Weil-McLain

Radiant Comfort

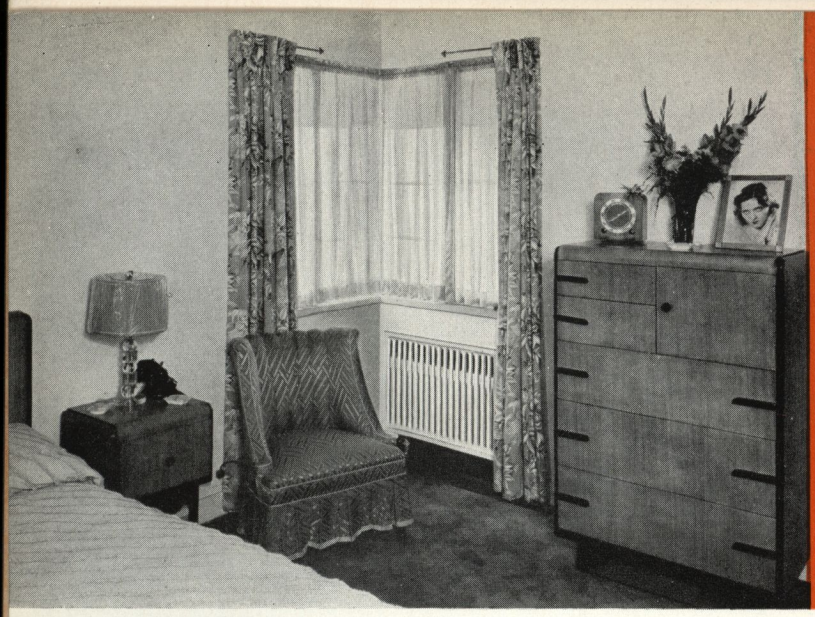
HEATING

WEIL-McLAIN COMPANY

641 W. Lake Street, Chicago

501 Fifth Ave., New York

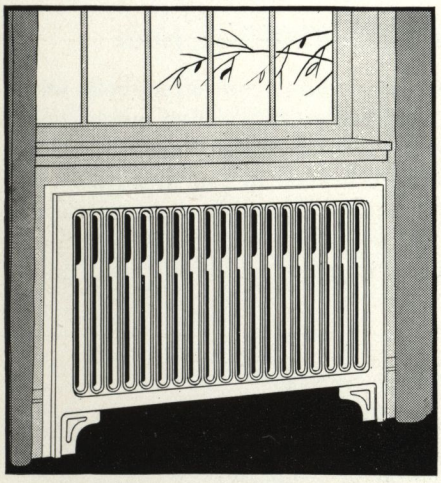
Factories at Erie, Pa. and Michigan City, Ind. • *Distributors in Over 75 Cities*



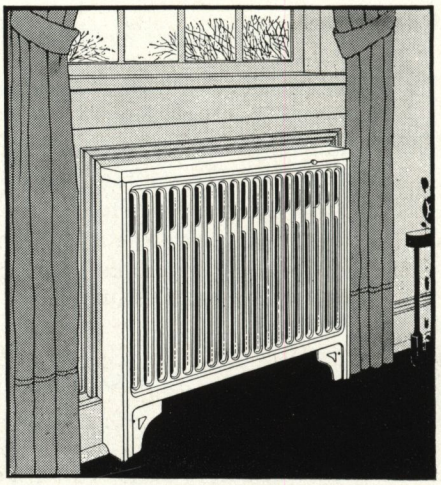
Weil-McLain RADIATORS

A Complete Line for Safe, Certain, Winter Comfort . . .

