

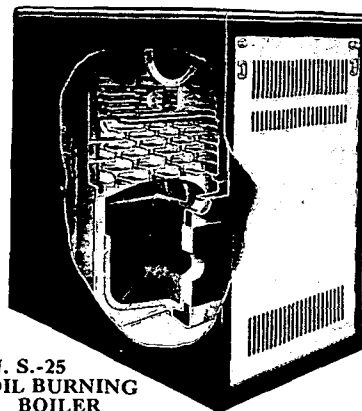
Boilers, Cast-Iron

UNITED STATES RADIATOR CORPORATION

General Offices: Detroit, Michigan

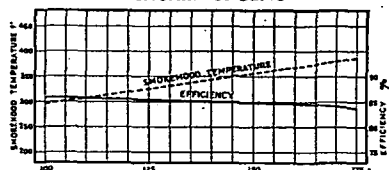
Branches and Sales Offices in Principal Cities

Detroit, Michigan



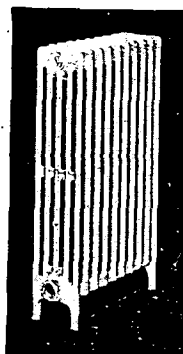
U. S.-25
OIL BURNING
BOILER

Front Extended Jacket
Performance Curve



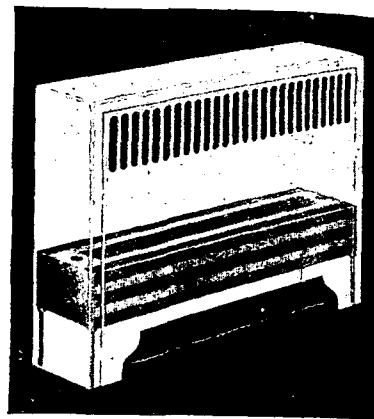
Output—% of Direct Standing Radiator Load Flue
Gas Analysis CO₂—12.5%; O₂—4.1%; CO—0.0%.

CAPITOL THINTUBE RADIATORS



3-Tube	
Heights	Per Section Heating Surface
19"	1.1 Sq Ft
22"	1.3 Sq Ft
25"	1.5 Sq Ft
4-Tube	
19"	1.4 Sq Ft
22"	1.6 Sq Ft
25"	1.8 Sq Ft
5-Tube	
20"	1.8 Sq Ft
23"	2.1 Sq Ft
26"	2.4 Sq Ft
6-Tube	
19"	2.2 Sq Ft
32"	3.85 Sq Ft

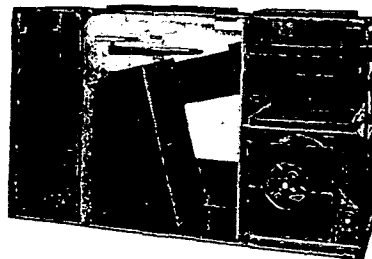
40 per cent less space needed for these graceful, efficient Capitol ThinTube Radiators.



CAPITOL FINCAST ENCLOSURES AND CONVECTORS

Made entirely of cast iron.
Without joints—Cast in one piece.
Many lengths and widths.
Tappings, top, bottom and ends.
Complete choice of enclosures.
Finished to harmonize with modern interiors.

CAPITOLAIRE DIRECT FIRED



CONDITIONING UNIT

An air conditioning unit especially designed for oil firing. Streamline flue construction in preheating and prime-heating sections insures high efficiencies. Deluxe jacket completely encloses all controls, heating unit, automatic humidifier, filter and fan.

Other gravity and forced air furnaces available for gas, stoker or hand coal firing.

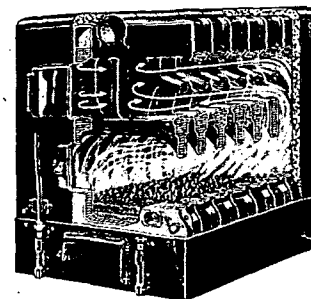
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CAPITOL SQUARE BOILERS FOR ALL FUELS

"A" Series

Ratings in Sq Ft	Direct Cast Iron Radiator Loads—Sq Ft
Steam—575-1450	280-655
Water—975-2475	460-1085

"B" Series

Steam—1200-3600	550-2030
Water—1980-5940	910-3350

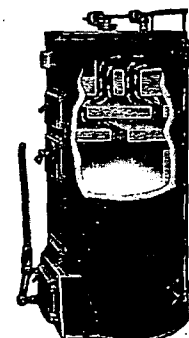
"C" Series

Steam—4700-10,500	1865-5805
Water—7760-17,325	3080-9580

Illustrated above is a Capitol Red Top Series "C" Boiler. These sectional, cast iron, all fuel boilers can be furnished either jacketed or unjacketed. Sections are connected with precision-made slip nipples in accurately machined ports and the individual sections are ground to permit an iron-to-iron gas-tight assembly. The large, smooth flueways are designed without sharp turns reducing friction, permitting unrestricted gas travel. For easy cleaning, all flueways are fully accessible through the large front clean-out doors. Controlled internal water circulation and large nipple ports insure complete separation of water and steam. Capitol Red Top Boilers are heavily insulated against heat loss by a thick blanket of rock wool, reinforced with wire mesh to prevent slipping or sagging. Capitol Red Top Boilers can be furnished with extra high steel bases to provide extra setting height or desired additional furnace volume for stoker firing. These bases eliminate the necessity for pitting or building a brick or concrete base.

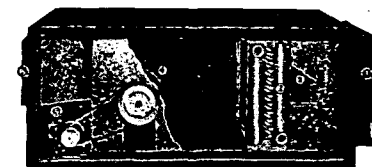
CAPITOL RED CAP BOILERS For All Fuels

Boiler No.	Direct Cast Iron Radiator Loads Sq Ft	
	Steam	Water
19-4	300	495
19-5	350	580
20-4	400	660
20-5	450	745
22-4	500	825
22-5	550	910
25-4	625	1030
25-5	675	1115



Capitol Red Cap Boiler design brings the advantages of (1) long fire travel, (2) flue passages that force the hot gases to circulate through every section, extracting the maximum heat from the fuel consumed. (3) Deep firepot that provides the extra space needed for better combustion, and smooth, tapered firepot walls to assure a clean surface for better heat absorption.

CAPITOLAIRE CONDITIONING UNIT FOR SPLIT SYSTEMS



A suspended unit, quiet in operation, using ducts to convey heated, humidified and filtered air to various rooms of the home. Heating supplied to the Unit heat exchange coil by a steam or hot water boiler. Floor model conditioning units with a wide range of heating capacities also available.

SPECIFICATIONS

Unit No.	Capacity—BTU/HR				Air Capacity cfm
	Heating*		Cooling**		
	200° H. W.	2½ Steam	50° Water	40° Refrig.	
S-1	34,000	28,000	14,000	15,000	500
S-2	48,000	39,000	19,000	21,000	750
S-3	65,000	54,000	26,000	28,000	1000
S-4	99,000	128,000	37,000	39,000	1500