Ozone is a powerful cleaning element that provides the perfect deep cleaning solution for mild to severe restoration projects including:

Fire and Flood Damage   Urine and Blood Residue
Cigarette and Tobacco Odor   Mold Infestation

Ozone is 10 times stronger than chlorine as a disinfectant without creating the toxic by-products chlorine creates. Ozone destroys odors, not by masking them with a fragrance, but by disassembling them at a molecular level. Ozone can destroy viruses and bacteria, such as anthrax, e-coli, salmonella, and staphylococci.

O3 Generator works on a similar principle to household ionizers but generates a much larger volume of ozone (up to 3 grams per hour) than their household counterparts are capable of producing. The O3 Generator from Powerplus produces the amount of ozone necessary to kill the most resistant bacteria and virus strains household ionizers cannot. And after ozone destroys the odor molecules and bacteria, it breaks down into harmless compounds like oxygen and carbon dioxide. More severe situations will require greater ozone exposure. Ozone-treated homes must be evacuated during the treatment process as ozone, in high concentrations, can be toxic to humans and animals. Faster treatment times can be achieved by using multiple O3 Generators.

Easy operation. Plug in your O3 Generator(s), adjust the output volume, the output duration, and walk away. Put the power of ozone to work for you with the Powerplus O3 Generator.

Explanation: Organic substances, like odors, are composed of hydrocarbon molecules. Ozone is an unstable molecule that attacks hydrocarbon molecules and breaks them down into harmless substances like carbon dioxide, oxygen, and trace amounts of water. Because bacteria and mold are also made up of hydrocarbons, ozone actively destroys bacteria and mold. Ozone can penetrate any fabric, wood, and concrete up to 2 feet thick.