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SAFEST PROCESSES
FOR
DEODORIZING IN
AN OCCUPIED AREA

PLASMA DISINFECTION EQUIPMENT

WHAT IS PLASMA HYDROXYL GENERATOR TECHNOLOGY?

Hydroxyls radicals (not to be confused with ozone) are formed when UV-C radiation from the sun strips the hydrogen (H) atoms from water molecules (moisture - H₂O), forming negative hydroxyl ions (OH⁻) and a little hydrogen peroxide* (H₂O₂ gas) which helps clean the air.

Atmospheric hydroxyl radicals are so reactive that they are instantly neutralized when they make contact with any substance and would be impossible to ingest as a complete ion. This fact makes hydroxyl radicals, which are in the outside air at all times during the day, one of the safest processes for deodorizing in an occupied area

APPLICATIONS

*Hospital / ward, Taxi / bus, Factory / workshop,
Cinema / KTV, Hotel / Restaurant, Internet cafe / bar,
School / classroom, Subway / high-speed rail,
Hot spring / spa, Tourist car / cruise boat.....*



In other words, hydroxyls react with airborne pollutants and destroy them. They are highly reactive and very short-lived with an average half-life of fewer than two seconds. They are airborne pollution and pathogen eaters.