

Water Cooled Ozone Generator

OG/HC- Series



Specification :

Series	: OG/HC - 35 / 50 / 75 / 100 / 150 / 200
Make	: Chemtronics®
Feed Gas	: Pure Dry Oxygen
MOC of Ozone Reactor	: SS 316 / Ceramic / PTFE
Reactor Cooling	: Forced Water Cooled - internally & externally
Power Amplifier	: IGBT Technology
Enclosure - MOC	: Carbon Steel
Enclosure - Protection	: Electrical & Electronics - X4 Ozone Reactor - IP 65
Enclosure - Finish	: RAL7035, Structure Powder Coating
Indicator	: Power + Stand By + Ozone ON
Variable Control	: 30 % - 100 % (Internal)
Service Indicator	: Non Resettable Hour Meter
Operating Temperature	: 15° - 35° C
Specified Life	: 10,000 working Hrs
Cooling Water Sensor	: Magnetic Flow Switch
Mounting/Installation	: Floor / 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 ▶

- Oxygen Concentrator : 05 LPM
- Venturi : 1" ; 1 1/2" (MOC - SS)
- Static Mixer : 1 1/2" ; 2"(SS - 316)
- Back Flow Preventer : 1/2" (PVC)
- Cooling System : 3 TR / 5 TR
- Ozone Mixing Pump : SS 316

Applications :

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



Tubing



Back Flow Preventer



Venturi



Static Mixer



Cooling Tower



Ozone Mixing Pump

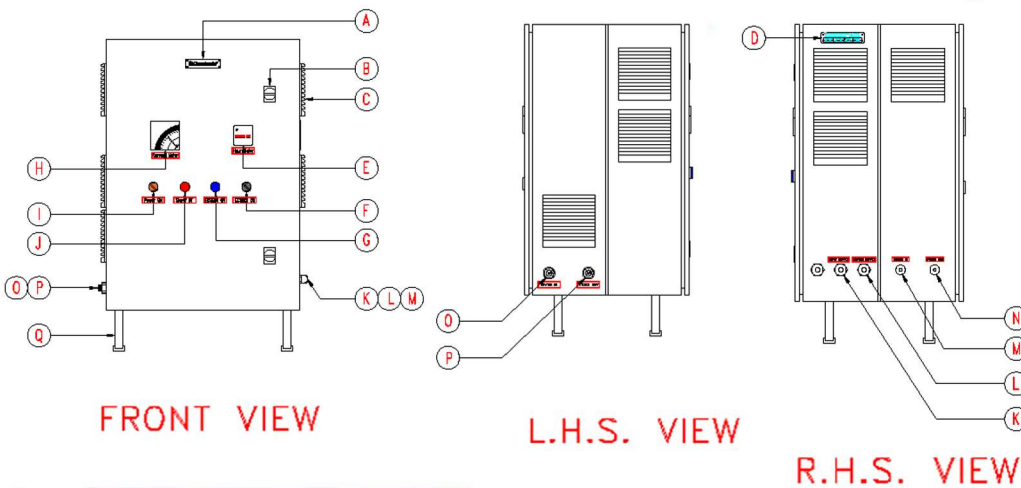
Accessories



Technical Specification :

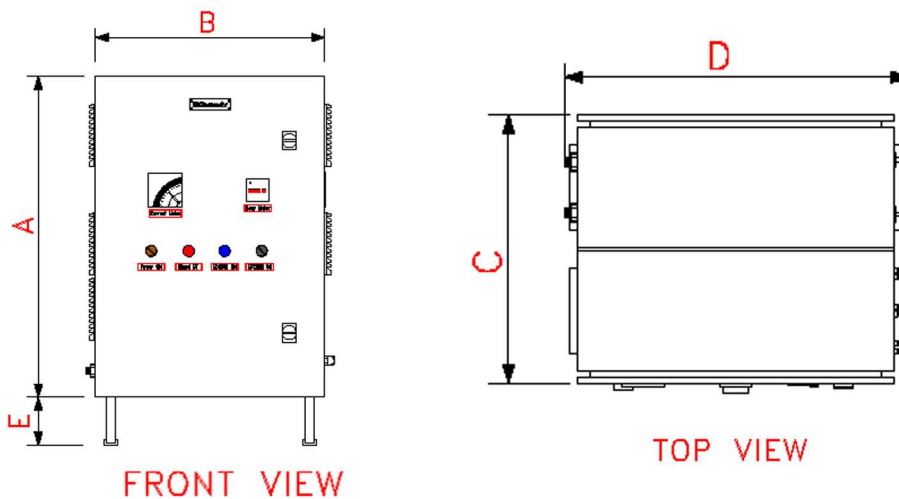
Series	Ozone Output (g/hr)	Oxygen Flow (LPM)	Concentration (g/m ³)	Dimension (L X W X H) [mm]	Net Weight [Kg.]	Power [W]
OG/HC - 35	18.0 - 25.5	3.0 - 5.0	100.0 - 85.0	500 x 420 x 850	30	300
OG/HC - 50	20.7 - 42.0	3.0 - 10.0	105.0 - 70.0	500 x 420 x 850	35	500
OG/HC - 75	32.4 - 63.0	5.0 - 15.0	108.0 - 70.0	600 x 540 x 950	55	700
OG/HC - 100	66.0 - 78.0	10.0 - 20.0	110.0 - 65.0	600 x 540 x 950	90	800
OG/HC - 150	64.8 - 126.0	10.0 - 30.0	108.0 - 70.0	800 x 540 x 950	90	1,600
OG/HC - 200	132.0 - 156.0	20.0 - 40.0	110.0 - 65.0	800 x 540 x 1,150	95	2,000

Construction :



A	SS Name Plate
B	Panel Lock Key
C	Fan Grill
D	SS Specification Label
E	Hour Meter
F	Ozonator On Switch
G	Ozone On LED
H	Current Meter
I	Power On Switch
J	Stand by LED
K	Main 230V Input Supply
L	Oxygen Supply
M	Oxygen IN
N	Ozone Out
Q	Water IN
P	Water Out
Q	SS Leg

Dimensions :



Model No.	A	B	C	D	E
OG/HC - 35	850	500	420	550	150
OG/HC - 50	850	500	420	550	150
OG/HC - 75	950	600	540	650	150
OG/HC - 100	950	600	540	650	150
OG/HC - 150	950	800	540	850	150
OG/HC - 200	1,150	800	540	850	150