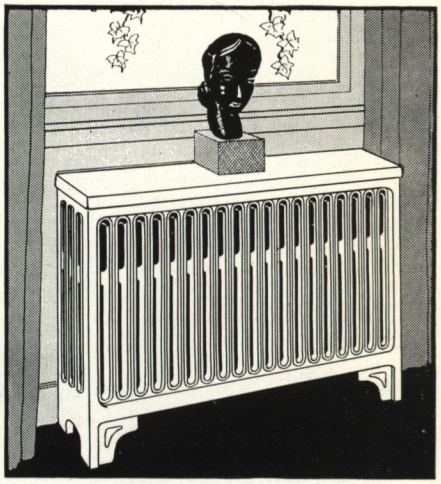
• Radiant Comfort Heating with Weil-McLain Radiators assures uniform warmth without chilly window zones or treacherous floor drafts. And because it keeps rooms always warm and comfortable by meeting cold where cold comes in, it guarantees highest efficiency and operating economy. When you select radiators for new home or replacement service, you will find a wide choice in the *complete* Weil-McLain line. No matter what types you specify, you will delight in the fact that their streamlined yet dignified beauty harmonizes splendidly with modern or conventional architecture and interior decorative treatments.



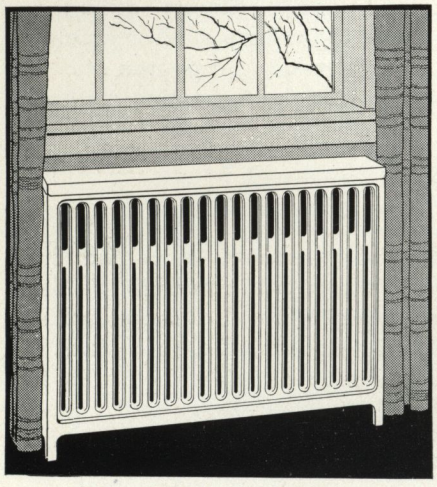
"Concealed" Raydiant



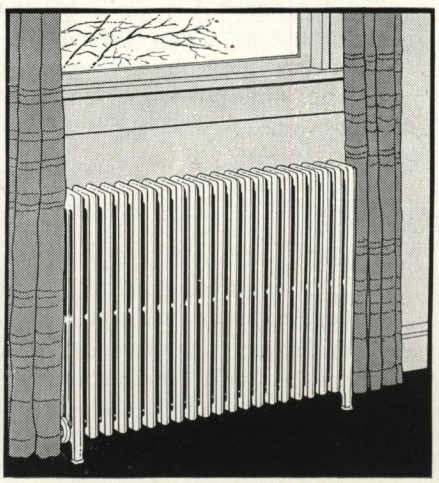
Partially Recessed Raydiant



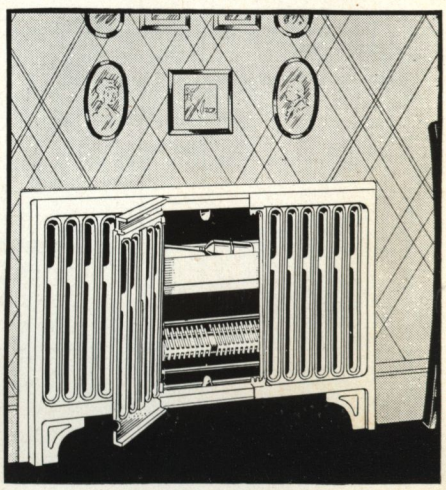
Cabinet Raydiant



Solray (Cabinet-type) Radiator

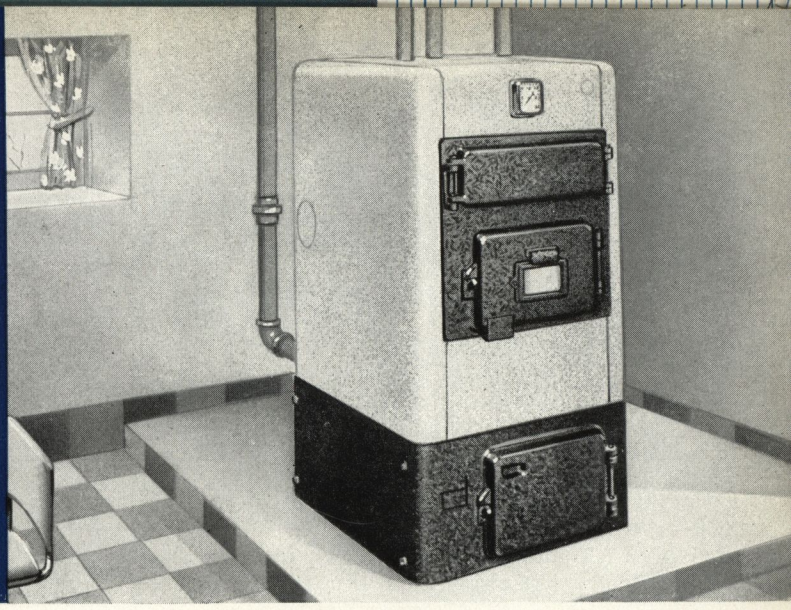


Junior Radiator



Humidifying Raydiant

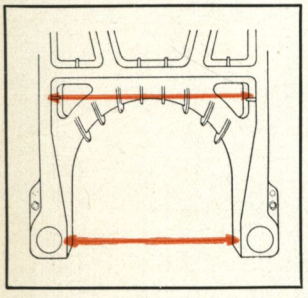
Weil-McLain BOILERS

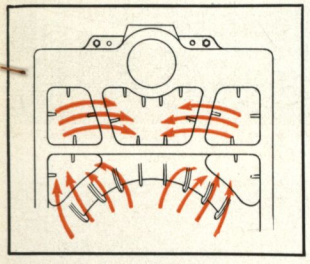


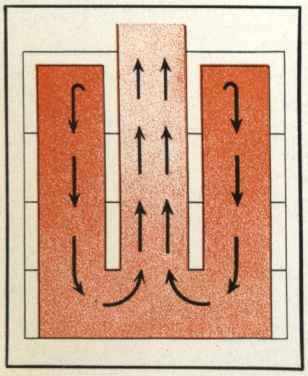
Scientifically Engineered to Fight Fuel Waste . . .

• No matter how excellent may be the radiators, no home can be adequately, yet economically heated without an efficient, modern boiler. The boiler is the heart of the modern heating plant. Upon its efficiency you must depend not only for adequate heat and comfort, but also for year-after-year fuel economy. Regardless of the kind of fuel you burn, or whether you select automatic or