

Portable Air Ozone Generator

PAO/LC series

System Specification :

Model No.	: PAO/LC – 250 / 500 / 1000
Brand Name	: Chemozone™
Feed Gas	: Ambient dry, dust & moisture free air
Ozone Concentration	: 90.0 – 120.0 mg/m ³
Anion Output	: 10,000,000 Anion / cm ³
MOC of Ozone Cell	: SS 316 / Ceramic
Cell Cooling	: Forced Air Cooled – Internally & Externally
Heat Dissipation	: Radiator fins design – Internal & External
Discharge	: Corona Discharge @ 0.3 w/sq cm
Power Amplifier	: MOSFET Technology
Start	: Soft Start
EHT	: Ferrite Based Air Cooled
Dielectric	: Precision Ceramic
Enclosure – MOC	: Carbon Steel / Stainless Steel / Plastic
Enclosure – Protection	: IP – 54
Enclosure – Finish	: RAL – 7035, Structure Power Coating
Indicator	: Ozone ON
Service Indicator	: Non Resettable Hour Meter
Operating Temperature	: 15°C - 30°C
Mounting / Installation	: Portable / Trolley Mounted / Floor
Line Voltage	: 12VDC; 110/220 V ac; 50/60 Hz; 1 Phase



Features :

- Commercial & Industrial Grade
- Mode-one time timer/Conditions timer
- Plug & Play
- Flexible extension tubing
- Light weight / Portable
- Ozone from ambient air
- Built in anion generator
- Built in air pump
- Emergency Stop
- Digital Timer

Applications :

- Air Disinfection
- VOC reduction
- Odour reduction
- Enhance Indoor air quality (IAQ)
- Reduce Sick Building Syndrome
- Fruits & Vegetables Disinfection
- Fish & Mutton Soak Disinfection

Accessories :

Standard ▶

- Mains Cord – 3 meter
- Flexible Extension Tubing – 3 meter
- Bubble Stone Diffuser
- Hour Meter

Optional ▶

- SS 304/Plastic Enclosure
- Ozone Gas Leakage Sensor & Controller
- Moisture Absorbent
- SS Dome Diffuser

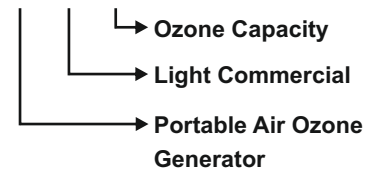


Models :

Model No.	Ozonator Output (mg/hr)	Area of Coverage Ft ² (m ²)	Anion Output (Millions/cm ³)	Feed Pressure (Bar)	Net Weight (Kg)	Power (W)
PAO/LC - 250	250	1000(90)	10	0.17	8	60
PAO/LC - 500	500	2000(180)	10	0.17	12	140
PAO/LC - 1000	1000	4000(360)	20	0.17	13	190

Definition of Model :

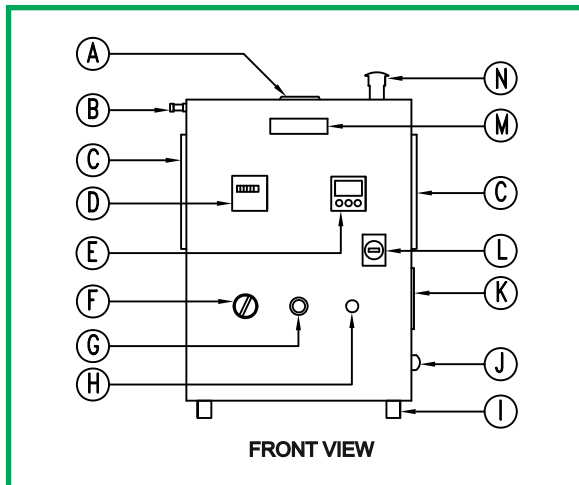
PAO/LC-250



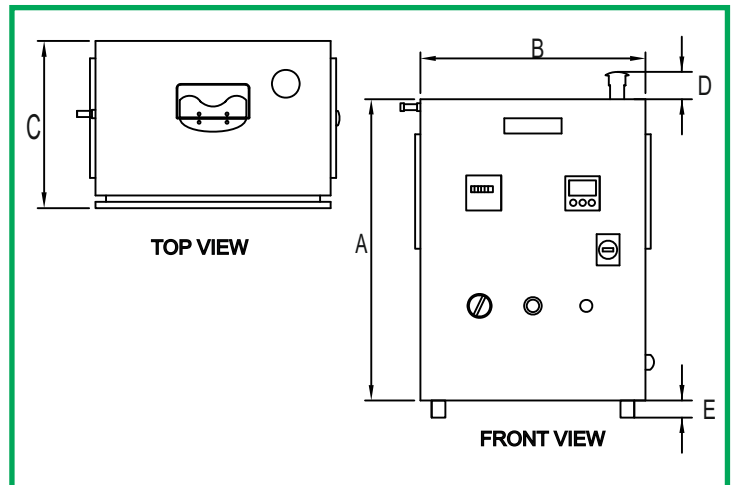
Installation Conditions :



Construction :



Dimension :



Dimensions Are In mm

A	Handle	H	Ozonator On Indicator
B	Ozone Outlet	I	Ozonator Leg
C	Fan Grill	J	Mains Cord Gland
D	Hour Meter	K	Specification Lable
E	Timer	L	Panel Lock Key
F	Mode Switch	M	Name Plate
G	Start Switch	N	Emergency Stop

Model	A	B	C	D	E
PAO/LC - 250	300	250	150	35	25
PAO/LC - 500	400	300	210	35	25
PAO/LC - 1000	400	300	210	35	25

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Above specifications are at 20°C. For different working condition, there may be difference of 10% to 20% of ozone concentration.

* Specification is subject to change for improvement without prior notice.

* Picture may differ from actual supplied product.