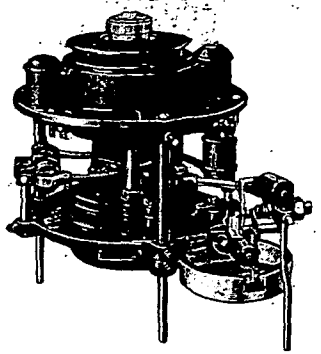
Automatic Burner Corporation

1823 Carroll Avenue, **Chicago, U. S. A.**

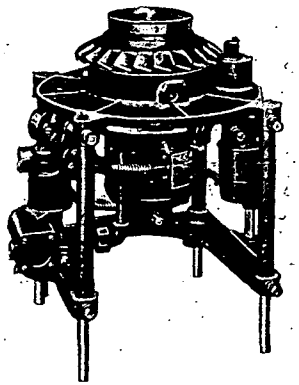
Branches:

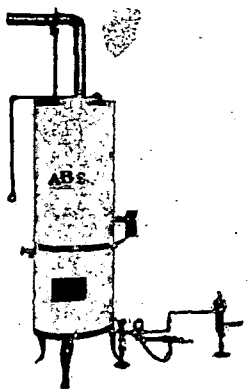
CHICAGO · DETROIT · NEW ROCHELLE · WASHINGTON, D. C. · BALTIMORE · PHILADELPHIA



Type E Automatic Oil Burner—ABC Oil Burners are of the rotary atomizing type. Oil is raised to the atomizing cup through a hollow tapered armature shaft by centrifugal force. Special 1/10 h.p. motor runs at 10,000 r.p.m. No fans or blowers. Orange flame is applied over the entire grate area at grate level. Gas or electric ignition. Burns cheaper grades of oil. Easily installed in practically all types of gas fired warm air furnaces; steam, vapor and unit, heater systems and hot water plants. Three sizes of Type E handle 1200, 3000 and 6000 feet of steam radiation respectively.

Type H Burner is also of the vertical spindle rotary type with 1/20 h.p., 110 volt, motor operates at a constant speed of 3400 r.p.m. Power consumption of this burner is only 70 watts at full load. This burner has an oil rating of from one to two gallons per hour and will handle 600 feet of steam radiation or the equivalent in hot water, warm air or vapor. This burner can be installed in practically any heating plant within its capacity. Type H Burner may be installed in connection with either inside or outside storage tanks of any capacity.

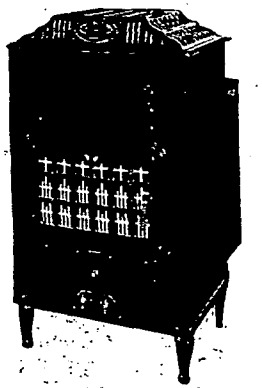




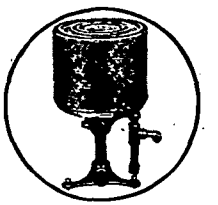
ABC Automatic Hot Water System—This unit consists of a water storage tank, valve, constant level device and fuel reservoir. Several elements in the construction have been left flexible to make it adaptable to varied installation conditions. The ABC system is furnished with either manual or automatic high-low flame control. This system can also be installed as a conversion unit to replace coal or automatic gas heaters. It is exceptionally economical.



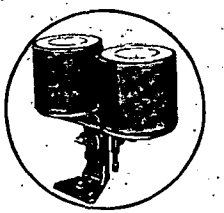
ABC Space Heater—This unit is ideal for heating garages, out buildings or single rooms in the house. It is ruggedly built and shows, in actual tests, an over-all efficiency of 80 per cent. It is designed to heat approximately 2000 cu. ft. of space. Rated B.t.u. input is 17,500 B.t.u. per hour. Heats approximately 2000 cu. ft. of space. Walnut or blue steel finish; top, door, bottom and legs are cast-iron. Shell is blue steel. Full mica door. Height 38 in., width 13 in. Depth with oil container, 24 in. Capacity one pint per hour.



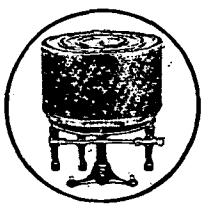
ABC Circulating Heater—Provides, clean, even, economical heat for one to three rooms. Attractive walnut finish or blue steel as desired. Scientifically designed for low stack temperature and high over-all efficiency. (80 per cent by actual test). Strongly built, steel shell. Cast-iron top, door, bottom and legs finished to match. Heats approximately 4000 cu. ft. of space. Rated B.t.u. input, 35,000 B.t.u. per hour. Height 41 in., width 22½ in., depth with oil container, 26 in. Fuel capacity two and one-quarter pints per hour.



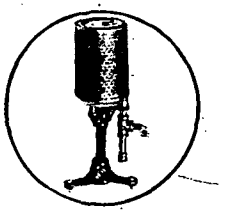
ABC 6½ in. Stove Burner Unit—This unit can be installed in water heaters, small parlor stoves, Quebec heaters, hot blast stoves, base burners, garage heaters, etc. Shells are made of high quality chromium steel. Heats quickly as there are no heavy castings to heat. Capacity approximately 1⅛ pint per hour.



ABC Double 6½ in. Stove Burner Unit—For use in cook stoves and parlor stoves with oval fire boxes, laundry stoves and similar types of installation. The same construction is used in all stove burner units. All parts are interchangeable, simplifying service problems. Capacity approximately 2¼ pints per hour.



ABC 9 in. Stove Burner Unit—This unit may be used as shown (standard) or with a 4 in. shell in the center. Can be used for circulating heaters with round fire boxes, salamanders, large water heaters, base burners, Quebec heaters, hot blast stoves, etc. Capacity of 9 in. standard, approximately 2¼ pints per hour. Capacity of 9 in. with 4 in. approximately 2¾ pints per hour.



ABC 4 in. Stove Burner Unit—For use in brooders, small water heaters, glue pots and similar installations. Like all ABC units it is easy to install, easy to clean, economical and sturdy. Heats quickly, full capacity fire in five minutes. Fuel capacity approximately ½ pint per hour.