hand firing, the boiler's job is always the same: to provide facilities for efficient fuel burning and to absorb the maximum amount of heat. Note below the three important features always embodied in all Weil-McLain Boilers to *fight fuel waste*.

Square Boilers







Extra Efficiency over the Fire

Because it lies directly over the fire, the crown sheet surface (or roof of the combustion chamber) is generally considered the most valuable surface in any boiler. In *Weil-McLain square-type boilers,* an extra-wide crown sheet increases the heating surfaces over the fire. There is also overhanging tongue surface in the intermediate sections directly over the fire. In *Weil-McLain round-type boilers,* the crown sheet and other sections above it are corrugated like this ~~~ to increase the heat-absorbing surface over the fire and thus to reduce fuel costs.

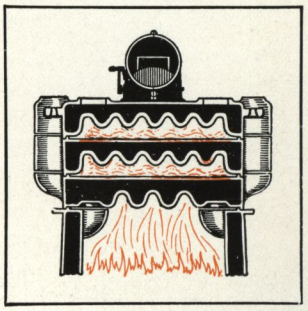
Hottest Gases Directed to Coolest Surfaces

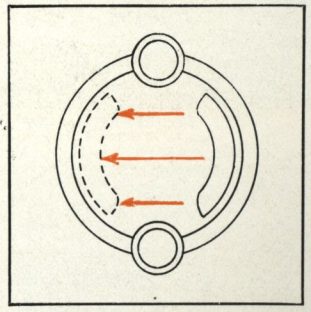
In *Weil-McLain square-type boilers* hottest gases are drawn to cooler side walls by auxiliary side flues—and from there into cooler primary flues above. See diagram at left. Thus heat absorption is accelerated, because heat transfer is always faster where there is greater temperature difference. In *Weil-McLain round-type boilers* hottest gases are also directed to cooler side surfaces . . . because the flow of gases is equalized by the greater distance gases must travel through center of boiler, where draft is naturally stronger. See diagram at right.

