



More than 80 different organic compounds, including a range of toxic chemical by-products, have been identified in surgical smoke plumes. AER DEFENSE Smoke Evacuator System from ConMed has been designed to provide patients and OR staff with efficient protection from the harmful particles in surgical smoke and aerosols.

**Reduces risk of infection:** The AER DEFENSE system captures and filters surgical smoke to remove potentially hazardous and infectious bacteria and viruses from the environment. This massively reduces the risk of contracting infections for surgical personnel. Additionally, this system removes noxious odors from the operating site, ensuring a more pleasant OR experience.

**Quietly efficient:** This system is powered by a dual-stage motor, which allows for more efficient suction capabilities. It also results in less noise production - AER DEFENSE is 11% (7dBA) quieter than ConMed's previous smoke evacuator model.

**Impressive functionality and efficiency:** Designed to provide exceptional versatility in the OR, AER DEFENSE offers four specialized operational modes: Automatic, Laparoscopic, Continuous and Footswitch Activation. This allows surgical staff their choice of activation and usage. The AER DEFENSE system uses ULPA graded FilterOne, which has 99.9995% efficiency at 0.1 $\mu$  (micron) particle size, providing incredibly effective filtration and cleaning. The life of these filter is calculated by airflow, allowing for a longer filter life of 35 hours.

**Easy to use:** AER DEFENSE is compatible with other manufacturer's electrosurgical units. It features an LED indicator showing the filter life for maximized efficiency. The system is a small size to fit on a cart or boom arm, and includes a built-in carrier handle for easy transportation.

