

CWS Ozone Water Filtration System



The CWS Systems will produce ozone from 2 to 100 g/hr and filter water at flows from 10 to 100 GPM. This system comes with the Ozone Injection System plus water filtration all on one skid.

COMMON APPLICATIONS

- Remove iron and manganese from water
- TDS sold reduction
- H2S removal from water
- Water reuse applications

CWS TECHNOLOGY

Complete Water Treatment System integrates ozone and filtration for a turnkey solution to your water treatment needs. Ozone can be used to oxidize many minerals and metals from water efficiently. However, filtration is required to effectively remove the oxidized contaminates from water. These systems incorporate ozone production, ozone mass transfer into water, and water filtration on one turnkey skid.

SYSTEM FEATURES

- Turnkey ready to operate
- Ambient ozone safety sensor
- Automated operation
- CPVC piping is used for maximum ozone resistance
- Ozone produced from oxygen
- Water cooled Ozone Generator with closed loop chiller
- Great mass transfer of ozone into water
- Compact design
- Capable of very high dissolved ozone levels

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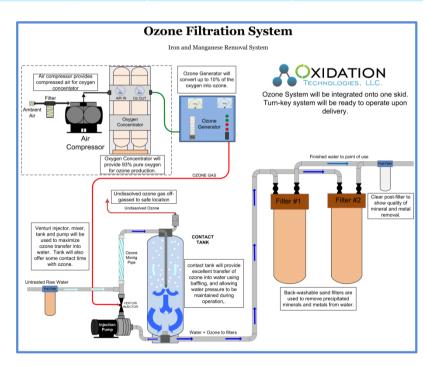
Model	O3 Production (g/hr)	O2 Flow (LPM)	% O3	Water Tank	Water Filtration (GPM)
CWS-2	2	6 Air	1.5	10 gallons	10 – 20
CWS-4	4	6 Air	3	10 gallons	10 – 30
CWS-8	8	2	4.7	20 gallons	10 – 50
CWS-16	16	4	4.7	20 gallons	10 – 70
CWS-24	24	6	4.7	30 gallons	20 – 100
CWS-35	35	7.5	5.3	40 gallons	30 – 100
CWS-50	50	10	6	50 gallons	30 – 100
CWS-65	65	10	7.5	50 gallons	30 – 100
CWS-80	80	15	6	50 gallons	30 – 100
CWS-100	100	15	7.8	50 gallons	50 – 100

WE CUSTOMIZE EACH SYSTEM TO MEET YOUR APPLICATION REQUIREMENTS!

CONTACT US TO
DETERMINE THE BEST
SET UP TO FIT YOUR
NEEDS!

COMPONENTS INCLUDED

- Oxygen Concentrator
- Ozone Generator
- Ozone Injection Pump
- Ozone Venturi and mixing system
- Ozone contact tank
- Water pre-filter
- Redundant back-washable sand-filters
- Water post-filter
- Main system control panel
- System skid and necessary tubing/ancillary equipment



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