HOME BUILDING & HEATING CO.
11 BEACON ST. CAP. 2660

EXTENDED HEATING SURFACE STRETCHES FUEL DOLLARS

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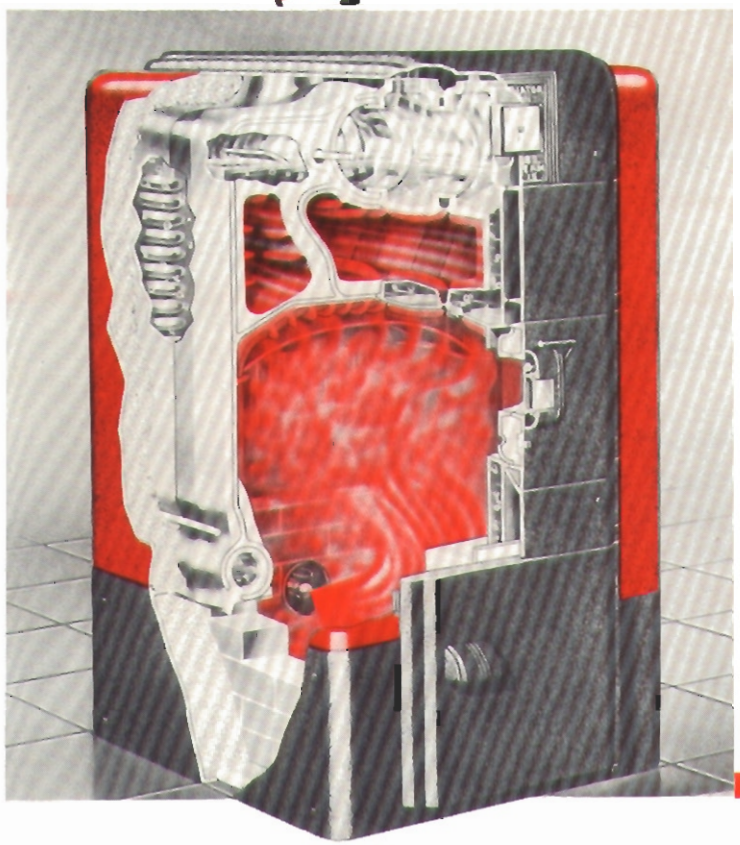
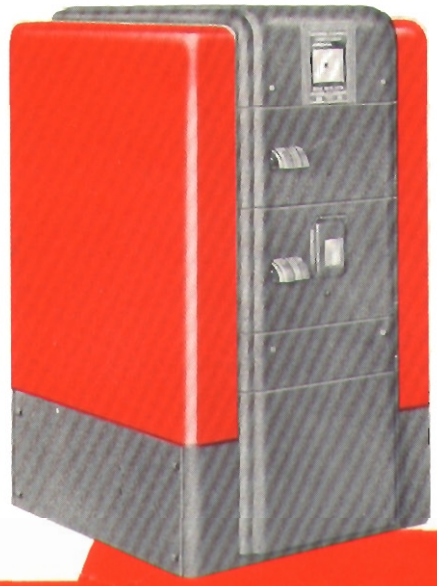




No. 2 Series OIL-FIRED

A "Heatmaker" for Any Oil Burner

LOOK AT THE "EXTRA VALUE" FEATURES
BUY MOST ADVANCED • PRACTICAL IMPROVEMENTS
ENJOY TRUE HEATING COMFORT — "Tested Warmth" with National Radiator Products

THE NATIONAL *Multi-finger* HEAT EXTRACTOR BOILER

Multi-Finger Surface
Finger-like projections in the path of the hot gases extract more heat. Heat Conserver Baffles force gases against fingers and stretch heat travel.

Front Flow Tapping
An outlet in the front boiler section is essential in a forced circulation system. All of the water is heated before it flows to the radiators.

Domestic Hot Water
A storage type water heater is installed in the back section. A tankless type can also be installed in the same opening. Year 'round supply is always available.

This modern boiler with multi-finger extended heating surface (instead of smooth surface still existing in many boilers) saves dollars every year. The hot gases flow in contact with more surface, consequently more heat is extracted and fewer fuel dollars are lost "up the chimney."

Boiler section joints are made "air-tight" by a ground iron-to-iron seal. This prevents air leakage and a change in combustion conditions. It assures more economical burning of the oil. A special observation port in the fire door permits inspection of combustion. The generous firebox is ideal for pressure or rotary type oil burners. A Heat Conserver Baffle forces the hot gases against the finger-studded crown sheet and prevents the gases from rushing into the flues. All of these refinements combine to Stretch Fuel Dollars!

