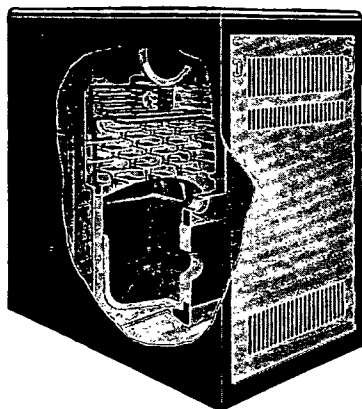


Boilers, Cast-Iron

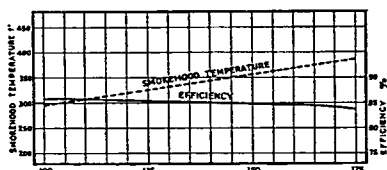
# UNITED STATES RADIATOR CORPORATION

General Offices: Detroit, Michigan • Branches and Sales Offices in Principal Cities

Detroit, Michigan

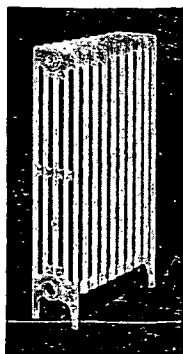


**U. S.-25 OIL BURNING BOILER**  
Front Extended Jacket  
Performance Curve



Output—% of Direct Standing Radiator Load Flue Gas Analysis CO<sub>2</sub>—12.5%; O<sub>2</sub>—4.1%; CO—0.0%.

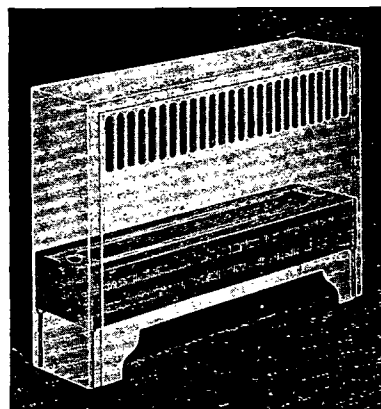
## CAPITOL THINTUBE RADIATORS



these graceful, efficient 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                   |

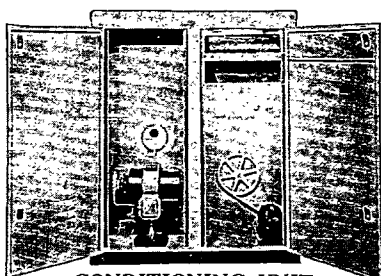
40 per cent less space needed for



## 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

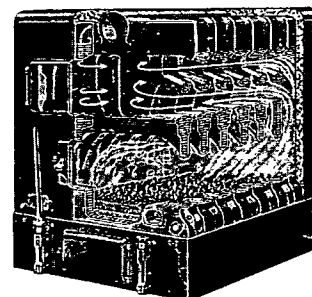
Built to meet a new demand in air conditioning which calls for compactness in floor space. All DeLux air conditioning units have the blower built into the furnace cabinet. Automatic humidifier of our own design, with all adjustments outside the cabinet, furnished with each unit. Steel wool washable filters supplied with DeLux units.

Boilers, Cast-Iron

# UNITED STATES RADIATOR CORPORATION

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Detroit, Michigan



## 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 |

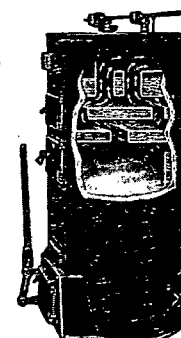
### "C" Series

|                   |           |
|-------------------|-----------|
| 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.

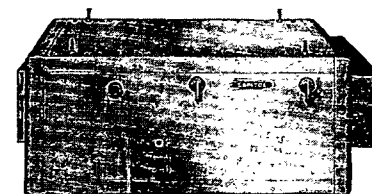
## CAPITOL RED CAP BOILERS For All Fuels

| 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



This compact suspended basement type humidifier unit can be installed in new homes, or added to homes which have a hot water or steam radiator system of heating. It is hung from the basement ceiling by means of rubber cushioned hangers. Heating connections are made to the house heating boiler which provides necessary amount of heat for tempering air and evaporation of water. A return air duct carries the air from the living rooms to the humidifier. After this air is cleaned and humidified, it then passes through supply ducts back to the living rooms of the house. Completely automatic—by means of a humidity control placed in the living rooms or in the return air duct.