Western Water Products

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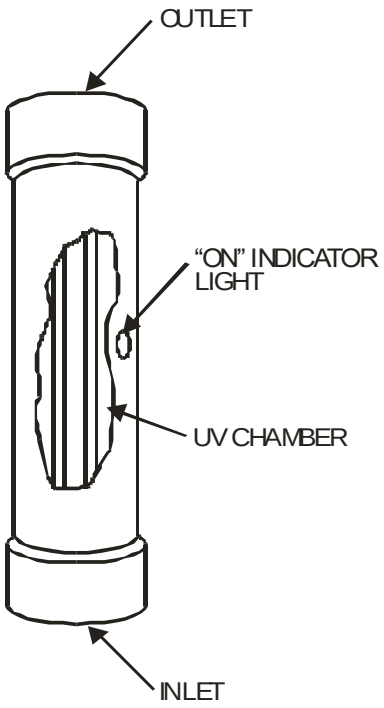

OZONATION SYSTEMS

APPLICATION:
WESTERN WATER PRODUCTS APPLIES OZONATION IN A UNIQUE METHOD THAT NOT ONLY MAXIMIZES THE INHERENT EFFECTIVENESS OF OZONATION IN ODOR CONTROL BUT ALSO PROVIDES DAF BENEFITS AND ENHANCES COALESCING ACTION. THROUGH A UNIQUE CIRCULATION PROCEDURE, ALL WATER IS PROCESSED THROUGHOUT THE COMPLETE SYSTEM AND THEREBY MAXIMIZING THE BENEFITS OF THIS OUTSTANDING TECHNOLOGY

BENEFITS:
* LEAVES NO RESIDUE
* REQUIRES NO CHEMICALS
* 3000 TIMES MORE EFFECTIVE THAN CHLORINE
* LOW POWER CONSUMPTION
* NOT AFFECTED BY HUMIDITY

DESTROYS:

* COD	* ODOR	* METALS
* BOD	* ALGAE	* HYDROCARBON
* ODS	* VIRUS	
* VOC	* BACTERIA	

SPECIFICTIONS

MODEL	0Z-015	0Z-030	OZ-060	0Z-120
OZONE PRODUCED	15 PPM	30 PPM	60 PPM	**120PPM**
PRESSURE RATING	5 PSI @ 1 SCFM	5 PSI @ 2 SCFM	5 PSI @ 4 SCFM	**5 PSI @ 8 SCFM**
UV CHAMBER ELECT REQUIREMENTS	.3 AMPC	.55 AMPC	1.38 AMPC	**2.76 AMPC**
TOTAL ELECT REQ.	.75 AMPS	1.5 AMPS	3.0 AMPS	**6.0 AMPS**
VOLTAGE	110 VAC, 60 HZ	110 VAC, 60 HZ	110 VAC	**60 HZ**
WEIGHT	6 LBS	10 LBS	22 LBS	**32 LBS**
MATERIAL	UV PROTECTED PVC & ALUMINUM	UV PROTECTED PVC & ALUMINUM	UV PROTECTED PVC & ALUMINUM	**UV PROTECTED PVC & ALUMINUM**
APPROX. SIZE/DIM.	3" DIA x 18" LONG	4" DIA x 24" LONG	6" DIA x 43" LONG	**8.5" DIA x 43" LONG**
FINISH	2 PART URETHANE	2 PART URETHANE	2 PART URETHANE	**2 PART URETHANE**
APPROX UV CHAMBER LIFE	10,000 HOURS	10,000 HOURS	10,000 HOURS	**10,000 HOURS**
OPERATING TEMPERATURE	0-120 DEGREES F	0-120 DEGREES F	0-120 DEGREES F	**0-120 DEGREES F**
OZONE PRODUCTION	**0.6 GRAMS.HOUR**	**1.2 GRAMS.HOUR**	**7.0 GRAMS.HOUR**	**14.0 GRAMS.HOUR**

Methods of Applying Ozonation Devices

Use of Ozonation Devices listed on reverse side can be applied in several ways:

Direct Ozonated Air: Utilizes positive dry air supply, usually from an air compressor. Air is fed from the air compressor at the rate of 1-8 CFM (depends on Ononator size) at low pressure and brought into the bottom of the Ozonator. As air flows through, Oxygen is changed to Ozone gas. The ozone exits out of the top of the Ozone Tube Chamber and is connected by tubing and forced into a tank through an ozone diffusion device. Ozone bubbles from the diffuser (usually located in the bottom 1/3 of the tank) to the surface to do its work. An air pressure regulator is required.

Injected Ozonated Air: A Mazzei injector is utilized in the systems water flow whereby water is continuously passed by the "T" in the injector. The Ozonator is connected by tubing to the "T" on the injector. As water passes by the "T", Ozonated air is drawn in and entrained into the water stream. The water stream is deposited into the bottom 1/3 of the water holding tank. Ozone bubbles to the top to do its work. An air pressure regulator is not required.

Re-pressurized Water with Injected Ozonated Air: Water us drawn out of a tank of pit by a pump and back to the same or another tank or pit with the same pump. In the process a Mazzei injector is utilized in the systems water flow whereby water is continuously passed by the "T" in the injector. The Ozonator is connected by tubing to the "T" on the injector. As water passes by the "T", Ozonated air is drawn in and entrained into the water stream. The water stream is deposited into the bottom 1/3 of the water holding tank. Ozone bubbles to the top to do its work. An air pressure regulator is not required. Re-pressurized Water with Injected Air systems are provided as a "stand-alone" system as shown below and are provided with: Painted Steel Housing, Pump, Ozonator, Control Panel, all Internal Plumbing and Wiring.

Manufactured Using ASTM Certified Materials and UL Approved Electrical Components Where Applicable

Visit our web site to find out more www.watercycle-solutions.com