



HVCC



The germ and virus killer with the good smell

Ozone generators are highly effective to disinfect whole rooms. By creating Ozone from air, a strong oxidizing radical is released that can destroy germs, virus, and bad odors. A usable amount of Ozone can be generated by Corona discharge and distributed by a blower. The Corona discharge over two oppositely charged metal electrodes is driven by a voltage doubler and uses up to 10 kV.

The HVCC series offers voltage ratings from 10 kV to 20 kV with high reliability, perfect for Ozone generators. Furthermore, the operational temperature is from -30 °C to 105 °C, covering the temperature range for such applications.

Key Features

- Capacitance range from 100 pF to 2000 pF
- Voltage range from 10 kV_{DC} to 20 kV_{DC}
- Operating temperature range from -30 °C to +105 °C
- Y6P dielectric offers ±10 % capacitance change over the operational temperature range

Key Applications

- Airpurifier
- Ozone generator
- Ionizer
- Electrostatic bar

Key Benefits

- High capacitance values up to 2 nF in small sizes
- High reliability provided by improved ceramic disc design and optimized coating
- Low losses < 1.5 % due to use of high quality ceramic powder

