



Rental Ozone Generator Skid : 1.0 lb/day

Description

The Oxidation Systems skid-mounted, ozone injection system was designed specifically for in-situ chemical oxidation. This innovative system is field adjustable, mobile, and ready to mitigate source area, hot spots, and residual contamination. The ozone injection system can easily be moved from area to area, or from site to site, with little downtime. These systems are available either for purchase or short or long term lease.

The ozone injection system includes a corona discharge, high-concentration ozone generator, a high-pressure oxygen concentrator, and integrated controls. Select the ozone generator that is most appropriate for your site. These units are simple to install and operate: connect to your process piping, wire to the power supply, and immediately begin producing ozone.



Features

The 1.0 lb/day Skid-Mounted Ozone Generator includes the following design features:

- High concentrations (up to 10% by weight) of ozone gas to maximize mass transfer
- High pressure ozone - 15 psig is standard, but higher pressures are available
- Air cooled – no water required
- Low power consumption
- Compact size and weight
- Over-current shut-off to prevent damage to electronics and ozone cell
- Variable ozone output and power display

Applications

- Small source area “Hot-Spot” soil remediation that is not cost-effective or feasible to excavate
- Ozone sparging for mitigation of residual groundwater contamination
- Remediation of sites that are not economical for the installation of a full-scale remediation system
- Small sites where the logistics of placing a remediation system are infeasible
- Sites where 3-phase power is not available

This unit requires a 110 Volt, 40 Amp, 60 Hz, single-phase AC Power Supply. A building or other suitable enclosure is also necessary to protect the ozone generator from the weather.