

# Air Cooled Ozone Generator

OG/LC- Series



## Specification :

Series	: OG/LC - 2 / 3 / 5 / 7 / 10 / 15
Make	: Chemtronics®
Feed Gas	: Pure Dry Oxygen
MOC of Ozone Reactor	: SS 316 / Ceramic / PTFE
Reactor Cooling	: Forced Air Cooled - internally & externally
Heat Dissipation	: Radiator fins design - External
Power Amplifier	: MOSFET Technology
Dielectric	: Precision Ceramic Teflon Coating
Enclosure - MOC	: Carbon Steel
Enclosure - Protection	: IP - X4
Enclosure - Finish	: RAL7035, Structure Powder Coating
Certification	: ISO
Indicator	: Power + Stand By + Ozone ON
Operating Temperature	: 15° - 35° C
Operation	: Fixed / Adjustable [Output Power & Ozone Output]
Specified Life	: 10,000 working Hrs, under normal operating condition
Service Indicator	: Non Resettable Hour Meter
Mounting/Installation	: Floor / Wall / Skid
Line Voltage	: 230V AC ; 50 Hz ; I Phase



Ozone Generator

## Accessories :

### Standard ▶

- Oxygen Tubing : MOC - Polyurethane (PU) - 03 meter
- Ozone Tubing : MOC - Polypropylene (PP) - 03 meter

### Optional ▶

- Venturi : 1" ; 1 1/2" (MOC - SS)
- Static Mixer : 1 1/2" ; 2"(SS - 316)
- Back Flow Preventer : 1/2" (PVC)
- Oxygen Concentrator : 05 LPM
- Ozone Mixing Pump : SS 316



Tubing



Back Flow Preventer



Venturi



Static Mixer

## Accessories

## Applications :

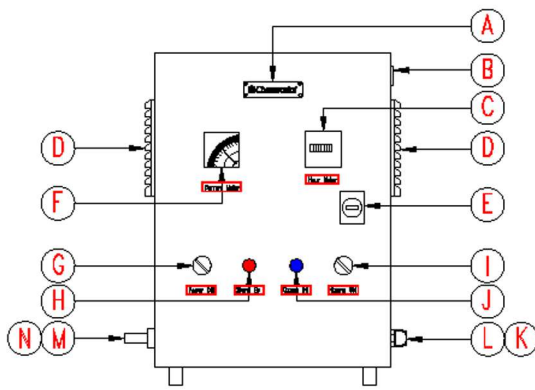
- Water
- Waste Water
- Packaged Drinking Water
- Swimming Pool
- STP Tertiary Treatment
- Fruits & Vegetable Washing
- CIP / COP



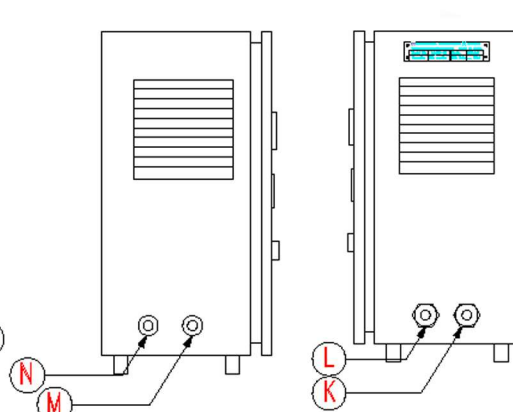
### Technical Specification :

Series	Ozone Output (g/hr)	Oxygen Flow (LPM)	Concentration (g/m <sup>3</sup> )	Dimension (H X W X D) [mm]	Net Weight [Kg.]	Power [W]
OG/LC - 2	0.5 - 1.5	0.5 - 2.5	16.0 - 10.0	300 x 250 x 150	7	25
OG/LC - 3	1.0 - 3.0	1.0 - 5.0	16.0 - 10.0	500 x 400 x 210	10	90
OG/LC - 5	2.7 - 4.5	2.0 - 5.0	22.0 - 15.0	500 x 400 x 210	12	120
OG/LC - 7	4.8 - 9.0	2.0 - 5.0	40.0 - 30.0	500 x 400 x 210	13	150
OG/LC - 10	6.3 - 7.8	3.0 - 5.0	35.0 - 26.0	700 x 500 x 210	15	200
OG/LC - 15	9.0 - 12.0	3.0 - 5.0	50.0 - 40.0	700 x 500 x 210	16	220

### Construction :



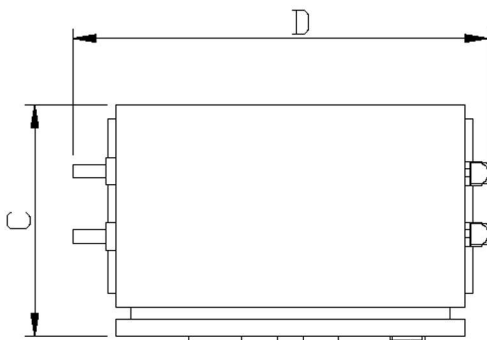
FRONT VIEW



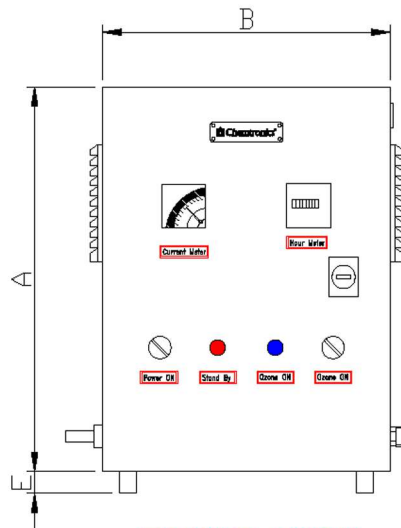
L.H.S. VIEW R.H.S. VIEW

A	SS Name Plate
B	Specification Label
C	Hour Meter
D	Fan Grill
E	Panel Lock Key
F	Current meter
G	Power ON Switch
H	Stand By LED
I	Ozone ON Switch
J	Ozone ON LED
K	Oxygen 230V Supply
L	Ozone 230V Supply
M	Oxygen IN
N	Ozone OUT

### Dimensions :



TOP VIEW



FRONT VIEW

Model No.	A	B	C	D	E
OG/LC - 2	300	250	155	300	20
OG/LC - 3	500	400	210	450	20
OG/LC - 5	500	400	210	450	20
OG/LC - 7	500	400	210	450	20
OG/LC - 10	700	500	210	550	20
OG/LC - 15	700	500	210	550	20