

# 16 g/hr Ozone from Dry Air

## 16 gm/hr Ozone Generator

SR-32 Ozone Generator efficiently creates high concentration of ozone from dry air for water treatment or any other application where ozone may be used.



### Features

- 16 g/hr Ozone from 15 LPM Dry Air
- Air Cooled, Rack Mountable Ozone Generator
- Integrated Flow Meter
- CSA certified
- efficient ozone production
- high ozone output (up to 16 gm/hr)
- no cooling water required
- simple operation
- one-year warranty

Product ID: **SR-32**  
 Lead Time: **1 week**  
 Price: **\$3,950.00**

### Specifications

Ozone Generation:	Corona discharge
Process Gas:	Dry air only! (must be dried to -40 deg F)
Pressure:	±5 psi.
Cooling:	Ambient air ±40°C, max. 85% R.H. - no air-flow through corona chambers required for cooling - no cooling water required
Power:	100-120V, 50/60Hz, 420W.
Output/Input:	1/4" stainless steel slip connection
Warranty:	one-year parts & labor
Ozone Production:	16-g/h from dry air at 14 L/min dry air flow. (1 L/min = 2 SCFH)
Safety	Protected against 150% continuous over-voltage & shuts down when voltage drops below 100 V. Resumes ozone production when voltage is restored.
Dimensions:	17-in x 14-in x 7-in (WxLxH) 431mm x 355mm x 177mm
Weight	29-lbs (12-kg)

## Back View of the SR-32



The SR-32 has an inlet, outlet, and power cord connection conveniently placed in the back of the generator.

## SR-32 Inlet & Outlet Connections



The feed gas inlet connection is 1/4" 316L stainless steel slip connection. The ozone outlet is also 1/4" 316L stainless steel slip. 1/4" ID hose slips right on.

## OSR Stackable Configuration



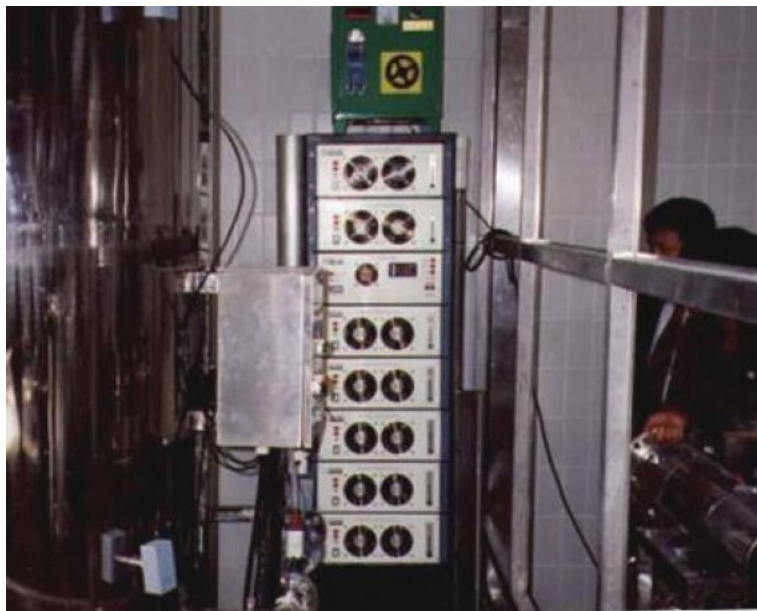
The OSR ozone generators can easily be stacked on to one another if more ozone is required. Space saving design ensures minimal footprint for implementation into crowded spaces.

## Cooling Tower Application



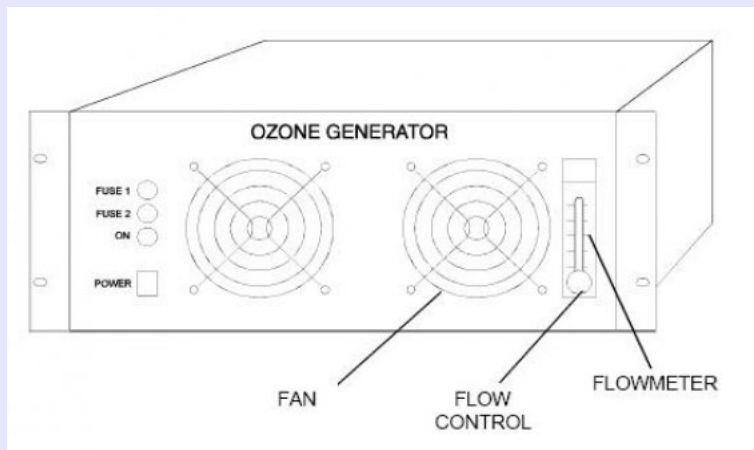
Units at a JC Penny Store in San Antonio Texas. This setup generates over 1.5 lbs/day of ozone.

## Ozone Units at Coca Cola Plant



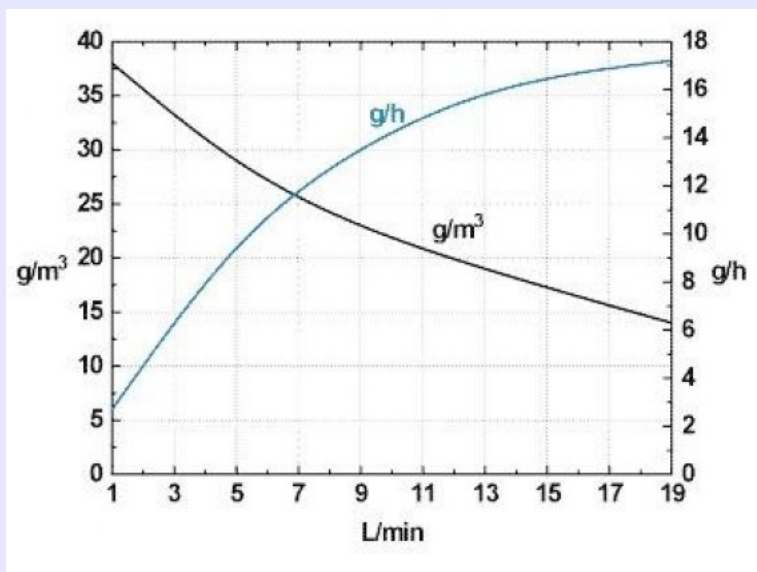
This setup allows easy addition of more ozone generators if plant expansion continues beyond initial ozone generator specifications.

## SR Ozone Generator Components



A diagram of the SR front panel shows the simplicity of the ozone generator. Flowrate is easily controlled with a flowmeter & flow control. If a problem occurs, fuse lights easily identify which corona chamber requires repair. Fuse replacement requires only 5 minutes. Large cooling fans blow over 200-CFM of air across the corona chambers to ensure they stay cool even with no feed gas moving through the unit!

## SR-32 Performance Chart on Dry Air



The chart shows the output with dry air feed gas. Ozone production increases (blue line) and ozone concentration decreases (black line) as flowrate increases. The black line corresponds with the left axis and the blue line corresponds with the right axis.