



Nowadays, **coronavirus** is widely discussed in various articles. Every day we hear more and more about lethality of this virus. In order to protect ourselves against this virus spread, it is necessary to disinfect premises. There are many ways to do the disinfection, however, one of the most effective ways to do it is **OZONATION**. It destroys 99% of viruses, bacteria and other microorganisms, including flu, SARS, and other viruses.

### What is coronavirus?

Until now COVID-19 virus has not been detected in humans. Coronavirus COVID-19 is closely related to SARS virus (COV-2). According to World Health Organization data, coronaviruses are a huge family of viruses, causing diseases, from a cold to more difficult illnesses, such as Middle East respiratory syndrome coronavirus (MERS-CoV) and severe acute respiratory syndrome (SARS-CoV).

### How does ozone eliminate viruses?

Usually, viruses are small, independent particles, made of RNR or DNR information surrounded by protein micro molecules and which propagate only in host's cell. The new coronavirus is considered an "enveloped virus." Enveloped viruses are usually more sensitive to physico-chemical challenges. During earlier researches, 99% of such type viruses were either damaged or eliminated after 30 seconds of direct exposure to ozone. Ozone eliminates viruses by diffusing through its protein coat into the core of a genetic nucleic acid and damaging the viral RNA. At higher concentrations, ozone during oxidation destroys the exterior protein shell, rendering the virus instantly ineffective.

Now there are more than 17 scientific researches, proving, that ozone gas can eliminate SARS coronavirus. Because the structure of novel 2019-nCoV coronavirus is nearly identical, this suggests that ozone fights the novel coronavirus just as easily.

### What ozonation product and how it should be used in order to eliminate coronavirus?

Ozone, in its gaseous state, disinfects air, surfaces and penetrates to far points and even cracks in the room. It is especially important to use ozonation technologies properly and safely. During high concentration ozone disinfection, people, as well as pets should not enter the premises. After the ozonation process it is recommended to ventilate the premises and only then continue to use them.

There are two types of Airplus1 ozonation systems: mobile and smart-stationary. Further information and consultation to find a product, that fits your needs the best will provide Airplus1 specialists.