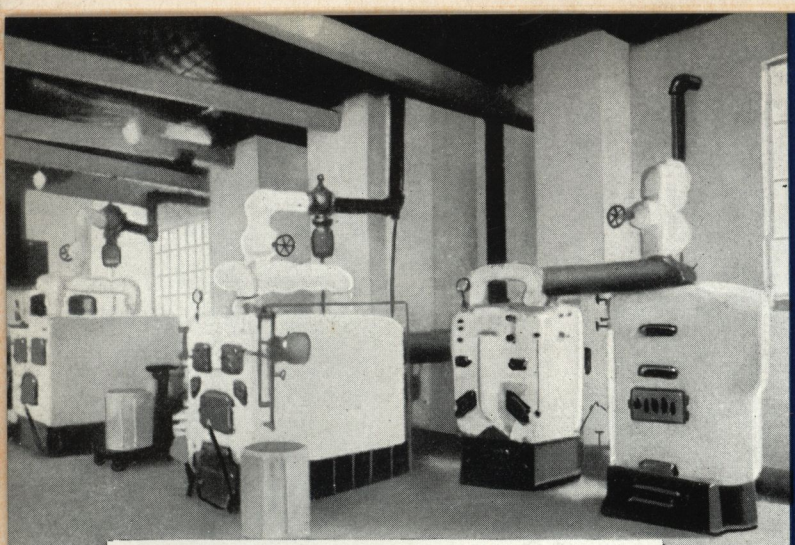
Balanced Back-and-forth Fire Travel

Heated gases rising from a fire naturally seek out the shortest path to the chimney. Normally this travel favors the center portion of the boiler. In *Weil-McLain square-type boilers* fire travel is controlled and balanced. Heat is first directed to sides and then distributed equally to all heating surfaces in flues, to prevent short cuts or favored paths to the chimney. In *Weil-McLain round-type boilers* hot gases are baffled backward and forward between corrugated heating surfaces. Here, too, balanced fire travel increases efficiency and prevents heat waste.

Round Boilers





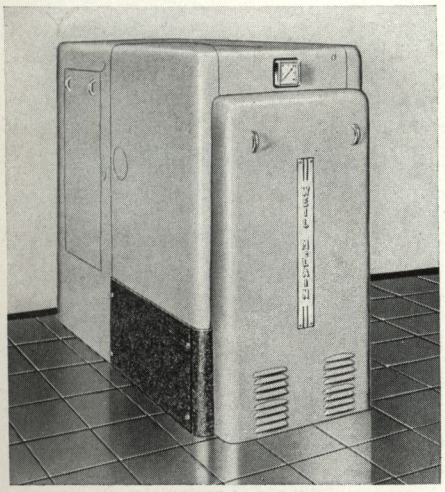


Weil-McLain Boiler Research Laboratory

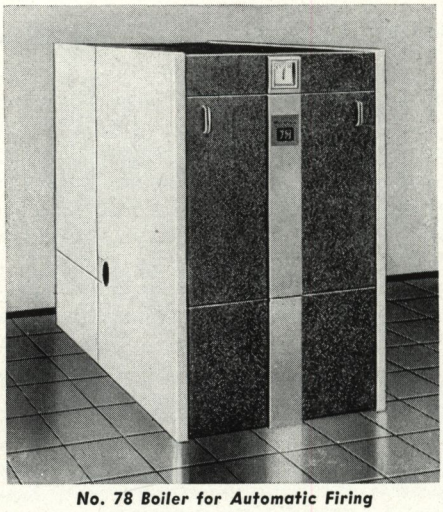
A Complete Line of Modern Waste-fighting Boilers

Designed to Give Greater Economy and Efficiency . . .

