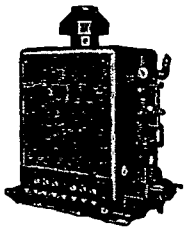
Pennsylvania Furnace & Iron Company

316 North Pine Street

Warren, Pennsylvania

Pennco Cast Iron Gas Fired Boilers, Pennsylvania Forced Air and Gravity Furnaces, Floor Furnaces, Conversion Burners, Multitube Burners, and Cooling Equipment

SERIES 6 PENNCO GAS FIRED BOILERS



Designed for large heating installations. The NEW Series 6 has many improvements including an all steel base which saves transportation cost and reduces cost of assembly. In addition to vertical draft diverters new horizontal types are available. These reduce the head room required and clear the top of the boiler for the header pipes.

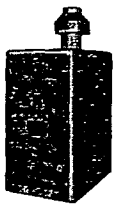
The entire front casing panel is now removable for convenience in cleaning between sections. Another feature is holding bolts for each section; these save labor in erection and guard against leakage around nipples in erection and operation.

In this improved model the individual gas cocks for each burner have been retained. This is a special feature of the Pennco, making it possible to shut off any number of burners and still operate the boiler. In addition to regular gas actuated controls the Series 6 is now available with electric controls.

The Series 6 is precision built. All sections are twice tested to 200 psi. They bear the *ASME* Code Stamp and the approval label of the *A.G.A.* They are suitable for operation on 15 lb of steam or 80 lb water. The area of heating surface is greatly increased by means of staggered hollow projections cast into the sections. Burners are cast iron with raised ports individually drilled.

Thirty sizes are available from 400,000 to 4,400,000 Btu, suitable for all gases, and for water, vapor, or steam.

SERIES 3 PENNCO GAS FIRED BOILERS



Cast iron sectional type with water leg for increased efficiency. Sections are cast with numerous hollow projections greatly increasing the area of heating surface and creating fast steaming. Blocks of sections are shipped fully assembled and tested to 200 lb hydrostatic pressure twice for a working pressure of 15 lb of steam and 80 lb of water. Approved and stamped with *ASME* Code Stamp. They also bear the label of the *A.G.A. Testing Laboratory*. This series is made in eight sizes with from 96,000 to 432,000 Btu input. Three types of controls are available (gas actuated and electrical). Boiler casings are furnished in steel blue baked enamel in the standard type with controls exposed or the deluxe type, enclosed controls.

Available for steam, water, or vapor heat and for all gases.

SERIES 2 PENNCO GAS FIRED WATER BOILERS

This boiler is for water operation only. It is made in four sizes with input from 44,000 to 87,625 Btu per hour. Available with standard or deluxe casing. It is a sectional cast iron boiler particularly for heating apartments, small homes, stores, and offices.



Like the Series 3 the efficiency is obtained by wet base construction diamond shaped hollow projections on sides of sections, and cast iron raised port drilled burners. Available for natural, manufactured, mixed, and LP gases. The casing is finished in steel blue baked enamel.

SPECIAL

For Series 6 Boilers we can provide standby controls where it is necessary to supplement the supply of natural or artificial gas with LP Gas.

Series 3 Boilers can be equipped with automatic dual gas controls; by predetermined setting they will switch from the regular gas supply to LP gas and automatically return, depending on weather conditions.

National-U.S. Radiator

CORPORATION

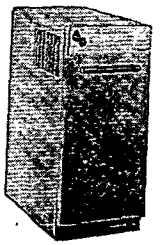
HEATING AND AIR CONDITIONING DIVISION

Johnstown, Pennsylvania

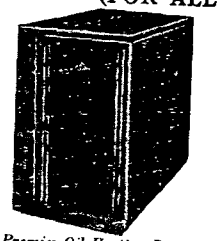
Cast Iron and Steel Boilers • Baseboard • Convectors • Radiators
Fintube Unit Heaters • Furnaces • Oil and Gas Burners
Air Conditioning • Accessories

Nationwide distribution through Branches, Wholesalers, Plumbing and Heating Contractors

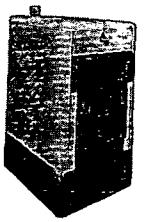
NATIONAL-U.S. CAST IRON BOILERS AND UNITS (FOR ALL FIELDS)



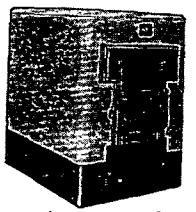
Sunray IV



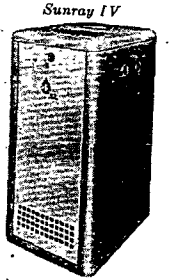
Premier Oil Heating Boiler



"27" Series



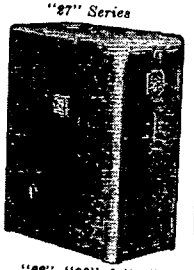
"37" Series



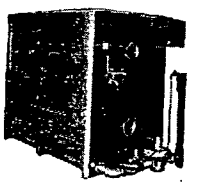
"11B" Series Gas Boiler



"16C" Series Gas Boiler



"22", "33" & "44" Series Gas Boiler



"66" Series Gas Boiler

CAST IRON BOILERS AND UNITS—RATINGS, APPLICATIONS, FUELS

BOILER OR UNIT	NET *I=B=R* RATING-SQ FT		NO. OF SIZES	APPLICATION	FUEL
	STEAM	WATER			
Sunray IV Packet	—	445 to 1055	4	Small to medium homes	Oil
Sunray IV Oil Heating Boiler & Unit	240 to 820	445 to 1460	6	Small to large size residential installations	Oil
Premier Oil Heating Boiler ("25B" Series)	760 to 2260	1355 to 3775	6	Large residential to small Commercial Installations	Oil
"27" Series All-Fuels Boiler	350 to 880	560 to 1560	6	Medium to Large size Installations	All Fuels
"27" Series Oil Heating Boiler and Unit	400 to 880	730 to 1560	6	Medium to Large size Residences	Oil
"37" Series All-Fuels Boiler	700 to 2300	1120 to 3835	9	Large residential and small commercial installations	All Fuels
"37" Series Oil Heating Unit	700 to 2300	1255 to 3835	9	Large residential and small commercial installations	Oil
"47" Series All Fuels Boiler	2500 to 7600	4000 to 12160	10	Institutional, commercial and industrial	All Fuels
"47" Series Oil Heating Unit	2500 to 6400	4145 to 10240	8	Institutional, commercial and industrial	Oil
"11B" Series Gas Boiler*	—	185 to 725	7	Small to medium homes	All Gases
"16C" Series Gas Boiler*	480 to 2260	875 to 3770	11	Residential to commercial	All Gases
"22" Series Gas Boiler*	110 to 390	205 to 715	6	Small to medium homes	All Gases
"33" Series Gas Boiler*	355 to 980	650 to 1725	6	Medium to large size homes	All Gases
"44" Series Gas Boiler*	445 to 1920	810 to 3245	9	Large size installations	All Gases
"66" Series Gas Boiler*	1770 to 14250	3005 to 27775	20	Institutional, commercial and industrial installations	All Gases

* *A.G.A.* Approved.