AIR STERILIZER CAT-SD

CAT-SD-05

CAT-SD-01

APPLICATION

CAT-SD has been developed specifically to meet the need for effective and reliable odor containment, the elimination of airborne bacteria, viruses, moulds and the retardation of surface bacteria, viruses and moulds, without the use of chemicals.

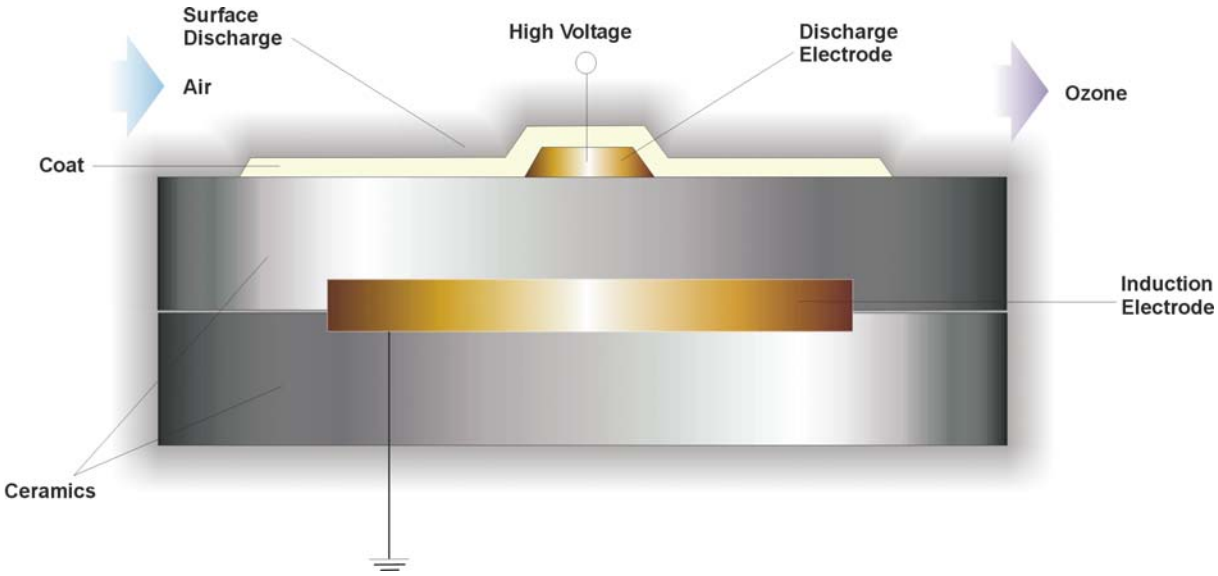
FEATURES

- no chemicals
- plug and play solution
- stainless steel design
- highly efficient
- long life discharge electrode made of coated ceramics
- steady ozone generation even at high humidity
- discharge surface easily reachable for cleaning purposes

CONSTRUCTION PRINCIPLE

CAT–SD operates on well established scientific principles. Frequency controlled high voltage is applied between a linear discharge electrode on the surface of a thin uniform high purity ceramic plate and an internal induction electrode. A surface discharge is generated from the edge of the linear discharge electrode to ozonize the oxygen in the air.

The resulting activated oxygen mixture which contains all three forms of oxygen – O, O2, O3 (trace) – is a very active oxidizer that attacks organic molecules in the air and destroys bacteria and microorganisms by breaking down their pertinacious structure. Similarly, osmogens (odour producing particles) are oxidized into water vapour and other harmless compounds.



TECHNICAL DATA

CAT-SD		01	02	03	04	05
ozone concentration	µg 0_3/h m^3	100	250	500	1000	5000
power supply				230/110 VAC-50/60 Hz		
dimension	B/mm	120	440	440	440	440
	H/mm	70	165	165	165	165
	T/mm	65	153	153	153	153
carrier gas				Ambient air/ <35 ˚C / <90 %rH		
air flow	m^3/h	10	50	50	50	80
power consumption	Wh/h	10	20	30	50	250
weight	kg	0,3	4,1	4,3	4,7	5,8
approval				CE		

DISTRIBUTED BY:

MANUFACTURER:

ANSEROS

ANSEROS KLAUS NONNENMACHER GMBH
D-72070 TÜBINGEN · DISCHINGERWEG 11
PHONE +49.7071-7995-0 · FAX +49.7071-7995-95
INFO@ANSEROS.DE · WWW.ANSEROS.DE