

100% EtO Gas Diffusion: The most effective sterilant, the most efficient system

*Unlike traditional Ethylene oxide sterilizers which involve rigid metal chambers and large external tanks of gas, the Andersen EOGas system uses plastic sterilization bags and unit dose 100% EtO cartridges. By eliminating chamber dead space, EOGas employs only a tiny fraction of the EtO used in other systems.*

**Process:**

The packaged items to be sterilized are placed inside a sterilization bag along with an EtO cartridge and a Humidichip®. The bag is heat sealed and loaded into the sterilization cabinet. Once inside the cabinet the EtO cartridge is manually activated through the wall of the sealed sterilization bag.

Cartridge sizes range from 5 grams to 18 grams of EtO

**Bag Sizes:**

Standard EOGas sterilization bags are available in two sizes; 35-Liter or 7 liter. Custom bags sizes are also available. EOGas cartridge range in size from 5 gram to 18 gram, and will be selected as part of the validation process. This unique technology allows you to match each sterilization load to the appropriate bag/cartridge combination, and to adjust cycle length and temperature as needed.



**Sterilization Cabinet:**

The sterilization cabinet acts as a heated aeration chamber, maintaining a constant temperature (40 - 50°C) and drawing off the EtO as it diffuses through the plastic of the sterilization bag over the course of the 16 hour sterilization/aeration cycle. Validated cycles may be shorter or longer depending upon the product type. EOGas sterilization cabinets vary in capacity from six to thirty three cubic feet, and are designed to process from three to twenty individual sterilization bags.

**Validation:**

Andersen Flexible Chamber EtO Sterilizers are validated in conformity to ISO 14937:2009, as a revision of ISO 11135:2014, and AAMI TIR 56. Please call us for more information on our validation services.



7 liter and 35 liter bag sizes.