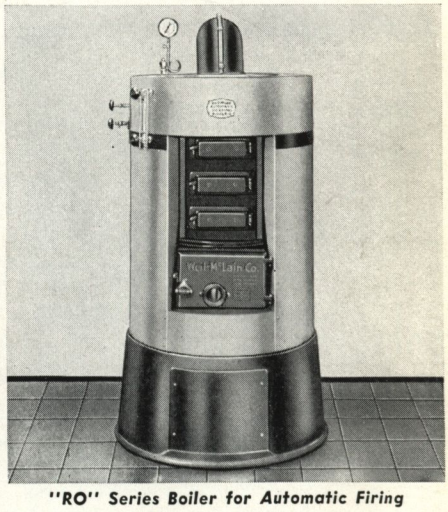
• With more than 40 years' experience to guide them, Weil-McLain engineers have designed a complete, efficient line of modern boilers which embody *both* up-to-the-minute improvements and traditional Weil-McLain quality. Necessary tappings and openings for automatic heat controls . . . thorough insulation . . . attractive appearance . . . and refinements in design and construction are but a few of the many outstanding features you will find in Weil-McLain Boilers. Before you select *any* boiler, investigate the high operating efficiency and low operating cost of these *waste-fighting* Weil-McLain Boilers.



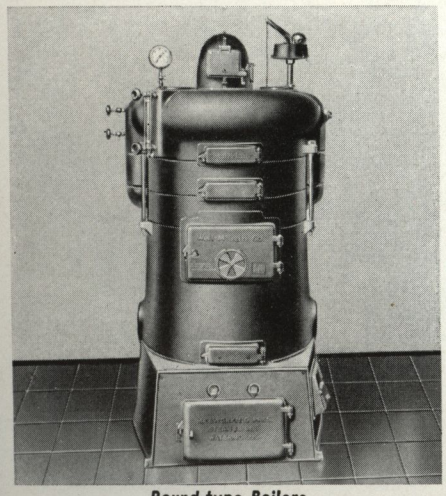
No. 67 All-fuel Boiler



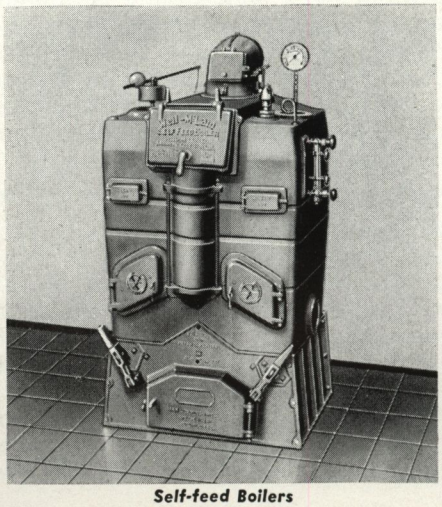
No. 78 Boiler for Automatic Firing



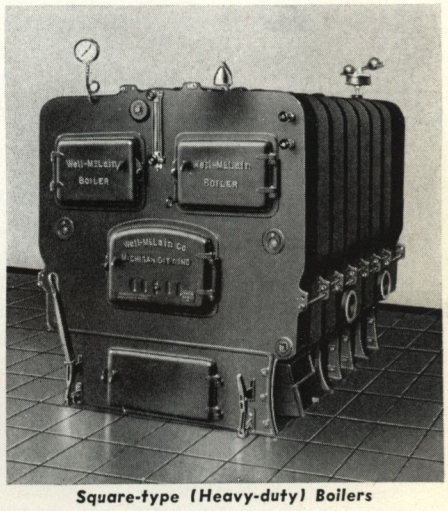
"RO" Series Boiler for Automatic Firing



Round-type Boilers

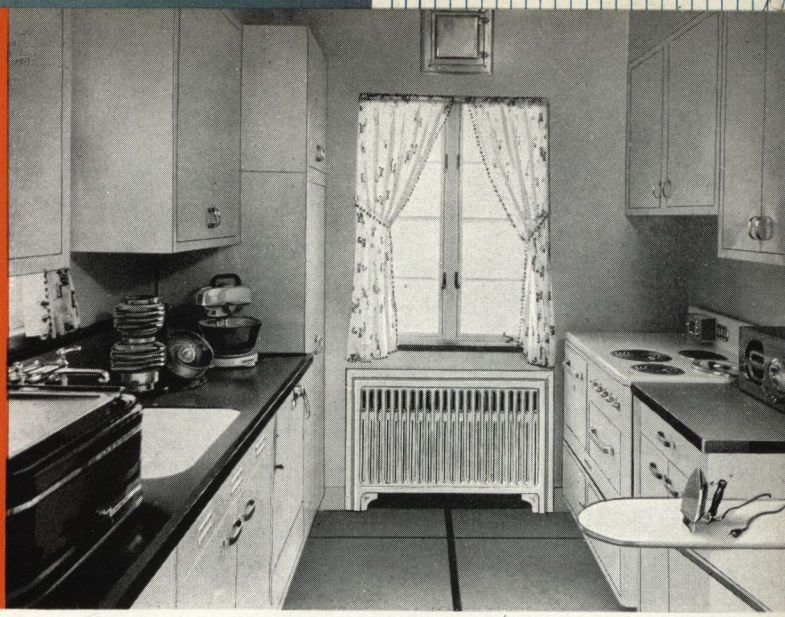


Self-feed Boilers



Square-type (Heavy-duty) Boilers

Extra Advantages of Weil-McLain Radiant Comfort Heating



Stored Heat Increases the Comfort of Automatic Heating

