

WT Ozone Water System



The WT System is a small-scale turn-key ozone injection system for dosing 1-4 grams/hour of ozone into water. This system is perfect for oxidizing hydrogen sulfide, iron, manganese, tannin, and bacteria in domestic well water. Integrated ports for hookup to backwashable sand filter. Can be used with any Air Over Water iron removal filter to solve problems with iron bacteria fouling.

Model	Iron	Manganese	Rotton Egg Odor
WT-1	10 ppm	5 ppm	Moderate
WT-2	20 ppm	10 ppm	High
WT-4	40 ppm	20 ppm	Extreme

APPLICATIONS

- Well water treatment
- Surface water
- Water re-use
- Water storage
- Swimming pools
- Poultry water

WT TECHNOLOGY

Ozone is produced via corona discharge with the VMUS-4 Ozone Generator. Ozone is produced from dry air that is provided with the VMD-8 Air Dryer. Ozone and air are pulled through the Ozone Generator and Air Dryer and into the water with a Mazzei venturi. The venturi pulls ozone into water via vacuum and mixes this ozone efficiently with water.

Ozone is mixed with water in the contact tank. This tank will efficiently mix ozone gas with water and provide excellent mass transfer of ozone gas into the water. Ozone quickly and efficiently oxidizes iron and prevents iron bacteria fouling. All excess gas is off-gassed through the air vent on the top of the contact tank.

SYSTEM FEATURES

- Simple ozone dosage controller
 - Compact design 12" x 17" footprint
 - Powder coated steel construction
 - Stainless steel ozone compatible pump
 - 5 HP
 - Vacuum driven air dryer and ozone generator = no moving parts
 - Ozone produced under vacuum = no ozone leaks
 - Simple hookup and integration with water filter
- Rugged design for many years of trouble-free operation
- 50 psi water
- 120 or 220 VAC

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Model	O3 Output	Air Flow	% O3	Max Water Flow	Ozone Dosage
WT-1	1 g/hr	3 LPM	0.1%	15 GPM	0.44 ppm @ 10 GPM
WT-2	2 g/hr	3 LPM	.6%	15 GPM	0.88 ppm @ 10 GPM
WT-4	4 g/hr	3 LPM	1.2%	15 GPM	1.75 ppm @10 GPM

SYSTEM COMPONENTS

System includes all equipment necessary to produce ozone and mix ozone with water. Only water connections and electrical power are required. Ozone is produced from dry air under vacuum; therefore, no other moving parts

SYSTEM LAYOUT

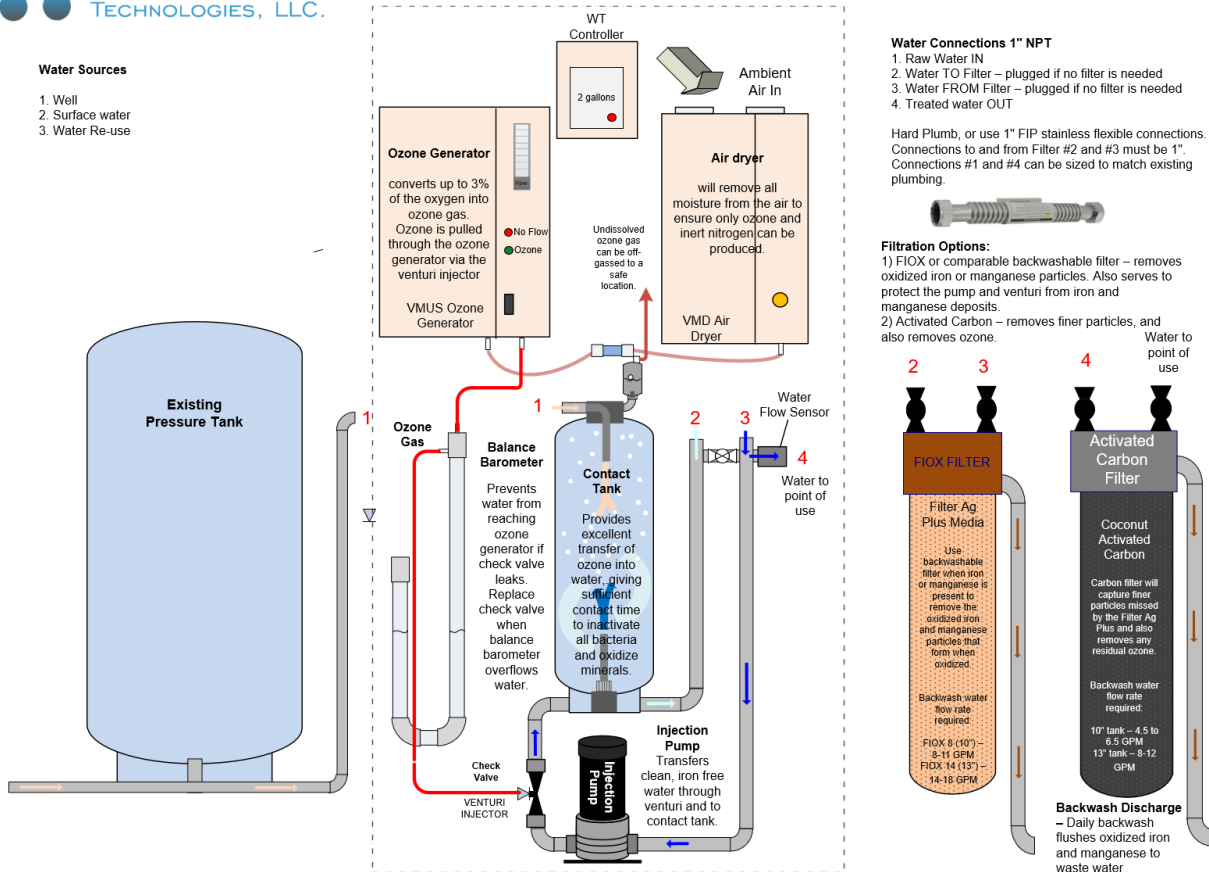
Use as an alternative to hydrogen peroxide or other chemical oxidant injection system. Use with filtration to remove oxidized material from water.



WT Ozone Well Water System

Water Sources

1. Well
2. Surface water
3. Water Re-use



CONTACT US TODAY TO DETERMINE WHAT'S BEST FOR YOUR WATER TREATMENT GOALS!

OPTIONAL ACCESSORIES

- FIOX 8 backwashable filter
- FIOX 14 backwashable filter
- Backwashable Carbon filter
- Ozone leak sensor
- Dissolved Ozone Test Kit
- ORP sensor and monitor

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