



OZAT[®] CFS-2G

Compact Ozone Generators

OZONE PRODUCTION

OXYGEN FEEDGAS

55 to 730 g per hour

AIR FEEDGAS

37 to 470 g per hour

MAIN FEATURES

- Advanced technology
- High ozone concentration
- Compact dimensions
- User friendly interface
- Robust industrial quality
- Low maintenance
- Low harmonic current rejection

APPLICATIONS

- Drinking water treatment
- Waste water treatment
- Oxidation applications
- Bottle filling plants
- Cooling towers
- Process water
- Pure water
- Aquaculture

The best solution to produce ozone at high concentration in air or oxygen for small ozone applications



OZAT[®] CFS

The OZAT[®] CFS second generation ozone generators incorporate Ozonia's patented Advanced Technology dielectric segments together with a state-of-the-art IGBT power supply and all necessary components for the safe and continuous operation at full-load in an industrial environment.

The OZAT[®] CFS-2G units have been designed based on feedback and experience from hundreds of plant operators around the world. Comprehensive control features are incorporated for extremely easy and flexible operation.



... our way for a better world

OXYGEN FEEDGAS 10% by weight Ozone Concentration	Model	Ozone Production		Outlet Pressure		Oxygen Requirement		Cooling Water		Mains Power
	Units	g/h	lb/d	barg	psig	Nm ³ /h	scfm	m ³ /h	USgpm	kW
	CFS-1	55	2.9	0.7	10.1	0.39	0.25	0.09	0.40	0.76
	CFS-3	165	8.8	0.7	10.1	1.17	0.75	0.27	1.19	2.14
	CFS-7	370	19.7	1.0	14.5	2.61	1.66	0.56	2.47	4.46
	CFS-14	730	38.5	1.0	14.5	5.11	3.25	1.09	4.80	8.55

AIR FEEDGAS 3% by weight Ozone Concentration	Model	Ozone Production		Outlet Pressure		Dry air Requirement		Cooling Water		Mains Power
	Units	g/h	lb/d	barg	psig	Nm ³ /h	scfm	m ³ /h	USgpm	kW
	CFS-1	37	2.0	2.0	29.0	0.95	0.60	0.09	0.40	0.76
	CFS-3	115	6.0	2.0	29.0	2.93	1.86	0.27	1.19	2.14
	CFS-7	240	12.7	2.0	29.0	6.19	3.93	0.56	2.47	4.46
	CFS-14	470	25.8	2.0	29.0	12.1	7.65	1.09	4.80	8.55

DIMENSIONS

Model	Length		Width		Height		Weight	
Units	mm	inch	mm	inch	mm	inch	kg	lb
CFS-1	720	28.4	370	14.6	800	31.5	~50	~110
CFS-3	720	28.4	370	14.6	800	31.5	~70	~155
CFS-7	1000	39.4	450	17.7	800	31.5	~200	~440
CFS-14	1300	51.2	670	26.4	1450	57.1	~420	~926

- Performance based on a cooling water inlet temperature of 20 °C / 68 °F
- Feedgas inlet pressure: 3 to 8 barg / 45 to 115 psig for air and 2.5 to 8 barg / 35 to 115 psig for oxygen
- Feedgas dew-point: -65 °C / -85 °F or drier at atmospheric pressure
- Gas volumes: Nm³/h at 0 °C, atmospheric pressure; scfm at 70 °F, atmospheric pressure
- Design altitude: 1000 m.a.s.l. (10000 ft.a.s.l.)
Reduced performance above
- Ambient temp.: 5 to 40 °C / 41 to 104 °F
- Humidity: <65% (yearly average)
- Protection class: IP 42
- Colour: RAL 1013 (pearl white)
- Standards: SN-EN / IEC / ISO
- Conformity: CE

