

## Natural Odor Removal & Air Purification With Activated Oxygen

The Total Solution To Air Quality Problems In Your Home Or Business



WARNING: FOR INDUSTRIAL USE ONLY IN UN-OCCUPIED AREAS. EPA Establishment Registration #87989-FL-001



# TZUV-300 & TZUV-600 Advanced Air Purification Equipment

## What Is Ozone & How Does It Work?

Ozone  $(0_3)$  is a naturally occurring substance found in nature that we cannot live without. Ozone is an activated form of oxygen  $(0_2)$  with three atoms where regular oxygen has two. Ozone in the upper atmosphere filters out harmful rays from the sun without which all life on earth would cease to exist. Closer to home ozone is produced by lightning in thunderstorms. I'm sure you have experienced the freshness in the air after a storm. Ozone is very unstable and has an average half life of 20 minutes, this is why ozone must be produced at the point of use and cannot be stored in a container for later use. Ozone will cast off it's third atom onto any other organic element thereby oxidizing it or converting it to another substance. In the case of odors it will convert a foul-smelling substance into a non-odorous substance naturally with no unhealthy chemicals to buy, store or use. Once ozone has done it's job it converts back to oxygen. Ozone will also deactivate and destroy molds, bacteria, virus, fungus, and mildew.

and the second sec	All Stainless Steel Fasteners Throughout 100 CFM Fan With Ball Bearings (ABEC #5) For Extremely Long Service Life	SPECIFICATIONS		
		Model	TZUV-300	TZUV-600
		Size	12 1/4" x 9" x 6"	12 1/4" x 9" x 6"
		Weight	6 lbs. 12 oz.	7 lbs. 12 oz.
	1 Hour Timer With Hold	Timer	1 Hour with Hold	1 Hour with Hold
		Generator	TZUV / Ulta-Violet Chamber	TZUV / Ulta-Violet Chamber
			185 NM Wave-Length	185 NM Wave-Length
	40 Pores Per Inch Woven Stainless Steel Washable Filter Electrical Specifications, Cautions & Warnings Screen Printed On Case	Fan	100 CFM	100 CFM
		Ozone Output	300 Milligrams / Hour	600 Milligrams / Hour
		Maximium Treatment Area (Cubic Feet)	12,000	24,000
		Primary Volts / Amps	110 / .5	110 / 1
		Hertz / Cycles	50 / 60	50 / 60
	1 Amp Circuit Breaker	Case Material	.060 Anodized Aluminum	.060 Anodized Aluminum
	8' 16/3 Grounded Power Cord With Strain Relief	Finish	Industrial Powder Coat	Industrial Powder Coat
		Warranty	One Year Parts & Labor Lifetime Output	One Year Parts & Labor Lifetime Output

### Introducing Total Zone / Ultra V Series

**Total Zone / Ultra V** ozone generators are the most modern, technically advanced systems on the market today. The **Total Zone / Ultra V** series of ozone generators utilize a proprietary TZUV-Chamber technology that allows them to produce high levels of ozone with the distinct advantage of being completely <u>maintenance free</u>. The TZUV-Chamber has an average life expectancy of 10,000+ hours use. This equates to 8 hours per day, 5 days a week, for more than 5 years. When, if ever, the TZUV-Chamber requires replacing, it is very simple and inexpensive to do. All **Total Zone / Ultra V** ozone generators are designed and built for the utmost reliability in the harshest environments.

#### Markets For Total Zone Ozone Generators

- All hotel rooms can be non-smoking but they can still be smoked in.
- All used cars can be odor free, easier to sell.
- All fire and water damage companies use ozone.
- Apartment complexes can save on carpet replacement and extensive cleaning services after tenants move out, especially if they had animals.
- Restaurants, Bars, etc. can cut down on offensive odors and give their patrons a much more enjoyable atmosphere to dine and socialize in.
   Realtors can remove all odors from homes they are trying to sell. A smelly
- Relations can remove an outron normes they are trying to sen. A sine house is hard to sell.
   Painters can remove the offensive paint odor much sooner so that their
- Painters can remove the othersive paint out much somer so that then customers do not complain.
   Carpet installers can get rid of the smelly and unhealthy VOCs (Volatile
- Carpet installers can get rid of the smelly and unnealiny VOCs (volatile Organic Compounds) put off by new carpet.
- Rental cars can be deodorized and have smoking odors removed before the next rental.

- Health clubs and gyms don't have to smell like health clubs and gyms anymore.
- Dry cleaners use ozone to deodorize draperies and upholstered furniture.
- Homeowners can ozone on a regular basis to keep their home fresh, clean amelling and much bealthiar
- clean smelling and much healthier.
  Boats can be kept odor, mold, and mildew free.
- Boats can be kept odor, mold, and mildew from the second se
- Ozone will kill or deactivate mold, mildew, fungus, bacteria virus, germs, etc.
- Sick buildings can benefit immensely from regular ozone treatments. This
  is much cheaper than replacing drywall, carpet, AC duct work, etc.
- Allergy sufferers can live in a purified environment free from mold, mildew, spores, VOCs, fumes, etc.
- Businesses can benefit by cutting down on employee sick days by ozoning after hours to rid the work environment of unhealthy substances.
- Factories can oxidize unlawful and unhealthy chemical emissions from their exhaust systems.



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