

Sec. 21a-235-21. Steam, water and hot air as sterilizers

Live steam under pressure, live streaming steam, boiling water, and hot air at a temperature of not less than 212°F. are both germicides and insecticides. All articles and materials which are susceptible of treatment by any of these methods need no further treatment to render them free of all germs and insect life. Dry hot air is not so effective as steam or boiling water in killing either germs or insects. Hence, hot air chambers shall be kept at 250°F. for a period of two and one-half hours to insure complete sterilization. Steam at pressure of fifteen pounds per square inch giving a temperature of 250°F. is effective with an exposure of thirty minutes; at pressure of twenty pounds (temperature of about 300°), the time is twenty minutes. Streaming steam at a temperature of not less than 212°F. is fairly effective with an exposure of three hours. Boiling water is effective with two hours of exposure.

(Effective July 27, 1984)