• Today when more and more home owners are turning to the freedom of automatic heat, Weil-McLain Radiators bring added comfort—because of *their remarkable ability* to store heat.

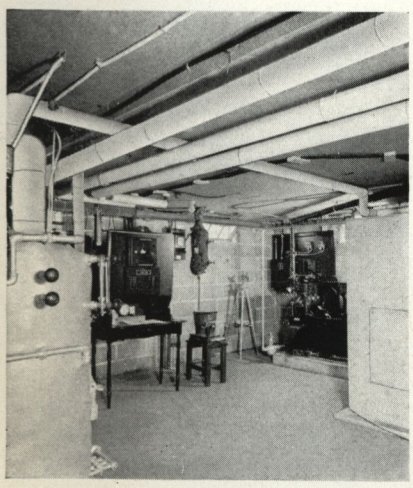
Automatic heating is "on and off" heating. During the "off" period of the thermostat the stored heat in radiators tempers the chilling effect of outdoor cold upon indoor temperatures. Thus radiators giving off pleasant warmth even after the thermostat "shuts off" contribute to more uniform room temperatures . . . a feature that adds greatly to the comforts of automatic heat.

Mixed Installations of Concealed type and Conventional Radiators

Of course everyone prefers concealed-type radiators, but building limitations or other reasons may prevent their use in every room. Such restrictions need never cause the home owner to deny his family the sunlike comfort of Weil-McLain "Concealed" Raydiant Radiators . . . for the advanced design and scientific construction of these out-of-the-way radiators make it possible to install them *on the same installation* with conventional radiators. They heat and operate in perfect balance with exposed tubular radiators.

