

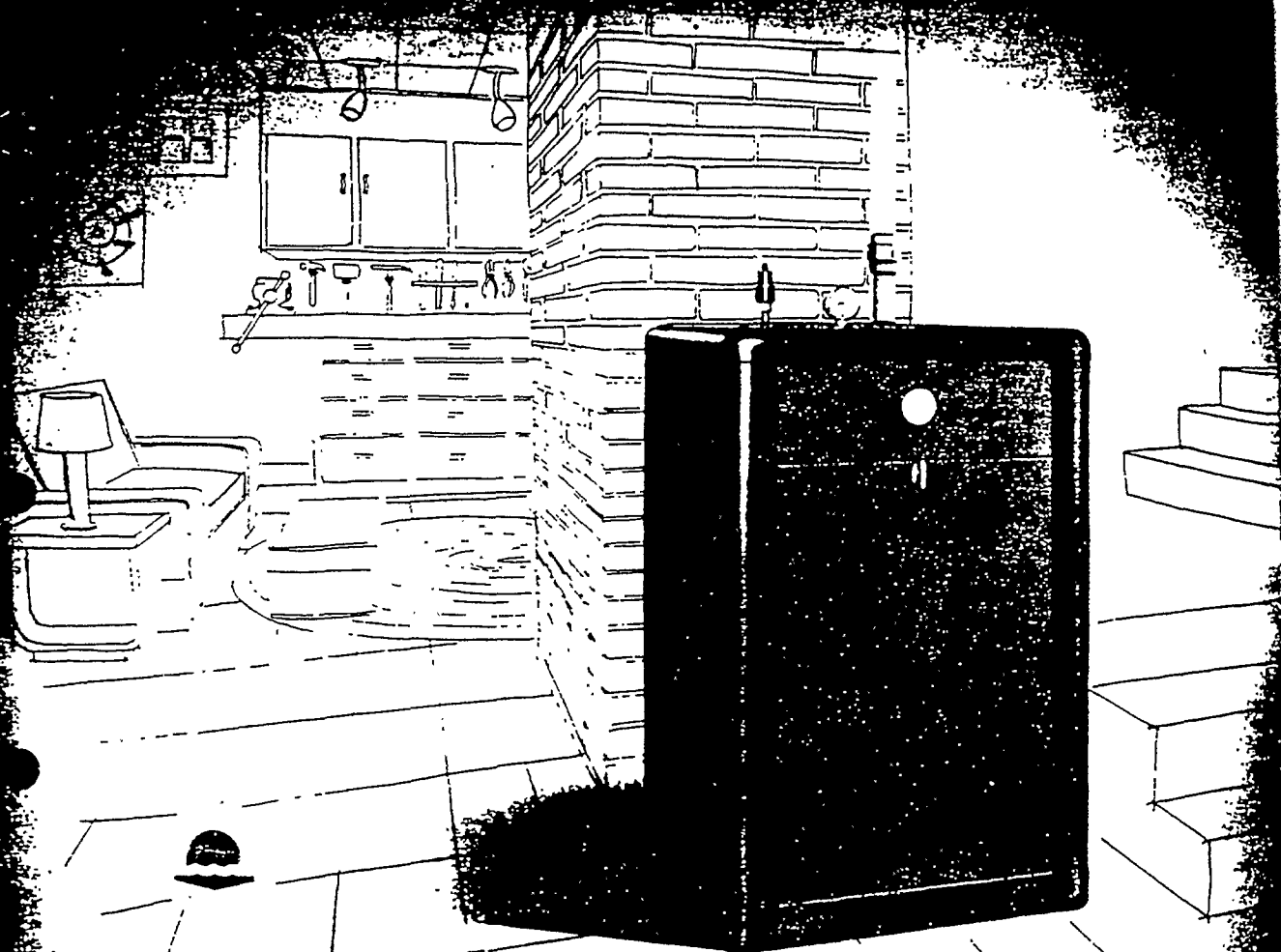
A.I.A. FILE NO. 30-C-1  
(June 1952)

PLAINTIFF'S EXHIBIT

ASI-763

# KEWANEE

## ROUND "R" STEEL BOILER



FOR COMFORT AND ECONOMY  
IN HOME HEATING

KEWANEE-ROSS CORPORATION

KEWANEE-ROSS CORPORATION, A Division of Kewanee Corporation

KEWANEE, ILLINOIS

A.I.A. FILE NO. 30-C-1  
(June 1952)

