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An Asahi Kasei Group Company

Dear Valued Customer,

In an effort to continue to serve you during the COVID-19 Health Emergency. We would like to share important information regarding your ZOLL Ventilator and address any concern about the ability of the device to operate in hazardous environments such as exposure to viruses e.g., COVID-19.

ZOLL Ventilators are designed to be used in environments where chemical and/or biological toxins are present. There are design features in the device that:

- 1) Protect the patient
- 2) Protect healthcare providers and the environment from cross-contamination
- 3) Prevent contamination of the device itself.

These are highlighted below.

- When being used in a hazardous environment, it is recommended that all gas delivered to the patient comes from either a pressurized medical-grade oxygen source and/or filtered ambient air passed through the Fresh Gas/Emergency Air Intake.
- ZOLL Ventilators are designed to allow attachment of bacterial/viral or chemical/biological filters based on the direction of the medical control officer.
- Bacterial/Viral filters are recommended for use in environments where the patient is at risk from cross contamination or airborne pathogens. Chemical/Biological filter canisters are recommended for use in contaminated environments. When used in accordance with the manufacturer's instructions, these filters can help prevent inhalation of infectious matter.
- Using filtration on the exhalation valve provides further protection to the healthcare provider by filtering any exhaled gases.
- Details on the use of different filters and post use decontamination are provided in the products operator's manual.
- Finally, to prevent the patient from breathing contaminated ambient air in the event of a ventilator failure, the device contains an internal anti-asphyxia valve that allows the patient to inspire gas through the external filter. This design assures that no contaminated gas reaches the patient. Details are provided in the ventilator operator's manual.

If you have any additional questions, please do not hesitate to let me know.

Best regards,

Shannon Tinker
Global Product Manager, Ventilation