

Stationary Ozone Generators

The EC Series



The EC series of stationary ozone generators are global leaders in their performance class. EC ozone generators are designed for continuous operation in ambient air and utilize unique U.S. patented double dielectric barrier discharge technology to achieve ozone outputs of up to 64g/h at a flow rate of 700 CFM, supporting an effluent flow rate up to 5000 CFM. Higher effluent flow rates may be accommodated by using multiple generators. Since ozone is an extremely powerful oxidant and yet does not harm the environment or leave behind toxic by-products, EC ozone generators are ideal for environmentally conscious air purification.

STANDARDS, SAFETY FEATURES AND PACKAGING

All EC models comply with UL and CSA standards, and come with safety features including a semi-automatic power circuit breaker, two differential pressure regulators and an interlock which shuts off the generator if the enclosure door is open.

TYPICAL APPLICATIONS

The high ozone output levels of EC generators are especially suited for deodorizing applications requiring large scale air purification such as food processing plants, farm buildings housing livestock, chemical plants and sewage treatment plants. EC generators are easily added to existing exhaust systems by use of standard ducting.

CAUTION

Ozone can adversely affect indoor plants, and damage materials such as rubber, electrical wire coatings, and fabrics and art work containing susceptible dyes and pigments (U.S. EPA, 1996a).

EXPANDABILITY

Ozone output is expandable by connecting multiple units together to accommodate higher effluent flow rates

SAFETY FEATURES

- Semi-automatic circuit breaker
- Differential Pressure Regulators (2)
- Door interlock
- High flammability resistance to Standard V0

ENCLOSURE

Fiberglass enriched polyester
Ozone outlet diameter 4"

OTHER FEATURES

Time counter records total operating time.

WARRANTY

1 year.

Model	EC-2	EC-4	EC-6
Type	Wall Mounted	Wall Mounted	Wall Mounted
Ozone Output (mg/h)	15,000	30,000	45,000
Optimal Air Intake (m ³ /h)	300	600	900
Optima Flow-Rate of treated pollution (m ³ /h)	1,500	3,000	4,500
Size (cm)	65 x 25 x 45	75 x 30 x 54	75 x 30 x 54
Weight (kg)	25	32	35
Input Voltage	230V; 50Hz	230V; 50Hz	230V; 50Hz
Power Consumption (W)	150	300	450
Output Pipe Diameter (cm)	10	10	10

ENVIRONMENTAL SPECIFICATIONS

Ambient temperature 25-105 °F

Relative humidity up to 95%