# Kewanee

## ROUND "R" BOILER

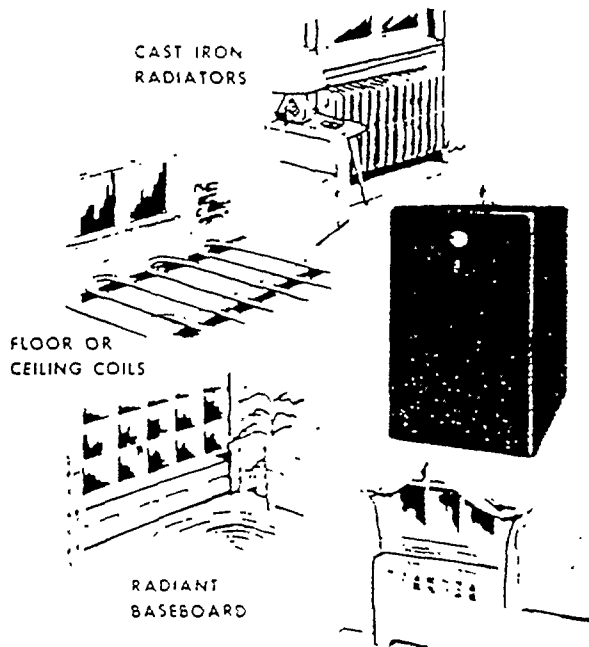
for Oil, Gas and Stoker Firing

400 to 900 sq ft Steam Radiation

640 to 1440 sq ft Water Radiation

Over three quarters of a century ago Kewanee started to manufacture steel heating boilers. Today Type "R" for homes and small buildings is the result of the accumulated knowledge and experience gained in 85 years as boiler makers.

No matter what fuel is used and regardless of the method employed to distribute heat it is in the boiler that heat is generated. So a good heating system must start with a good boiler.



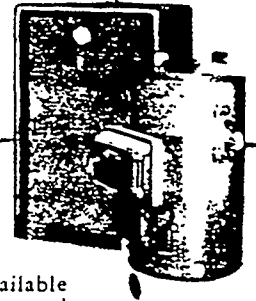
### ECONOMICAL TO BUY ECONOMICAL TO OWN

The Kewanee Round "R" is compact and sturdy, yet contains all the features of a large boiler. It spreads its water-carrying surface over a large area so that in the end it is most economical to buy. Many fuel-saving features insure smaller fuel bills during the boiler's entire life so it is most economical to own.

Kewanee Round "R" is fashioned of the same stretch steel plate as used in the larger Kewanees. Before leaving the factory extensive tests are made under pressures far above those in the steam and hot water working pressures at which the boiler will operate. And like all Kewanee boilers it meets or exceeds the strictest requirements of the American Society of Mechanical Engineers and Steel Boiler Institute Codes for heating boilers.

### PROVISION FOR AUTOMATIC CONTROLS

All tappings in the boiler shell which are essential for safety devices and automatic firing controls, are made at the factory to exact dimensions so an accurate fit is certain. This simplifies and cuts down installation time. Corresponding knock-out discs are made in the jackets.

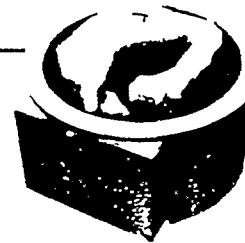


### ATTRACTIVE INSULATING JACKETS

The Kewanee Round "R" is available unjacketed, or in a snug fitting round insulating jacket . . . also in a new improved style jacket with rounded corners which completely encloses the boiler and oil or gas burner.

A one-inch insulating blanket of Fiberglas lining the round jacket, or the insulating blanket on the boiler with the Enclosing Jacket, keeps heat inside the boiler and saves fuel.

The jacket exteriors in a rich two-tone green give the entire installation plenty of "eye appeal" that harmonizes with the appearance of the modern utility rooms.



### SPECIAL COMBUSTION CHAMBER FOR OIL FIRING

Because of the extremely high temperatures generated with oil, the special combustion chamber,

shown above, is furnished at additional cost with Round "R" Boilers for oil.

Consisting of a special refractory firebrick tile, bonded with high temperature cement and surrounded with loose rock wool insulation, this special combustion chamber helps rapid and complete combustion and eliminates the expense of building a hand-made brick chamber.