The Triple Test Guarantee

THE NATIONAL RADIATOR COMPANY

MEMBER OF THE INSTITUTE OF BOILER AND RADIATOR MANUFACTURERS

JOHNSTOWN, PA.

Form No. 385A 25M 4-41 EP Litho in U.S.A.

TESTED WARMTH

TESTED

- Heat Extractor Boilers have been tested to check the practicalness of improved design features both in the Research Laboratory and in greatly diversified types of field installations.
- They are tested twelve different times during production to insure highest quality and dependable operation.
- These boilers have been tested for construction and performance ratings under the codes of the American Society of Mechanical Engineers and the Institute of Boiler and Radiator Manufacturers.
- National Boilers and Radiators have been tested by time. During the past 45 years National Comfort Heating Systems have given "Tested Warmth" in hundreds of thousands of homes.
- Radiator heating has proved over the years that this method of obtaining winter comfort is more dependable, more satisfactory, and requires less maintenance. Recent improvements and developments prove it is the MOST MODERN type of heating system to assure the enjoyment of "Tested Warmth"!

HEALTH-HEAT from National Radiator Products

SPECIFICATION DATA

Brief technical information is presented for making comparisons, or determining the minimum space required for the installation of a Heat Extractor Boiler.

THE VALUE OF AN I=B=R RATING

APPROVED BY THE HEATING, PIPING and AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION.

It assures the purchaser of "Guaranteed Performance" with National Radiator Boilers.

Heretofore many different methods of rating boilers caused confusion. However, National Boilers were always rated conservatively—and the ratings BONDED.

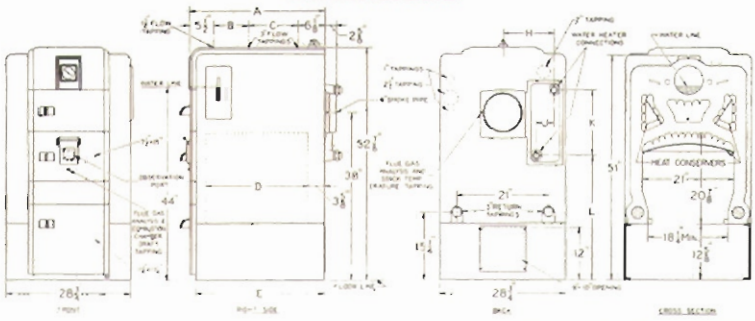
NOW—there is only ONE POSITIVE recognized method of rating boilers—the I=B=R method for the ratings given in this table.

I=B=R RATING

Boiler Number	NET I=B=R RATING			Gross I=B=R Output B.T.U.	I=B=R Firing Rate Gals. /Hr.	Combustion Space* Cu. Ft.	Chimney Size
	Steam Sq. Ft.	Water Sq. Ft.	B.T.U.				
O-216	360	580	86,000	130,000	1.35	8.0	8" x 8" x 25'
O-220	450	720	108,000	162,000	1.65	9.9	8" x 8" x 25'
O-224	530	850	128,000	190,000	1.90	11.7	8" x 8" x 30'
O-228	620	990	149,000	222,000	2.20	13.5	8" x 12" x 30'
O-232	700	1120	168,000	250,000	2.50	15.3	8" x 12" x 35'
O-236	780	1250	187,000	278,000	2.75	17.1	8" x 12" x 35'

*Includes space in firebox, and space enclosed by base of boiler.

DIMENSIONS



Number of Boiler		Dimensions in Inches					Outlets Number and Size	Inlets Number and Size
Steam	Water	A	B	C	D	E		
O-216-S	O-216-W	22 7/8	11 1/4	.....	15 1/2	21 1/4	1-1 1/2" 1-3"	2-3"
O-220-S	O-220-W	26 7/8	15 1/4	.....	19 1/2	25 1/4	1-1 1/2" 1-3"	2-3"
O-224-S	O-224-W	30 7/8	8	11 1/4	23 1/2	29 1/4	1-1 1/2" 2-3"	2-3"
O-228-S	O-228-W	34 7/8	8	15 1/4	27 1/2	33 1/4	1-1 1/2" 2-3"	2-3"
O-232-S	O-232-W	38 7/8	8	19 1/4	31 1/2	37 1/4	1-1 1/2" 2-3"	2-3"
O-236-S	O-236-W	42 7/8	8	23 1/4	35 1/2	41 1/4	1-1 1/2" 2-3"	2-3"