Modular Ozone System

The ORK Ozone Kits provide a modular ozone system that can be used in your current configuration for soil and groundwater remediation applications.

SYSTEM FEATURES

● Up to 15 lb/day ozone production
● Ozone Generator
● PLC based control system
● Touch screen HMI (Human Machine Interface) Panel for operation
● Ozone leak sensor
● Flow control for sparing air and oxygen
● Flow control manifold for well timing and control
● Complete automation of all external components

SPECIFICALLY DESIGNED FOR GROUNDWATER REMEDIATION APPLICATIONS

ORK TECHNOLOGY

The Ozone Remediation System is installed inside a cabinet that can be either wall mounted or stand on the floor. All equipment necessary for ozone production and system control is provided inside the ozone system cabinet. An external industrial oxygen concentrator and oxygen storage tank are provided to complete the system.

All components can be installed (by you) into a trailer, shed, cargo container, or placed into your existing structure.

SYSTEM FEATURES

The kits come with all of the equipment and components needed for an Ozone System that can be easily configured into your trailer, shed, cargo container, or existing structure.

Oxidation Technologies, LLC.
214 W Highway 18
Inwood, IA 51240
(515) 635-5854
Sales@oxidationtech.com
www.oxidationtech.com
ADVANTAGES

- Modular system can be installed in customer’s specific configuration
- Low cost option for a complete in situ remediation system
- Easy to set-up and operate
- Provides full feature capabilities, flows and pressures

DISADVANTAGES

- Install and assembly to be done by customer
- Enclosure must be provided by customer capable of safely housing equipment

OPTIONAL COMPONENTS

- Rotary Screw Air Compressor
- Desiccant air dryer for sparge air
- Inline Ozone Analyzer
- Inline oxygen purity meter
- Inline oxygen mass flow meter
- Cellular telemetry capability

---

**Ozone Remediation Kit**

Main components of the ozone remediation kit

**Model** | **O3 Production (lb/day)** | **g/hr** | **Number of Well Outputs** | **Number of Valves** | **Operation Pressure (PSI)** | **Max Pressure (PSI)** | **Oxygen Flow (SCFH)**
--- | --- | --- | --- | --- | --- | --- | ---
ORK-4 | 4 | 75 | 8 wells | 8 | 45 | 100 | 50
ORK-6 | 6 | 115 | 10 wells | 10 | 45 | 100 | 50
ORK-8 | 8 | 150 | 12 wells | 12 | 45 | 100 | 100
ORK-10 | 10 | 189 | 12 wells | 12 | 45 | 100 | 100
ORK-15 | 15 | 283 | 12 wells | 12 | 45 | 100 | 175

**Model** | **Sparge Air Flow (CFM)** | **Compressor (HP)** | **Voltage**
--- | --- | --- | ---
ORK-4 | 4 | 5 | 220 VAC 1-phase
ORK-6 | 6 | 7.5 | 220 VAC 1-phase
ORK-8 | 8 | 7.5 | 220 VAC 1-phase
ORK-10 | 10 | 10 | 220 VAC 3-phase
ORK-15 | 15 | 15 | 220 VAC 3-phase

**Oxidation Technologies, LLC.**
214 W Highway 18
Inwood, IA 51240
(515) 635-5854
Sales@oxidationtech.com
www.oxidationtech.com