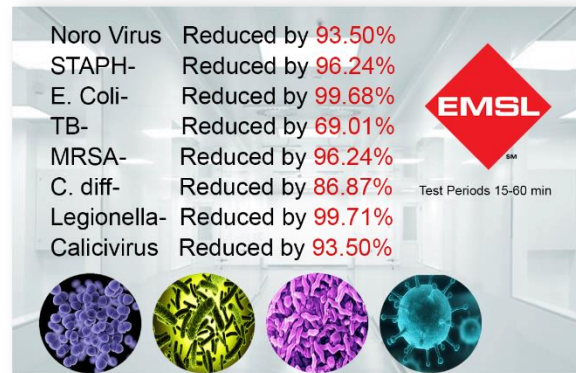


Viruses are generally categorized into three groups by their structure. This is important in how disinfectants can kill the viruses.

- Enveloped viruses are easiest to kill. (An example is Influenza A Virus.)
- Large, non-enveloped viruses are more difficult to kill. (An example is Rotavirus.)
- Small, non-enveloped viruses are hardest to kill. (Examples are Rhinovirus and Norovirus.)

Coronaviruses are enveloped, meaning they are one of the easiest types to kill with the appropriate product. Top Product Innovations (TPI) cold plasma generation technology, Phenomenal Aire™, has a documented kill rate on Norovirus of 93.5% in 30 minutes. Microbiologists have suggested that the Phenomenal Aire™ product line has the potential to kill Coronavirus at a higher rate.

Because COVID-19 is currently unavailable for testing purposes no company can make a verified medical claim to effectively killing the virus. TPI can however provide Phenomenal Aire's™ verified test results and kill rates for similar viruses and other harmful pathogens.



Phenomenal Aire™ Cold Plasma Generator technology is designed for installation and use within a commercial building's Heating Ventilation and Air Conditioning (HVAC) system. Phenomenal Aire™ produces an electric field filled with highly charged ions.

The ions act as a natural scrubbing agent for the air passing through the field. This scrubbing process (ionization) breaks down harmful organisms into molecular components that safely kill viruses, pathogens and bacteria by robbing them of the hydrogen atoms essential for them to survive. The ions created by Phenomenal Aire™ can then travel from the HVAC system into the occupied living or working spaces where they continue to safely eliminate viruses and pathogens in the air as well as on high touch surfaces like tables, countertops, desktops, doorknobs and computer keyboards.

