

HC-30 Ultra-High Concentration Ozone Generator



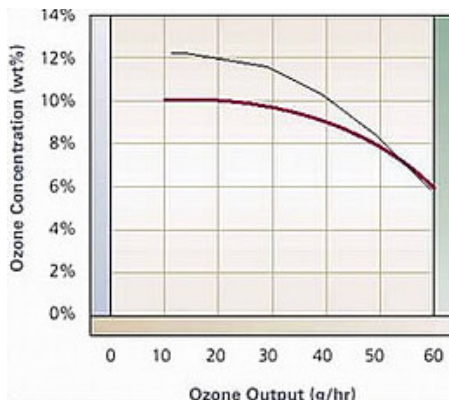
HC-30 Features

- **High Concentration** 6-12% - Ideal for chemical synthesis & laboratory research
- **Low Oxygen Requirement** 1-8 lpm – saves on size of oxygen concentrator
- **High Pressure** 50 PSIG working pressure
- **Pressure Compensated Ozone Production System** between 5-50 PSI
- **Air Cooled**, operates at 50°C, which saves on water & air conditioning systems
- **Compact** Only 14" x 14" x 5.7" - saves valuable space.
- **No maintenance** - no serviceable parts, less operating cost
- **Quality Construction** – 304 Stainless Steel chassis
- **3 Year Warranty!**

The HC-30 is unlike any ozone generator ever manufactured. It can produce concentrations exceeding 12% by wt. yet is only 27-lbs and is air cooled. The HC-30 will free-up space on your lab bench or research area.

Up to 50 PSI of pressure can be applied on the corona cells! High pressure in the corona chamber leads to longer residence time in the corona chamber which results in higher concentrations. Higher pressure units are available upon request.

Ozone Concentration vs. Output
HC-30 (thin line) vs. GE Osmonics (red line)



Model	HC-30
ozone production (gm/hr)	30
oxygen feed (lpm) (90-95%)	6
ozone concentration @ feed flow (%wt.)	5.4
operating pressure * (PSI)	5 - 50
feed gas flow range (lpm)	1 to 8
output variable control (standard)	10 to 100%
Input Control Signal (optional)	4 - 20 mA (0-100%)
power consumption @ 100% output (W)	400
Power Requirements (60Hz)	120V 4-Amp
air cooling flow (CFM)	106
inlet/outlet connections (inch)	1/4" Swagelok
Weight (lb)	27

Price: \$5,900.00

Ozone Solutions, Inc.
Sioux Center, IA 51250
Ph: (712) 722-0337
Fax: (712) 722-1787
www.ozoneapplications.com