

## REVIEW.

Burning fuel oil by the Fess Rotary Oil Burner System is illustrated and described in a catalogue just received, which states that the many installations in Toronto and elsewhere are giving complete satisfaction, operating without smoke, ashes, dust or noise, and showing a considerable saving in cost of operation as compared with coal. This apparatus burns crude or refuse oil, a supply of which is always obtainable for delivery to a tank usually placed underground, either within or without the building, and in dispensing with the coal pile, laborious handling of coal and ashes is eliminated. Installations can be made in any boiler or furnace, and a further advantage in this system is that in mild weather the opening or closing of a valve controls the heat desired and affects a saving, impossible where coal is used. The Fess Company, 121 Carlton street, Toronto, will be glad to demonstrate their system in operation and to furnish estimates and specifications.

The Granite Concrete Block Company are issuing a new catalogue descriptive of granite veneered cement building blocks of various kinds as manufactured by them. This product provides a durable and handsome building material warm in winter and cool in summer, easily handled and laid and comparing favorably with other materials in cost. The company invite the inspection of their plant and material by architects, contractors, and others interested and will be glad to furnish information as to the many buildings where this material has been the satisfactory material used. Formerly located at the corner of Yonge and St. Clair ave., the expansion of their business has made necessary the acquiring of some thirteen acres of land on Weston Road, where a new plant has been installed and provision made for future extension.

The W. E. Clark Company have issued a catalogue illustrating and describing the specialties manufactured by them in Canada for the automatic control of water and steam heating plants. These specialties comprise the Clark Air Line Valve, Clark Vacuum Trap and the Clark "Nopack" Graduated Inlet Valve, all of which are of merit and an advantage where heating is required, as explained fully in this booklet. The Clark Temperature Booster as used on hot water heating systems, which, it is claimed, not only remedy defective installations, but will make any system of hot water heating better by increasing the circulation with no extra fuel consumption.

"More Hot Water for Less Gas" is the title of a neat folder issued by The James Morrison Brass Manufacturing Co., Limited, Toronto, which illustrates and describes at length the Stack Water Heater as manufactured by this company. This heater is guaranteed to give hot water in one minute from the time of lighting the gas, and to continue same as long as the gas is used, on account of the larger copper radiating surface which is placed perpendicularly in the heater causing the flame to circle around the tubes. The claim is made that for this reason also less gas is required per gallon of water heated.

The Canadian Laundry Machinery Co., Ltd., Stirling Road, Toronto, have issued for distribution to architects and those interested an extensive and well-prepared catalogue covering the wide range of laundry equipment manufactured by them, as illustrated in the 226 pages comprised in the book. Detail drawings are included with complete descriptions, and should prove a ready reference when the equipment of the laundry is being decided on. In writing for a copy, ask for catalogue "B."

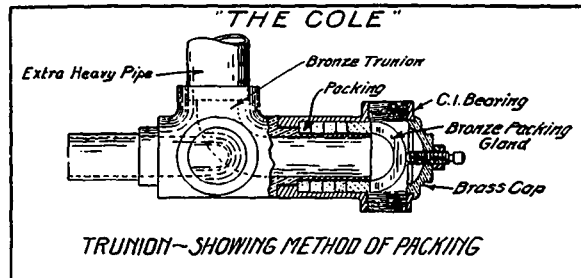
The Canadian Forestry Association have issued for free distribution a booklet entitled "Boy Scouts' Forest Book," with descriptive matter concerning Canada's forests, for the purpose of interesting the youth of the country in the many and varied trees to be found here, with information as to the preservation of same.

The Powers Regulator Co. have issued for distribution to architects and engineers a most ingenious device for calculating the size of hot water tanks, etc. This calculator is made of good quality celluloid, durable, and convenient in size, and will be prized by those receiving a copy.

The Richards-Wilcox Canadian Co., Limited, of London, Ont., have issued literature illustrating and describing the "Stewart" Electric Door Opener and Closer. This attachment is a time and labor-saver, as by merely pressing a button placed in any part of a building the doors open or close to any degree as may be desired, operated by a small motor placed overhead and out of the way. Public garages will find this attachment valuable to operate the doors for incoming and outgoing traffic without requiring the time of the attendants who are at times not available, and thereby causing delay and congestion of traffic. The illustration herewith shows an installation of this type, the doors being controlled by the office clerk.



ELECTRICALLY OPERATED GARAGE DOOR.



## IMPROVEMENT IN STEAM TRAP.

The accompanying cut shows a new system of packing on trunions for tilting steam traps invented by Geo. W. Cole, and used by his company on all their different types of traps. Note the offset in bronze trunion where packing makes a joint as well as the long sleeve, and forced in place by a set screw against end of bronze gland then backed off making tight the lock nut. The steam pressure keeps it tight and allows same to expand without causing extra friction. By the use of the self-adjusting packing allows them to place a counter on the trap, therefore registering all the water returned back to boiler, or open tank. It is an ideal device for a combined metre and trap to be used on district heating plant.

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