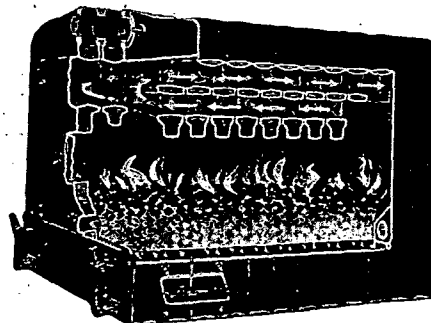


IDEAL WATER TUBE BOILER



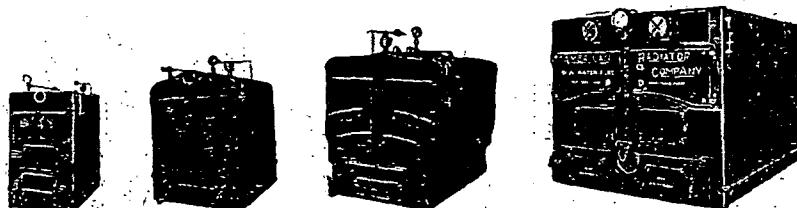
Sectional View of 36-Inch Boiler

An extensive series of water-backed, vertical tubes divide the body of water in the **Ideal Water Tube Boiler** into many thin streams, and expose an unusually large amount of heat-absorbing surface. This design, united with the other features of the boiler—the balanced proportions of grate area, direct heating surface, flue area, and gas travel unite in accomplishing quick, economical and durable heating service with the minimum amount of attention.

The sectional construction of **Ideal Water Tube Boilers** allow them to be placed conveniently in new or old buildings without tearing down walls or ripping up floors.

Installed in battery, these boilers are admirably adapted to serve the needs of large buildings.

Tapped for Excelso Water Heater



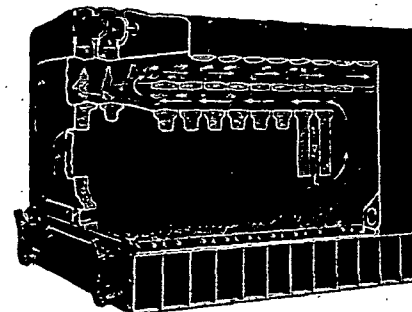
23-29-Inch

36-Inch

48-Inch

79-Inch

IDEAL SMOKELESS BOILER



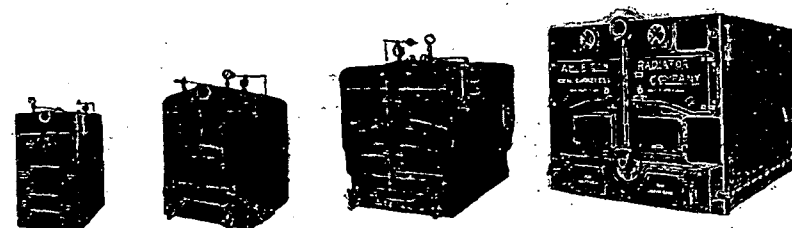
Sectional View of 36-Inch Boiler

Simple in its operation, requiring no special degree of skilled attention, the **Ideal Smokeless Boiler** burns all grades of soft coal smokelessly and economically. It complies with the most rigid city smoke ordinances.

This boiler accomplishes its high record of smokeless performance through its special, patented device, the **Ideal Smoke Oxidizer**. It inducts and distributes fresh air in fine uniform streams over a bed of glowing coal, where it mixes with the volatile matter. This mixture ignites and burns at an exceedingly high temperature, consuming, within the boiler, the smoke-producing particles of carbon. In this way the smoke nuisance is eliminated and a larger amount of the heat value of the smoke is utilized.

The Ideal Smoke Oxidizer is an integral part of the boiler. It eliminates the need of brick linings and other accessories. Being water-backed throughout, it cannot burn out.

Tapped for Excelso Water Heater on Order



29-inch

36-Inch

48-Inch

79-Inch