10 C Min 30 C Max

Humidity: < -20 C dew point or better

Flow rate: 10 CFH Min & 30 CFH Max (CFH = Ft3/Hr)

Ozone concentration: 0.6-1.0 % with dry air 20 CFH ( 10 l/min) & 5 % with O2 at 5 CFH ( 2.5 l/min) .

O3 output measurements: UV absorption with dry air at 20 CFH/corona tube (see standard specifications)

## **Usage conditions & pre cautions:**

1-Above specifications and parameters have to be met. Max air pressure delivery to Ozonator = 15 PSI (Lbs/Sq.Inch)

2-Can be used with undried air for intermittent use 15 minutes max every hour 30 CFH (0.5 CFM).

3-Can be used continuously with dried air at 60 CFH (1 CFM) at -40 C dew point or better

Model	Number of Tubes	Output ( Air Feed) / O2		Dimensions (W/H/D)		Nominal Power WATTS
		GRMS (HR)	LBS/ DAY	Inches	Cm	
OZO 1VTTL	1	5.0/10.0	0.2/0.5	8/20/5	20/51/ 13	50 watts