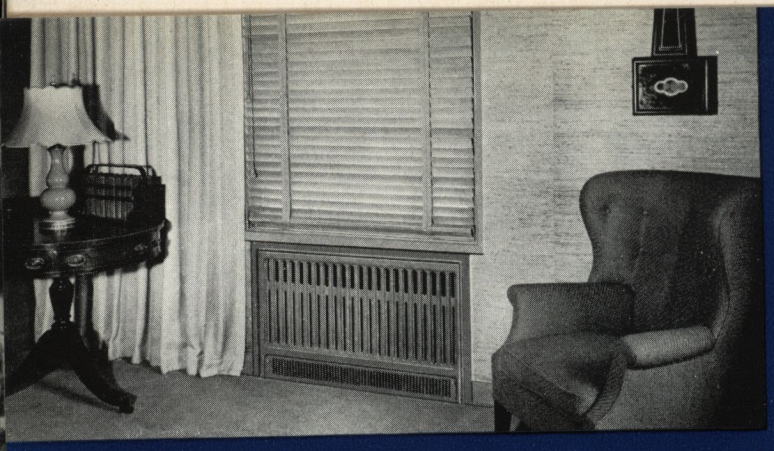
An Abundance of Domestic Hot Water When You Want It . . .

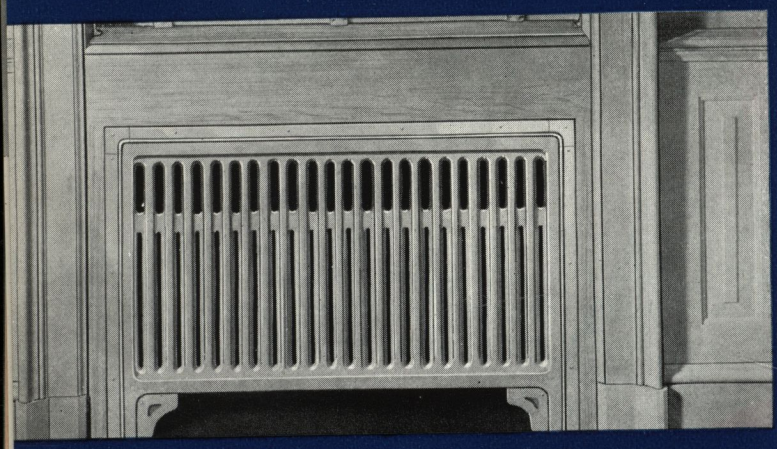
In the newer types of Weil-McLain Boilers, built-in domestic water heaters are available to economically provide domestic hot water for bath, laundry, and kitchen. When a built-in heater is not furnished, tappings for external-type indirect heaters are provided. Water may thus be heated economically in winter or the year 'round with the same dependable Weil-McLain Boiler that heats your home.

