

Spencer Heater Division

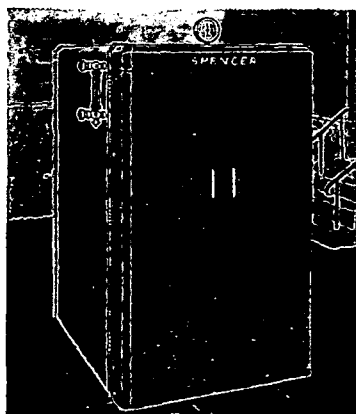
Aviation Manufacturing Corporation

Williamsport, Pa.

Sales Representatives in Principal Cities

Spencer Automatic Magazine Feed Heaters are furnished in cast iron sectional types—and steel tubular types for larger buildings—for steam, vapor and hot water heating. There is a size and capacity for every type of building, to provide economical and convenient heat—safe, dependable, sure.

COMFORTABLE HEAT AT LOW COST



Spencer Jacketed Heater L-1 Series

Why Spencer Heaters perform so satisfactorily can best be explained by an inspection of their design and construction. The Spencer principle, illustrated in the cross-sectional view, is simple:

Once a day fuel (No. 1 Buckwheat Anthracite or small size by-product coke) is put into the magazine. It fills the sloping grate to the level of the magazine mouth. The fire bed always stays at the proper level, for as fast as fuel burns to ash, it shrinks and settles on the sloping grate; and more fuel rolls down automatically over the top of the fire bed. Fuel feed is by gravity alone, in just the right amount to keep the fire always burning at its most efficient combustion point.

This explains why a Spencer Automatic Magazine Feed Heater always gives the same uniform, satisfying heat, and burns less fuel. These exclusive Spencer advantages are available in all types of the magazine feed heaters and boilers.

Coal — Coke — Gas — Oil — Spencer J and L series heaters and M series boilers are primarily designed to burn low cost No. 1 Buckwheat Anthracite or small size coke; the CN series Nut or Pea Anthracite, or Nut size coke.

If at any time a property owner desires to burn more expensive fuels—oil or gas—his Spencer Heater can be readily converted and will show a high efficiency.

Thermostats—Thermostats and electric damper motors are furnished as optional equipment.

Jacketed Covering—Attractive metallic jackets of the deluxe enclosing type, as illustrated, are available for Spencer Cast Iron Heaters, either with or without the enclosing jacket doors.

Spencer Heavy Duty Tank Heaters—With the automatic magazine feed construction, they provide ample domestic hot water at lowest cost, and with a minimum of tank heater attention.



Cutaway sectional view Spencer Cast Iron Heater

SPENCER ALL YEAR SYSTEM

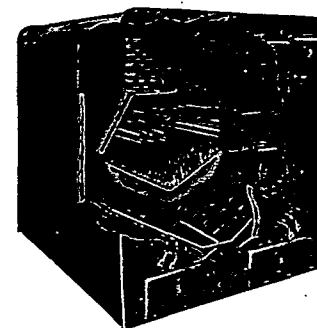
In addition to the excellent heating facilities afforded by Spencer Magazine Feed Heaters, Year Round Domestic Hot Water Service can also be provided and

assures at all times an ample supply of domestic hot water at lowest cost. Complete data for installation and operation upon request.

SPENCER STEEL TUBULAR MAGAZINE FEED BOILERS

For large buildings we recommend Spencer Steel Tubular Magazine Feed Boilers, burning low cost No. 1 Buckwheat Anthracite or coke.

In the cross-section diagram, part of the fire bed is cut away to show the sloping grates and the two magazines filled with fresh coal, ready to feed down automatically by gravity to the fire. These boilers are built in two vertical sections for ease in handling and installation—a great advantage on replacement jobs, eliminating the necessity of costly tearing out of walls or partitions. Combination water and fire tube construction; built to A.S.M.E. standards.



Steel Tubular Magazine Feed Boiler

SPENCER STEEL TUBULAR BOILERS

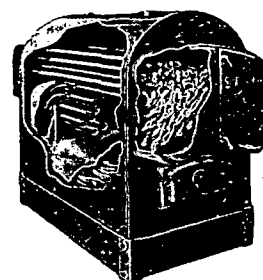
For Oil, Stoker, Gas or Hand-Firing

For more than 40 years, Spencer has been building, in the opinion of experts, one of the most efficient, economical and dependable automatic coal burning boilers on the market. With this background of experience, Spencer Engineers developed the Spencer Steel Tubular Boiler for oil, gas, stoker and hand-firing—the "K" and "C" series for residential use, and the Type "A" for larger buildings. It is a better boiler both for the property owner and for the architect or engineer who specifies it.

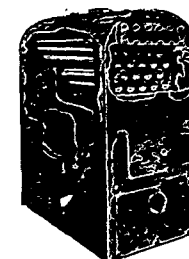
The high sustained efficiency of these

boilers means adequate heat for a lower fuel cost. Design is of the three pass type. Combustion chamber is amply large. Built of best quality open hearth steel boiler plate, and Electrune tubes. Can be furnished with domestic hot water heating coils, storage tank or instantaneous type.

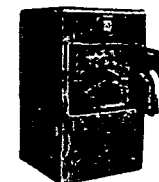
They are better boilers both for the property owners and for the architects or engineers who specify them, and provide a complete range of sizes from 400 sq ft SHBI net steam rating up. They meet or exceed in every particular the requirements of the A.S.M.E. and S.H.B.I. Codes.



Type "A" Steel Boiler



"C" Series Steel Boiler



"K" Series

Every Spencer Boiler is guaranteed to carry more than its full rated load, giving the installer a definite factor of safety.

These boilers have all the advantages of the Spencer exclusive design. High sustained efficiency—low fuel cost.