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Ozone generator manufacturer of permanent work Utilizing the highest technology

Part of the Rashkiyan income is spent helping children in need



OZONE 73 **GENERATOR**



Item	Unit					
MODEL		PA-2	PA-5	PA-10	PA-15	PA-20
OXYGEN FLOW	LPM	1-3	1-5	3-8	4-10	5-15
Ozone concentration	gr/hr	0.5-2	2-5	4-10	6-15	8-20
Power	Kw	<0.05	<0.075	<0.13	<0.18	<0.45
Frequency	Hz	7-15 KHZ	7-15 KHZ	7-15 KHZ	5-13 KHZ	5-13 KHZ
Cooling method	Air.cooling for internal & external electrodes					
Diameter for gas tube	mm			6.8		
Power supply	V/HZ	220-50110v-60Hz				
Mounting hole for in & out conection	mm	8	8	8	8	8
Ozone tube weight	kg	10	12	22	40	50

more information capacities other ozone generators PW-PC-PL contact us $\ensuremath{\mbox{\scriptsize \$}}$



advantages (benefits) of the ozone generator in swimming pools

removal of micro-organisms completely reduce the consumption of chlorine
removal of harmful chlorine compounds that cause bad smell npounds that cause had smeil
in the swimming pools
no change in water PH
Removes water fats and Increased water clearly
Suspended particles in the water passing through the filter

Approved by FSIS . 4.
National institute of open . 5.
(schooling(NIOS
Deputy of food drug ministry .6
of health(food and drug organiza(tion

Applications of ozone gener tor in different industries

Sewage water treatment (Industrial food) food processing Swimming pools and water parks Sanitary and medical industries Aquaculture and agriculture indus-

Application of ozone in various industries and centers

Production method

The production method of this product is....and in the form...used to produce ozone in high volumes

tries

Other product features

Long lifespan of the electrode Temperature control sensor • Solubility of ozone to more than % // Ability to work with oxygen or dry air

Principle of quality

Ozone generator have the highest quality parts and design accuracy and are manufactured in compliance with all inter-national standards the product is supplied with the suitable guarantee













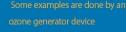












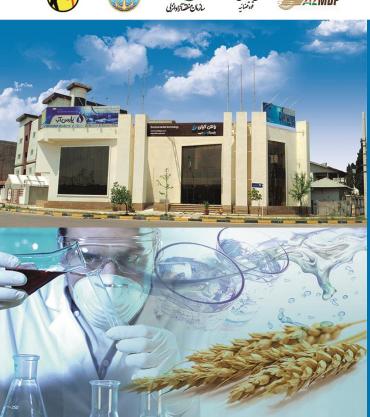
Ghaem international hospital

ery atra in Azarbayjan Wastewater(sewage) treatment MDF fac- • tory in Azarbayjan Welfare and sports complex Islamic re public of Iran broadcasting youth and teenagers sports depaetment Tannin talesh pool water park complex









what's ozone

job as thermo oxidation, but Ozone oxidation is the most with the advantage of working in cold environments, this friendly to disinfects the provides savings in energy & water and air. It works effecmoney

Ozone is ۵1% more powerful •

broad spectrum microbiologi- problems cal control agent available Ozone eliminates the use of •

Ozone has full FDA-approval for direct-food contact application

Ozone is clean and environ-

Ozone is clean and environ-ment-friendly, its only by-product is oxygen Ozone is extremely effective -as a disinfectant at relatively low concentrations Ozone is generated on site -eliminating the transporting, storing and handling of haz-ardous materials

Disinfection

Waste chemica

600s 1200s

No ok

No Ok

No Ok ardous materials

of food products Ozone permits recycling of wastewater whe Ozone reduces Biological Usec (Oxygen Demand (BOD Ozone Ozone Control of the Control

tively against bacteria, virus Ozone is a 1/ more powerful es compared to chlorine. In on bacterial cell walls than chlorine wills bacteria rounders fatter than chlorine tes can also reduce the concentration of iron, manganese, sulfur and reduce or ozone is the most powerful eliminate taste and odour broad-freeting misrabilities.

Ozone oxides the Iron, manozone emininates ine use of - Ozone oxides the Iron, manhont water and conventional ganese, and sulfur in the water to form Insoluble Ozone virtually eliminates - metal oxides or elemental sulfur. These insoluble particuts - Cles are then removed by post-filtration. Organic particuts cles and chemicals will be cles and chemicals will be eliminated through either coagulation or chemical oxidation. Ozone is unstable and
it will degrade over a time
frame ranging from a few
seconds to reminutes. The
rate of degradation is a function of water chamistry pole. tion of water chemistry, pH

tion of water chemistry, pH and water temperature Ozone can be used in many applications and it is generat-ed on site from oxygen, which eliminates the need to haul chemicals or other ardous materials

Ozone is very inexpensive of to produce and has an unlimited supply

Ozone is much safer for employees than any conventional chemicals

Ozone extends the shelf life of food products

Ozone extends the shelf life of food products does an excellent job. There are many applications where thermo oxidation is used to disinfect or clean. Ozone can do the same



Pars ab Caspian Company in keeping with the knowledge of the day, while utilizing the expert technical staff and the most modern equipments in the field of consulting, design, supervision, construc-tion, implementation and supply of equipment for various projects of pool facilities, water collec-tion, water treatment and sewage with door Compliance with all international standards FDA and DIN, WHO, NSF, EPA has been active and has successfully implemented and implemented many pro-

jects so far The company has been created due to production and export potential and in order to complete the service cycle and focusing on environmental technologies and renewable energy in the Azad Free Zone in Y--f, Environmental Technology has been developed in It specializees in the name of the generators, household and industrial water treatment plant (RKC

In order to improve the quality, ease and on par with the global products, the company has taken the representation of General new partner of Europe and all products manufactured under the license of





the company Pars Ab Caspian Company holds ISO Quality Management Certificate