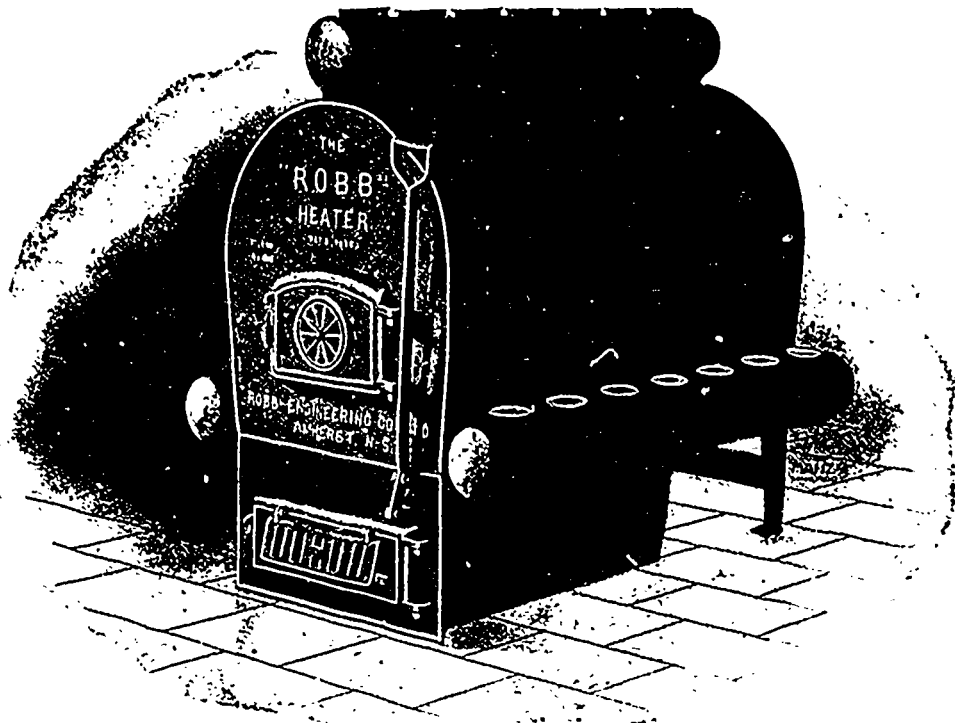


THE ROBB HEATER.

The heating of residences and other buildings is so important a matter that any marked improvement in the apparatus employed, is deserving of mention. The Robb hot water heater, manufactured by the Robb Engineering Co., Amherst, N.S., is designed to overcome many of the objections found in the older forms, and is said to be giving the best satisfaction where ever used.

It will burn any kind of fuel, hard or soft coal, coke or wood. The heating surfaces are self-cleaning, as they are directly exposed to the fire and cannot become coated with soot or ashes. This is a very important point, as the cleaning of a heater is seldom properly attended to, with the result that a great deal of heat is wasted.

Sufficient surface is supplied to take up the heat without requiring the flame to travel through a number of narrow or crooked passages, as is usually done. The draught is, therefore, unobstructed and good combustion ensured.



The water circulation is rapid, because it is always upward, which is the natural direction for heated water to move. Besides heating a building more quickly than is usual with hot water, this helps very materially with the economy. The cooler the water, the more heat it will absorb from the fire. It should, therefore, move away as soon as warmed, allowing cooler water to take its place.

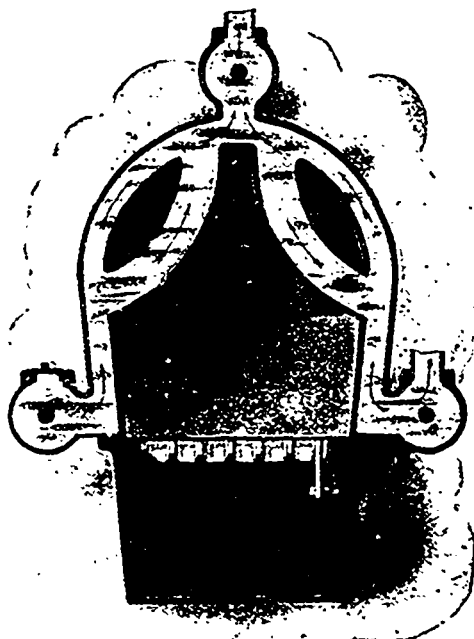
This heater is very convenient to connect, as the flow pipes may run in any direction and the returns may be brought to either side, or part to each side, as preferred. The height is much less than any other type, so that it can be used in a very low cellar.

The Robb Engineering Co. have recently issued a very handsome catalogue giving full particulars of this heater, which we understand they will send on request to anyone interested.

Niagara Falls, the greatest drawing attraction of the New World at all times, will be visited by far greater crowds than ever before during the progress of the Pan-American Exposi-

tion. The Falls and also the wonderful Niagara Gorge will be brilliantly illuminated every night. A series of tall steel poles will be erected on both the American and Canadian sides of the river and on their tops will be search-lights, throwing a flood of constantly changing colored lights on the majestic cataract and the whirling rapids below. Arc-lights will also be placed in the Cave of the Winds, giving the graceful sheet of water which falls in front of it like a great curtain a beautiful phosphorescent appearance. The Falls itself will furnish the current for the light, as well as for all the lights and machinery at the exposition, twenty miles away. — The Pan-American Herald.

"Whirl round your head a closed vessel filled with wet steam. The water particles will be deposited on the farthest end. Why? Simply because water is heavier than steam, and is therefore thrown outward with 1,600 times the centrifugal force." Thus is explained the reason for the effective operation of the Sturtevant Exhaust Head as presented in a circular recently issued by the B. F. Sturtevant Co. of Boston, Mass. It will be sent upon application.



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