

OZO-1SDHF 50g/h Ozone Generator

FEATURES

- Air Cooled Patented Corona Cell
- 0-12 wt% Ozone Concentration
- Air or Oxygen Feed
- Stable Ozone Production
- Power Input Pilot Light
- Ozonation Pilot light
- Over-Temperature Protection
- Low Feed Gas Flow Protection
- Stainless Steel Ozone Fittings
- Ozone Resistant Check Valve
- Ozone Resistant Plumbing
- All SS Enclosure
- Easy Maintenance and Service
- Warranty: 1 Year parts and labor against manufacturing defects (see manual for details)
- Made In Canada

STANDARD CONTROLS

- Feed Gas Flow Meter with Stainless Steel Needle Valve

OPTIONAL CONTROLS

- 4-20 mA or 0-10 VDC Input
- 0-100% Ozone Output Control
- Remote On/Off Control
- Custom Controls available upon request



OZO-1SDHF SUMMARY

- The OZO-1SDHF ozone generator produces 50 g/h O₃ from oxygen feed and 25 g/h O₃ from dry air feed.
- It is suitable for a wide range of commercial and industrial applications ranging from water bottling to waste water treatment.
- The OZO-1SDHF can operate under suction, with a venturi for example, and under pressure using pressurized air or oxygen feed.
- This Canadian-made ozone generator meets the highest standards of workmanship, quality, efficiency and reliability.

SPECIFICATIONS

Ozone Output	40-50 gO ₃ /h with dry O ₂ feed depending on flow rate 20-25 gO ₃ /h with dry air feed depending on flow rate
Feed Gas Flow rate	Oxygen: 25 cfh @ 10 psi, for 50 gO ₃ /h output 15 cfh @ 10 psi, for 40 gO ₃ /h output Air: 50 cfh @ 10 psi, for 25 gO ₃ /h output 30 cfh @ 10 psi, for 20 gO ₃ /h output
Ozone Concentration	4.8 wt% at 40 gO ₃ /h, 3.6 wt% at 50 gO ₃ /h up to 12wt% possible
Standard Pressure	10 psi nominal, up to 30 psi max
Feed Gas Temperature	10C to 25C Max (50F to 77F)
Feed Gas Humidity	-40C dew point or drier
Dimensions (H x W x D)	51 cm x 20 cm x 15 cm (20" x 8" x 6")
Power Consumption	300 W
Voltage	120VAC, 208VAC, 220VAC, 240VAC models available, 50/60 Hz
Ambient Temperature and Humidity	Temperature: 25C (77F), Relative Humidity: less than 50%

* Features and specifications subject to change without notice