If the boiler's foundation is NOT insulated, a layer of pressed asbestos board, block or similar insulation is recommended under the combustion chamber, its thickness depending on the diameter and setting height of the burner tube.



### EASILY CONVERTED FROM ONE FUEL TO ANOTHER

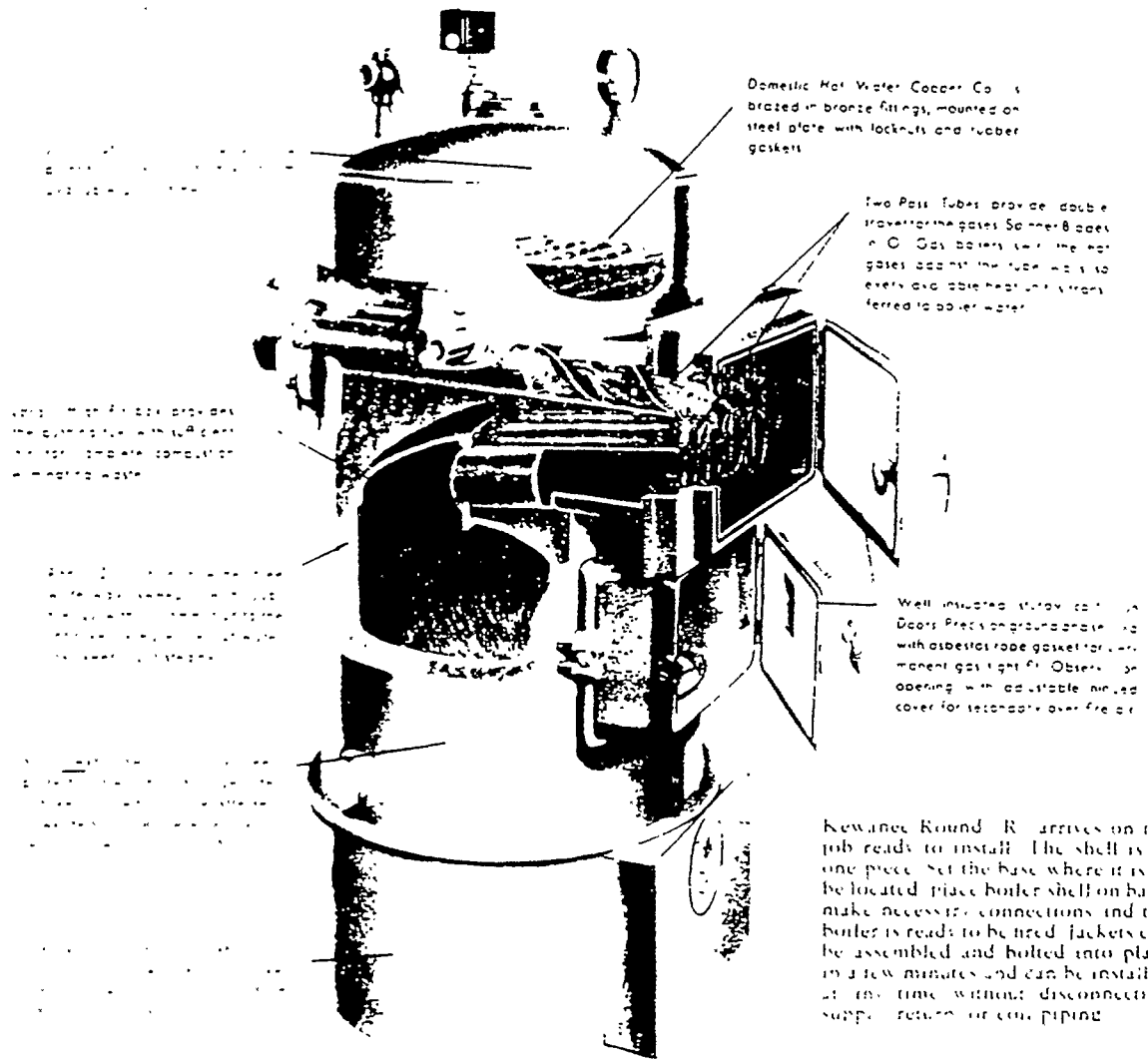
With a Round "R" Boiler the owner is not confined to any one fuel as a switch from one to another is made quickly and inexpensively.

