

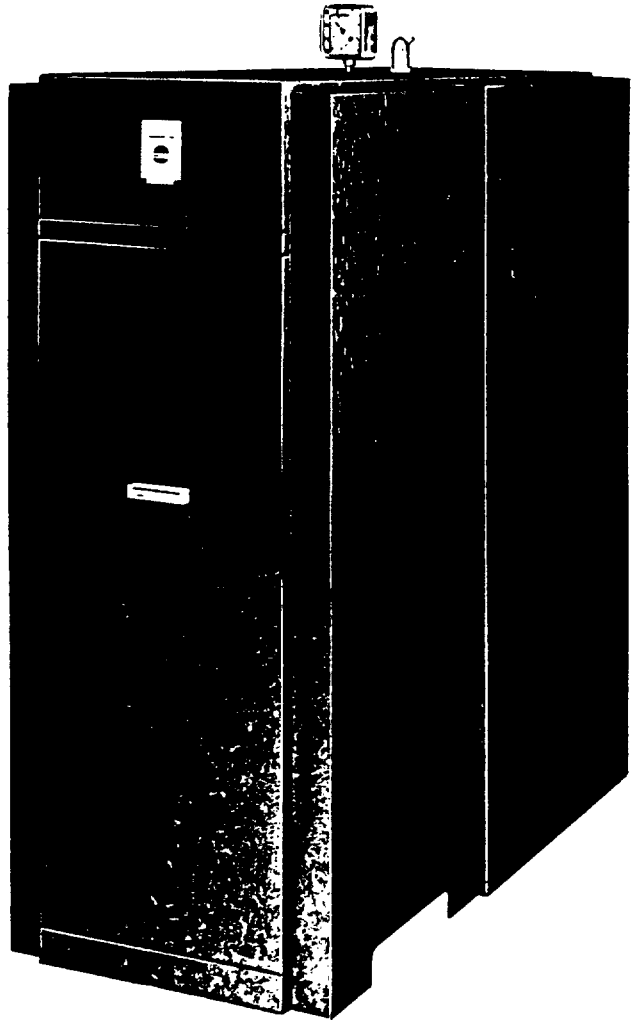
ARCOLNER

WET BASE BOILER

by

AMERICAN-Standard

- ▶ oil fired
- ▶ durable cast iron construction



AMERICAN-Standard

First in heating ... first in plumbing

15474

EXPERTLY ENGINEERED FOR OUTSTANDING PERFORMANCE

CONSTRUCTION FEATURES

JACKET EXTENSION—finished in Forge Red, modern and distinctive; matches jacket, conceals and protects burner. Optional equipment at moderate additional cost; made to fit all Arcoliner Wet Base boilers.

BOILER SECTIONS—made of durable cast iron, the one metal that has proven best over the years for use in heating equipment. Sections are factory assembled and shipped ready to install. Joints between sections are machine ground to assure a tight, close fit.

TWO-PASS FLUES—offer maximum heat absorbing surface. Multi-finned water tube surfaces extract extra heat units from hot gases.

DOORS—constructed of heavy cast iron, with cast iron heat protecting baffle linings to prevent warping and heat loss. Precision fitted to eliminate infiltration of air.

OBSERVATION PORT—permits observing oil flame when desired without disturbing combustion or flame characteristics. Convenient cover is designed to remain over port when not in use.

BURNER PLATE—provides rigid support for mounting of applicable burner. Effective seal assures gas and air tight construction.

ARCOFLAME OIL BURNER—assures peak performance. Also manufactured by American-Standard, the Arcoflame is a quality burner that provides the best in oil heating, permits maximum boiler output. Complies with Commercial Standard CS-75.

INSULATION—a layer of heavy insulation beneath the flush metal jacket effectively prevents excess heat loss, saves fuel and helps keep jacket cool.

CONTROLS—provide safe, positive operation. The controls furnished are the finest available; combine to maintain the desired room temperature uniformly and dependably throughout the heating season.

WATER HEATER—provides year 'round domestic hot water automatically. Built in tank or tankless type, depending on model or size of boiler selected. Special tankless type, illustrated, makes use of new extruded integral finned tube surfaces to gain maximum heat transfer in coil.

JACKET—harmonizes with surroundings in virtually any location. Smartly styled, in attractive Forge Red finish. Smooth, easy to keep clean surface. All parts are die cut and formed, easily assembled. Interior surfaces are finished with corrosion-resistant high temperature aluminum paint.

WATER CONTENT—relatively small amount of water to heat in waterways permits more rapid heat transfer and quicker pick-up.

COMBUSTION SPACE—designed to burn oil efficiently and without waste; scientifically proportioned with correct area of effective heating surface to assure maximum heat from fuel burned. Crown sheet baffle is furnished on three smaller sizes.

COMBUSTION CHAMBER—the famous Heat Lib-O-Rator combustion chamber, made of high temperature steel or refractory brick, is especially adapted to model or size of boiler selected, permits using heating surface of boiler to best advantage.

WET BASE CONSTRUCTION—provides extra heating surface and increased efficiency. Waterways extending underneath combustion chamber keep floor cooler; safer for first floor or basementless house installations.

MODELS FOR HOT WATER ONLY—AND FOR WATER OR STEAM

The Arcoliner Wet Base Boiler is made in two different models to meet the demands of modern small and medium home structural requirements. One model of the Arcoliner Wet Base, for hot water systems only, is especially suited for economy homes. Designated by model numbers from 351 to 651, it is a lower cost boiler that permits maximum economies from hot water heating, with the boiler in alcove or hallway, on combustible or slab flooring, in all types of utility installations. The other model, beginning with the number 155, is for hot

water or steam systems. It is a rugged general duty boiler for a wider range of installations. The famous Arcoflame Oil Burner is especially coordinated with the Arcoliner Wet Base in both models and all sizes. A pedestal type burner is used with boiler models for hot water only, while those for water or steam have a flange mounted burner. The smart jacket extension fits both models of the Arcoliner Wet Base. Both models are similarly good looking and compact. And both possess the quality features for which American-Standard Heating Equipment has long been famous.

