



## Features (Continued)

### Secure and safe

- System instrumentation for safe operation
- IP54 ingress protection compliant – ensures protection and long life of your equipment
- Fully tested and certificated
- Robust dielectric offers improved reliability over other designs

### Easy installation

- Compact designs ensure ease of integration, installation and management with your existing facility

DTPF	Ozone Performance		Cooling Water Demand		Weight		Dimension (depth x width x height)	
	kg/hr	lb/day	m <sup>3</sup> /h	gpm (US)	kg	lbs	mm	inch
91	up to 18.2	up to 100	16.3	71.8				
127	up to 25.4	up to 1350	22.8	100.4				
158	up to 31.7	up to 1700	28.5	125.5				
182	up to 36.4	up to 2000	32.7	144.0				
240	up to 48.0	up to 2500	43.2	190.2				
271	up to 54.2	up to 2900	48.76	214.7				
308	up to 61.6	up to 3250	55.4	243.9				
336	up to 67.2	up to 3550	60.5	266.4				
374	up to 74.8	up to 4000	67.3	296.3				
440	up to 88.0	up to 4650	79.2	348.7				
550	up to 110	up to 6000	99	435.9				

Separate arrangement for generator and PSU

Cooling Water Demand at design conditions: Cooling water at 15°C (59°F) - flow rate is according to the specific ozone production and concentration.

Ozone generators are available stand-alone or as complete systems including ozone contact system, ozone monitors and vent ozone destruction systems etc. High technology combined with high quality materials and components form reliable ozone systems that operate even under different environmental conditions.

## Ancillary Equipment Options

### Feed Gas Supply

- Liquid oxygen storage tanks, vaporizers and complete plants
- PSA – Oxygen (On-site generation, Pressure Swing Adsorption)
- Air preparation systems
- VPSA – Oxygen (on-site generation, vacuum Pressure Swing Adsorption)

### Instrumentation and Control

- Devices for the management and measurement of Ozone concentration and residual in water
- Alarm monitoring and indication
- System control based on process signal monitoring

### Cooling Water Supply

- Air/water cooled chiller units
- Heat exchangers

### Containerized System

- Insulated, lit and painted container
- Complete safety concept including alarms in line with international standards
- Electric heating and ventilation fan

### Ozone Mixing and Contacting

- Side stream injection systems
- Fine bubble diffusers
- Closed reactors
- Degassing tanks
- Demistors

### Electronic Process Control

- MCC
- Main PLC

### Ozone Destruction in Off Gas

- Thermal and Catalytic ozone destructors

WATER MADE EASY

MARINE

ENERGY

MUNICIPAL

INDUSTRIAL



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our research - your future

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