

THE PERFECTION SURGICAL INSTRUMENT STERILIZER.

This sterilizer is made for the generation of steam within itself by gas heat, or by means of steam from the boiler plant of an institution, confining it in coils from direct contact with the water provided to vaporize for sterilization.

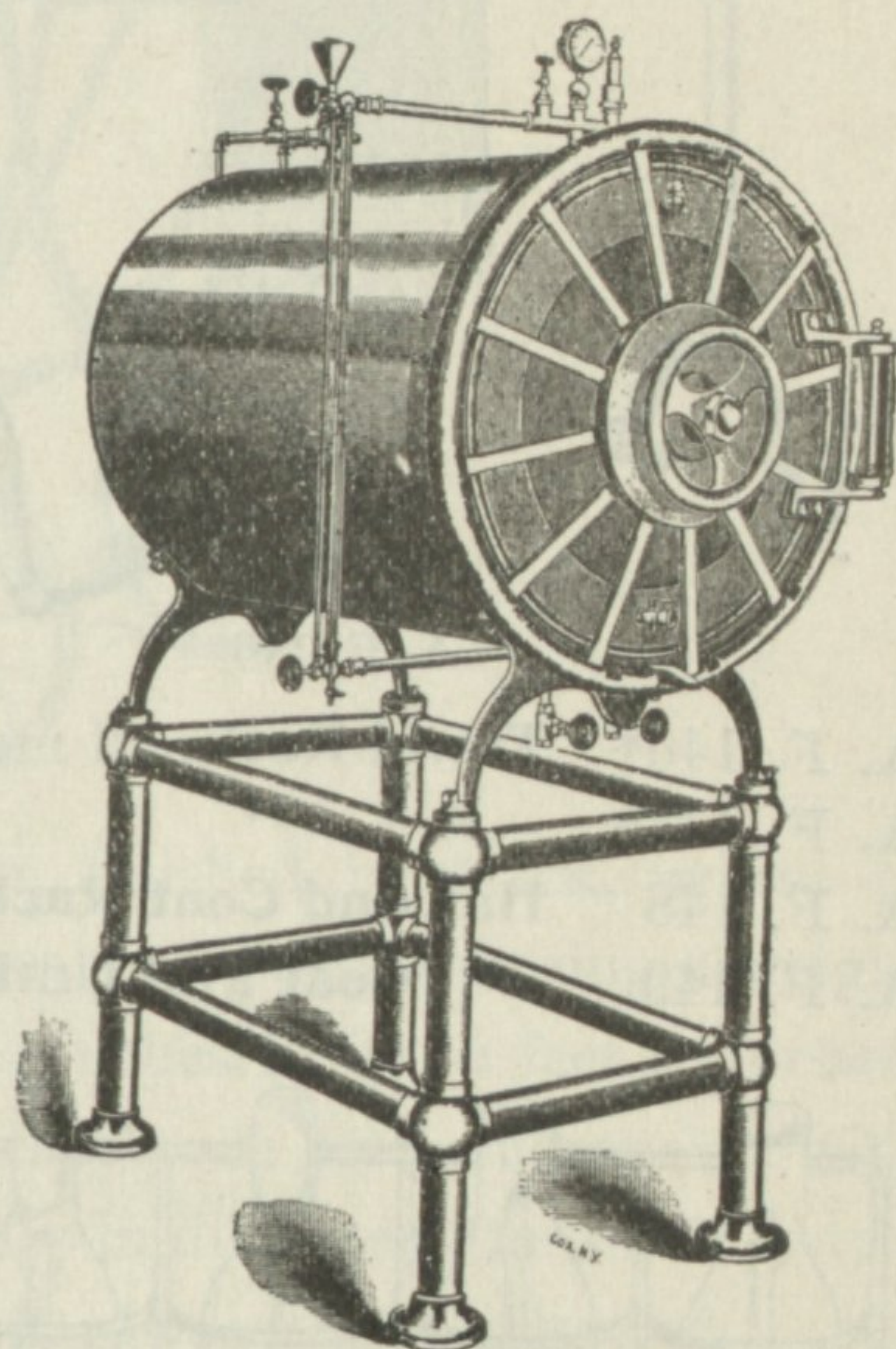
The technical test of a sterilizer for the surgeon's use is the absolute sterility of everything processed in it, and of dry dressings. We claim that the perfect results of the work are only obtainable in the use of the "Perfection Sterilizer," and give as our reason for this opinion, our methods of producing the result.

1st. Water for vaporizing is carried, not in the chamber of sterilization, but in the jacket surrounding. Steam is there generated under 10 lbs., or if you like, 20 lbs. pressure, giving off a sensible effort of heat from 240° F, to 260° F.

2nd. Under the conditions stated above, the articles for sterilization are placed in the chamber, the door closed and locked. Then the atmosphere locked in the chamber is forced out of it by means of the air ejector, leaving a vacuum.

3rd. The steam confined in jacket is now turned into the chamber, and as the atmosphere has been withdrawn from the articles, the steam instantly enters, and the contact continued for from 15 to 30 minutes, according to the density of the load in chamber.

4th. At the end of steaming, cut off communication between chamber and jacket, open escape valves, and by means of the air ejector applied for from 10 to 20 minutes, according to the quantity and character of goods in the chamber, open the door, and there will remain no evidence of steam, and the goods may be removed dry and sterile.



The advantages of the "Perfection" and for which Letters Patent are held, are:

A. The jacket for water and steam surrounding the chamber, securing for it a high degree of dry heat.

B. The means for creating vacuum on the initial, and withdrawing steam at the finish of the process.

C. The perfect door of entrance to the chamber.

D. The air filtering valve to prevent possible fertilization while destroying vacuum.

The convenience of manipulation of the apparatus and the technicality of manufacture.

A combination dry-oven with a steam pressure sterilizer.

The double cylinders used in construction of these sterilizers are of the best Lake Superior copper, with a resisting strength of 100 lbs. to the square inch.

Every "Perfection Sterilizer" is constructed upon an equal basis of strength, having in mind its safety, longevity and exemption from repairs, as well as to secure for each size and class the assurance of its being capable of fully carrying out its functions. The classes refer solely to finish, the realization of results being the same in any class.

As already stated to produce the "Perfection Sterilizer" we consider results, using only the strongest and best material throughout, and are most exacting in workmanship.

This sterilizer is made of various sizes ranging from 8½ x 19 to 24 x 32 inches inside measurement. Special circular with prices will be sent on request.