



The AER DEFENSE Smoke Evacuator is CONMED's new surgical smoke evacuation system intended to remove smoke, aerosols and noxious odors produced during electrosurgical procedures. The AER DEFENSE offers four different modes of operation which makes it the most versatile smoke evacuator on the market and is 11% (7dBA) quieter than our previous model. The ULPA-grade filter is 99.9995% efficiency at 0.1-micron particle size with a filter life of up to 35 hours. The AER DEFENSE coupled with the CONMED GoldVac Smoke Evacuation Pencil provides an exceptional combination to protect your staff and patients from the hazards of surgical smoke in the OR.



# Specifications

## Dimensions

Height: 14.25 in ( 36.2 cm)

Width: 12.38 in (34 cm)

Length: 18.25 in (46.4 cm)

Weight: 25.5 lbs. (11.6 kg)

## Flow Rate

2 sealed lead acid batteries, 12 Vdc @ 2.3A load, 2.3 AH each battery.

## Power

15 AMPS @ 100V/120V

8 AMPS @ 220/240V

## Tubing Size

7/8" (22mm), 1-1/4" (32mm), and 1/4" (6.4mm)

## Motor Rating

115 CFM (3257 LPM)

## Static Suction

97" (246cm) H<sub>2</sub>O

## Filtration Rate

0.012 μm

## Filtration Efficiency

99.99995%

