

V Series Ozone Generator

Up to 396 grams per hr – air cooled

Features

- Oxygen feedgas
- Air cooled
- High efficiency
- Low energy consumption
- Stable ozone production
- Adjustable ozone output
- Adjustable flow rate
- Easy to use control interface simplifies connections to sensors, detectors & alarms
- Remote control capability



V80



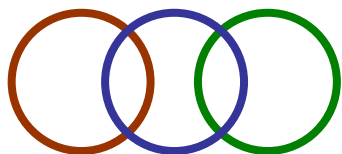
V120 – V240

Applications

- Waste water treatment
- Aquaculture and aquarium
- Swimming pool and SPA
- Ozonated water for disinfection
- Drinking water disinfection
- Semiconductor application

Options

- Computer interface
- Ozone monitor



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Advanced Ozone Products

Specification

V series

Model	V-80			V-120			V-160			V-200			V-240		
Dimension (mm)	600 x 600 x 1090			800 x 730 x 1060			800 x 730 x 1060			800 x 730 x 1060			800 x 730 x 1060		
Weight (kg)	156			244			258			270			285		
Ozone output	O3 Prod (g/hr)	O3 Conc (wt%)	O2 flow rate (l/min)	O3 Prod (g/hr)	O3 Conc (wt%)	O2 flow rate (l/min)	O3 Prod (g/hr)	O3 Conc (wt%)	O2 flow rate (l/min)	O3 Prod (g/hr)	O3 Conc (wt%)	O2 flow rate (l/min)	O3 Prod (g/hr)	O3 Conc (wt%)	O2 flow rate (l/min)
	52	10%	6.1	78	10%	9.1	104	10%	12.1	130	10%	15.2	156	10%	18.2
	68	9%	8.8	102	9%	13.2	136	9%	17.6	170	9%	22.0	204	9%	26.4
	88	8%	12.8	132	8%	19.3	176	8%	25.7	220	8%	32.1	264	8%	38.5
	108	7%	18.0	162	7%	27.0	216	7%	36.0	270	7%	45.0	324	7%	54.0
	132	6%	25.7	198	6%	38.5	264	6%	51.3	330	6%	64.2	396	6%	77.0
Ozone generation	Corona discharge between the surfaces of two quartz tubes. No metal contact with feed gas. High frequency power supply. IGTB based														
Feed gas	Oxygen (external), dew point ≤ -60°C at atmospheric pressure. Recommended source: Airtree MX Series oxygen concentrator, oxygen cylinder or LOX														
Inlet / outlet pressure	1.5 bar g / 0.5 bar g (2.0 bar g / 1.0 bar g also available)														
Inlet / Outlet fittings	6mm Swagelok (6mm dia Teflon tube)			10mm Swagelok (10mm dia Teflon tube)			10mm Swagelok (10mm dia Teflon tube)			10mm Swagelok (10mm dia Teflon tube)			10mm Swagelok (10mm dia Teflon tube)		
Cooling	Air-cooled														
Signal interface	PLC multi-channel setpoint controller/display, with 4-20mA external sensor input Ozone output can be externally controlled by 4-20 mA signal														
Power	AC 220 – 240 V, 50-60 Hz, single phase.														
Certification	CE and EMC certified														
Warranty	Complete system 2 years; ozone generation cell 5 years														