



Ozone Remediation Cabinets are a turnkey solution for smaller in-situ remediation sites. Cabinet will include every component necessary for ozone generation, control, and distribution of ozone gas into various wells.

ORC TECHNOLOGY

The ORC units are ozone remediation systems installed into a cabinet that is turn-key and ready to operate. Cabinets can be wall mounted or floor standing. All equipment necessary for ozone production is provided inside this cabinet; only electrical power is required for operation. The top of the enclosure is air conditioned and sealed from the outdoor environment. The bottom of the enclosure is fan cooled to keep the compressor cool.

Each system is built to our customer's specifications. We offer a variety of system sizes and configurations to fit most every application.

STANDARD COMPONENTS INCLUDED

- Steel cabinet with two compartments
- Air Conditioner
- Oil-less Air Compressor
- Refrigerant Air Dryer
- Air Filtration System
- Oxygen Generator
- Ozone Generator
- Ozone Distribution Manifold
- Control System with touch screen HMI for valve timing

Oxidation Technologies, LLC.

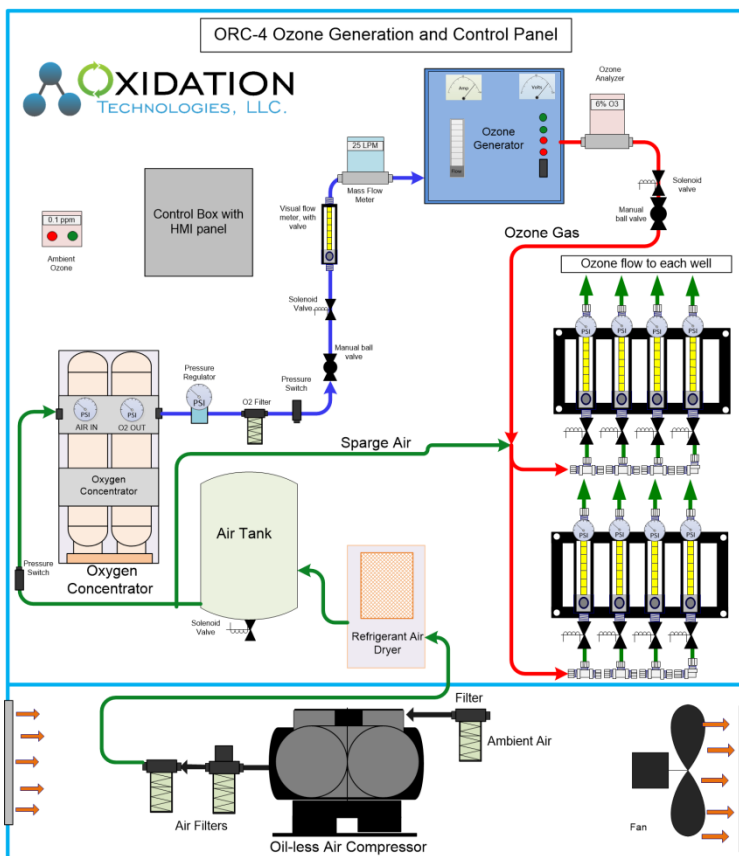
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Model	O3 Production		Number of Well Outputs	Number of Valves	Operation Pressure (PSI)	Max Pressure (PSI)	Oxygen Flow (SCFH)
	lb/day	g/hr					
ORC-1	1	19	4 wells	1	25	50	20
ORC-2	2	38	6 wells	6	25	50	20
ORC-4	4	75	8 wells	8	25	50	40
ORC-6	6	113	10 wells	10	25	50	40
ORC-8	8	150	12 wells	12	25	50	60



ADVANTAGES

- Compact
- Lower overall capital cost
- Easy to set-up and operate

DISADVANTAGES

- Lower available sparge pressure
- Higher maintenance frequency than a trailer
- Lower overall reliability than trailer systems

Model	Sparge Air Flow (CFM)	Cabinet Dimensions (W x T x D)
ORC-1	2	36 x 42 x 20
ORC-2	3	36 x 46 x 20
ORC-4	4	36 x 46 x 20
ORC-6	6	36 x 46 x 20
ORC-8	8	36 x 46 x 20

ALL UNITS ARE CUSTOMIZABLE TO FIT YOUR SPECIFIC APPLICATION

OPTIONS

- Inline Oxygen Purity Analyzer
- Oxygen Mass Flow meter
- Air Mass Flow meter
- Inline Ozone Analyzer
- Manifold Configuration

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