In switching from mechanical to hand firing, or vice versa, no change in the boiler itself is needed. The bases for both types of firing are the same dimensions so the boiler can

be jacked up and the proper base substituted. For further information on Kewanee Round "R" for Hand fired Units, contact your local Kewanee Sales Office.



# IT'S WHAT'S UNDER THE JACKET THAT COUNTS



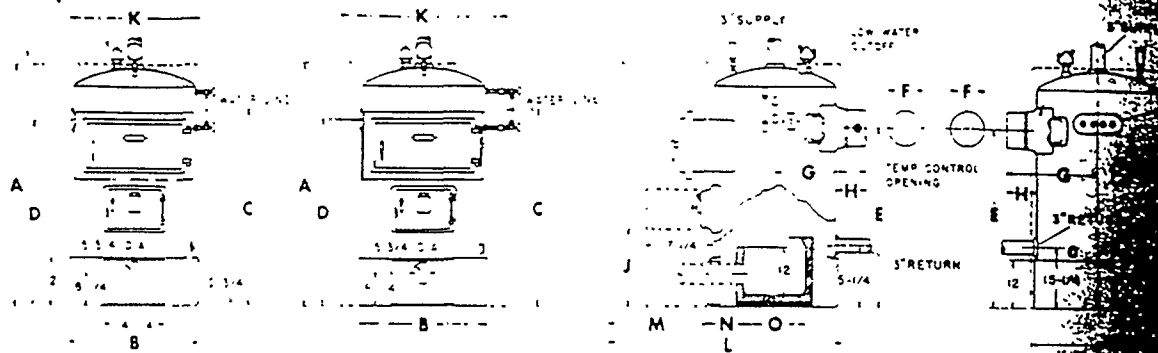
## PLENTY OF HOT WATER FOR KITCHEN, LAUNDRY AND BATH

Hot water is essential to comfort and health. With Round 'R' you can have hot water plenty without the care and expense of a separate water heater. For example, hot domestic hot water can be fitted into Kewanee Round 'R' at the factory or anytime after the boiler is installed. Coils for either instantaneous or storage tank operation available. See tables below.

| For Storage Tank Operation |                                                                    |                    |                             |                                                                    | For Instantaneous Flow |                             |                                                                    |                    |                             |
|----------------------------|--------------------------------------------------------------------|--------------------|-----------------------------|--------------------------------------------------------------------|------------------------|-----------------------------|--------------------------------------------------------------------|--------------------|-----------------------------|
| Model No.                  | Rated Capacity<br>Gals. Heated<br>4" x 4" x 2" in.<br>Boiler Water | Surface<br>Sq. Ft. | Co. No.<br>and<br>W.C. Size | Rated Capacity<br>Gals. Heated<br>4" x 4" x 2" in.<br>Boiler Water | Surface<br>Sq. Ft.     | Co. No.<br>and<br>W.C. Size | Rated Capacity<br>Gals. Heated<br>4" x 4" x 2" in.<br>Boiler Water | Surface<br>Sq. Ft. | Co. No.<br>and<br>W.C. Size |
| 734 735 736 737            | A65                                                                | 65                 | 40                          | 20                                                                 | .....                  | .....                       | .....                                                              | .....              | .....                       |
| 734 735 736 737            | C150                                                               | 150                | 90                          | 50                                                                 | EN34                   | 170                         | 29                                                                 | 11.4               | EN34                        |
| 735 736 737                | .....                                                              | .....              | .....                       | .....                                                              | EN35                   | 210                         | 3.5                                                                | 14.0               | EN35                        |
| 736 737                    | D200                                                               | 200                | 120                         | 66                                                                 | EN36                   | 250                         | 4.2                                                                | 16.5               | EN36                        |



# KEWANEE ROUND "R" BOILER FOR OIL, GAS OR STOKER FIRING



## RATINGS AND DIMENSIONS

|                                  |  | GAS - GAS - STOKER |           |           |           |
|----------------------------------|--|--------------------|-----------|-----------|-----------|
|                                  |  | 10" & 12"          | 12" & 14" | 14" & 16" | 16" & 18" |
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| SB New Spring Connected Rods etc |  |                    |           |           |           |
| 10" & 12" Spring 1000            |  |                    |           |           |           |
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**KEWANEE-ROSS CORPORATION**  
Division of American Radiator & Standard Sanitary Corporation  
**KEWANEE, ILLINOIS**

Catalog 92-30M 6 52 5PC