

Water Cooled Ozone Generator

OG /HC - Series

Product Specification :

| | | |
|------------------------------|---|--|
| Model No. | : | OG/HC- 7 / 12 / 15 / 35 / 50 / 75 / 100 / 150 / 200 / 300 |
| Make | : | Chemtronics [®] |
| Feed Gas | : | Pure Dry Oxygen |
| MOC of Ozone Cell | : | SS 316 / Ceramic / PTFE |
| Cell Cooling | : | Water cooled – internally & externally |
| Power Supply | : | Switch Mode Power Supply (SMPS) |
| Power Amplifier | : | IGBT Technology |
| Power Board Protection | : | Line Voltage Surge and Spike Delayed Soft Start & Soft OFF Over temperature & protection Over current Under voltage Over voltage High voltage Short circuit High Voltage open circuit |
| EHT | : | Ferrite Based forced air cooled |
| Dielectric | : | Precision Enamelled |
| Enclosure – MOC | : | Carbon Steel |
| Enclosure – Protection | : | Electrical & Electronics - IP 54 Ozone cell – IP 65 |
| Enclosure –Finish | : | RAL7035, structure powder coating |
| Enclosure Certification | : | UL certified & CE marked |
| Indicator | : | Power + Standby + Ozone ON |
| Variable Control | : | 25 % - 100 % (Internal) |
| Service Indicator | : | Non resettable hour meter |
| Operating Temperature | : | 20°C – 40°C |
| Specified life | : | 20,000 Working Hrs ⁴ |
| Mounting/Installation | : | Floor |
| Line Voltage | : | 230 V ac ; 1 phase ; 50 Hz |
| Oxygen Gas Sensor [Optional] | : | Magnetic / Optical flow switch |
| Cooling Water Sensor | : | Magnetic flow switch |



Standard Accessories :

- Oxygen Tubing : MOC – Polyurethane - 03 meter
- Ozone Tubing : MOC – Polypropylene - 03 meter

System Specification :

| Model No. | Ozone Output (gm/hr) | Oxy. Flow (LPM) | Concentration (mg/l) | Power (Kw) | Dimension mm (H X W X D) | Net Wt (Kg) |
|-------------|----------------------|-----------------|----------------------|------------|--------------------------|-------------|
| OG/HC – 7* | 5-7 | 1-4 | 80-50 | 0.15 | 500 x 400 x 425 | 28 |
| OG/HC – 12* | 10-16 | 2-5 | 70-55 | 0.3 | 600 x 500 x 425 | 30 |
| OG/HC - 15 | 5-18 | 1-4 | 120-80 | 0.15 | 600 x 500 x 425 | 28 |
| OG/HC - 35 | 13-20 | 2-5 | 120-80 | 0.3 | 600 x 500 x 425 | 30 |
| OG/HC - 50 | 22-50 | 3-10 | 130-100 | 0.5 | 700 x 500 x 425 | 35 |
| OG/HC - 75 | 30-72 | 5-15 | 130-100 | 0.7 | 800 x 600 x 525 | 55 |
| OG/HC - 100 | 50-90 | 8-20 | 130-100 | 0.8 | 1000 x 600 x 525 | 90 |
| OG/HC - 150 | 55-140 | 10-30 | 130-100 | 1.6 | 800 x 600 x 525 | 90 |
| OG/HI - 200 | 130-180 | 17-40 | 130-100 | 1.6 | 1000 x 600 x 525 | 95 |
| OG/HI - 300 | 200-250 | 30-60 | 130-100 | 2.4 | 1000 x 1000 x 525 | 125 |


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