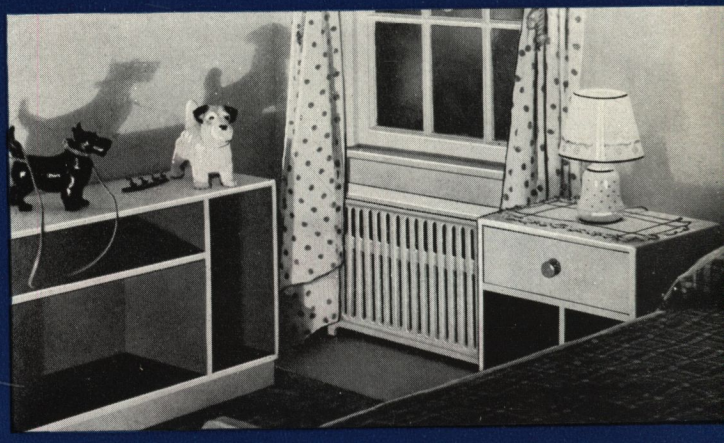


Science Guides Each Step of Development

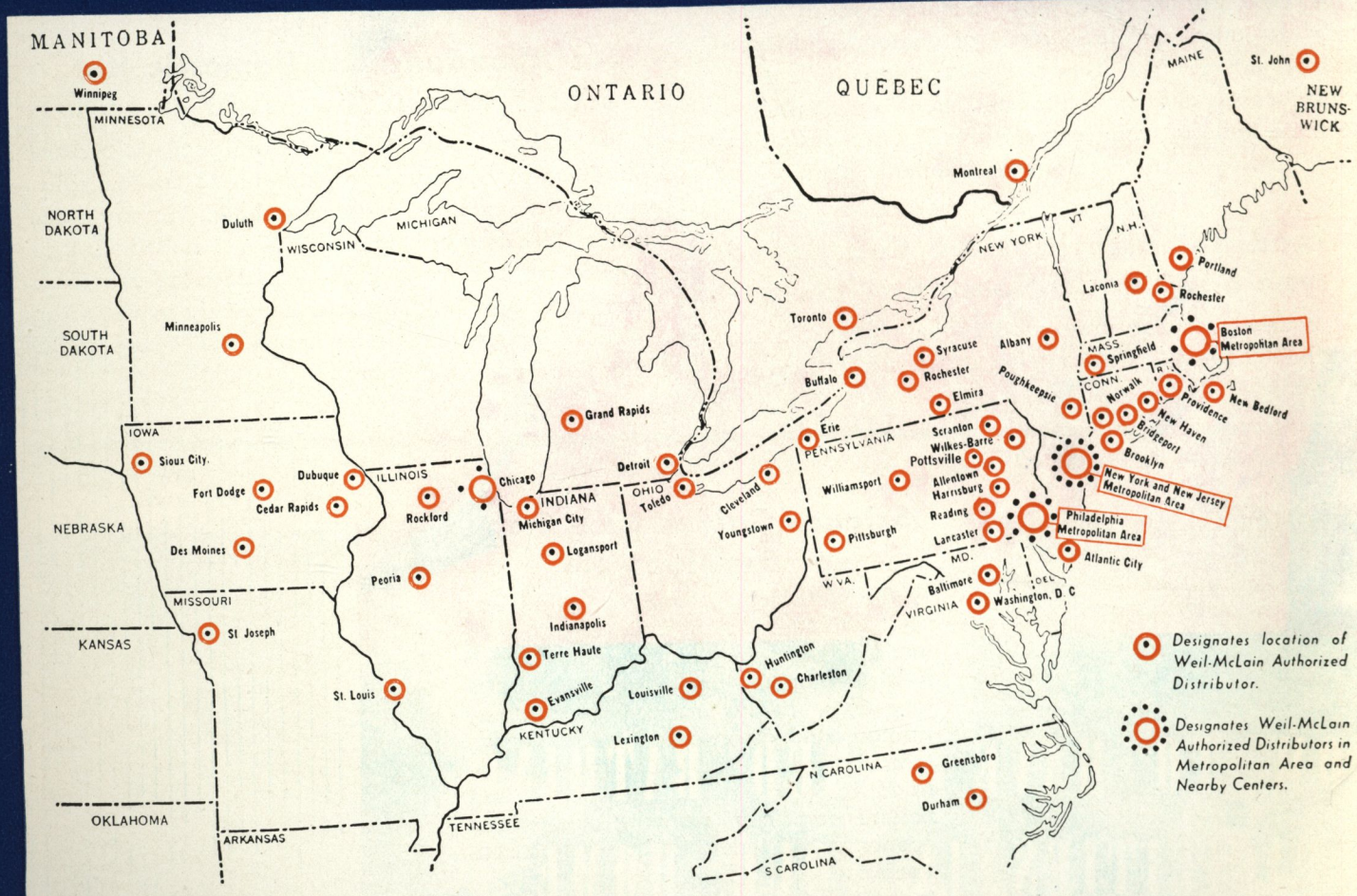
At the Weil-McLain factories in Erie, Pa., and Michigan City, Ind., experienced technicians painstakingly check each new development by exhaustive laboratory tests. In our modern laboratories, trained combustion engineers make certain that each advancement incorporated in Weil-McLain Radiators and Boilers capably assures the added economy, efficiency, and operating convenience for which it was designed . . . to the end that each product bearing the Weil-McLain name shall faithfully live up to all claims made for it.







WEIL-McLAIN *DISTRIBUTORS ARE CONVENIENTLY LOCATED TO SERVE YOU!*



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