ANDERSEN STERILIZERS

High Efficiency Gas Sterilization Systems

The new Andersen EO flexible chamber (EO-FCT) sterilizers offer the most gas efficient process on the market today. We offer a range of systems for human health care, industrial and veterinary applications.

FDA cleared and ISO approved, there is an Andersen sterilizer to meet your needs. When installed with an Andersen emissions abator these high efficiency systems produce effectively zero emissions to the environment.

The Most Effective Sterilant

- Proven reliability
- 58% of all medical devices are sterilized with EO
- FDA recommended for material compatibility and duodenoscope sterilization

The Most Efficient Sterilizer

- Only 17.6 grams of EO per cycle
- Eliminates chamber dead space with high efficiency EO-Flexible Chamber Technology (EO-FCT)
- Ability to sterilize long, narrow and multi-channel lumens.

Zero Emissions Process

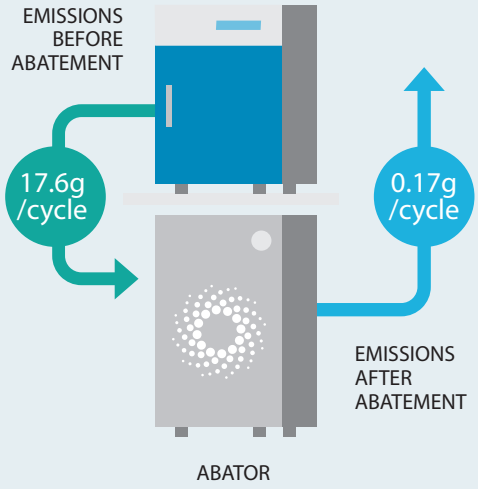
- Andersen's solution to completing its zero-emissions sterilization system
- Easy installation
- Replaceable cartridge lasts up to 200 cycles

EOGas 4 Emissions by the Numbers


EOGAS 4

Single Cycle Emissions Data for Andersen EOGas 4 Sterilizer
Emisions = 17.6g per cycle

What are the emissions for an Andersen EOGas 4 Sterilization System with abator?
Emissions = 0.17 g/cycle



Emissions Data for Andersen EOGas 4 Sterilization System:

The Andersen EOGas 4 sterilizer uses a 17.6 gram, 100% Ethylene oxide (EO) cartridge. The cycle time is 3 hours of sterilization with a 0.5-hour purge cycle, for a total 3.5-hour minimum cycle. Additional aeration may be necessary.

Annual Emissions based on typical usage:	*Without Abator*	*With Abator (99% Removal Efficiency)*
Light use (one cycle per week):	4.0 lbs./1.8kg	0.04lb/0.02kg
Medium use (two cycles per week):	10.0 lbs./4.5kg	0.1lb/0.5kg
Heavy use (five cycles a week):	20.0 lbs./9.1kg	0.2lb/0.09kg
Annual Maximum Emissions:	96.5lbs/43.8kg	0.96lb/0.44kg

Annual Maximum Emissions calculations [1]:

- Hours in a year: 365 x 24 = 8,760
- Maximum potential number of EOGas 4 cycles in a year[2]: 8,760/3.5 hour cycle = 2,503
- Maximum potential grams used per year: 2,503 x 17.5 = 43,800
- Maximum potential emissions per year: 43,800/454 = 96.5lbs/43.8kg

Hourly Emissions calculations:

- EOGas4 releases 17.5g over a 3.5 hour sterilization/purge cycle, or approx. 5g /hour.
- WITH an abator, the EOGas 4 system releases an average of .05 grams EO/hour.

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1- The Annual Maximum Emissions calculation assumes that a sterilizer is run 24 hours a day, seven days a week, for all 365 days of a year. This calculation is used by some regulatory agencies to determine the maximum potential emissions from a system. It does not include additional aeration time and does not reflect the usage or the emissions of a typical user/facility.

2- Assumes no additional aeration. In practice, many loads will require 12 to 24 hours of additional aeration in the cabinet.