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*R.W. Gilpin*  
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CCA



# Radiation and Decoration

For the convenience of those interested, we give below a list of Branch Showrooms, where samples of our Ideal Boilers and American Radiators may be examined and full information cheerfully and cordially imparted

## AMERICAN RADIATOR COMPANY

GENERAL OFFICES — 282-284 MICHIGAN AVENUE, CHICAGO

### BRANCHES

42-44 East Twentieth Street, New York	Court and Franklin Streets, . . . Buffalo
129-131 Federal Street, . . . Boston	926 Farmers' Bank Building, . . . Pittsburg
1342 Arch Street, . . . Philadelphia	336 West Fourth Street, . . . Cincinnati
109 E. Lombard Street, . . . Baltimore	225 Jefferson Avenue, . . . Detroit
282-284 Michigan Avenue, . . . Chicago	417 South Fifteenth Street, . . . Omaha
126 Sycamore Street, . . . Milwaukee	831 Fifteenth Street, . . . Denver
207-209 North Tenth Street, . . . St. Louis	1215-1216 Alaska Building, . . . Seattle
204-206 Fourth Street South, Minneapolis	338 Crossley Building, . . . San Francisco
89-90 Shoe Lane, . . . London, E. C.	24 Rue de Mogador, . . . Paris
35 Alexandrinenstrasse, Berlin	



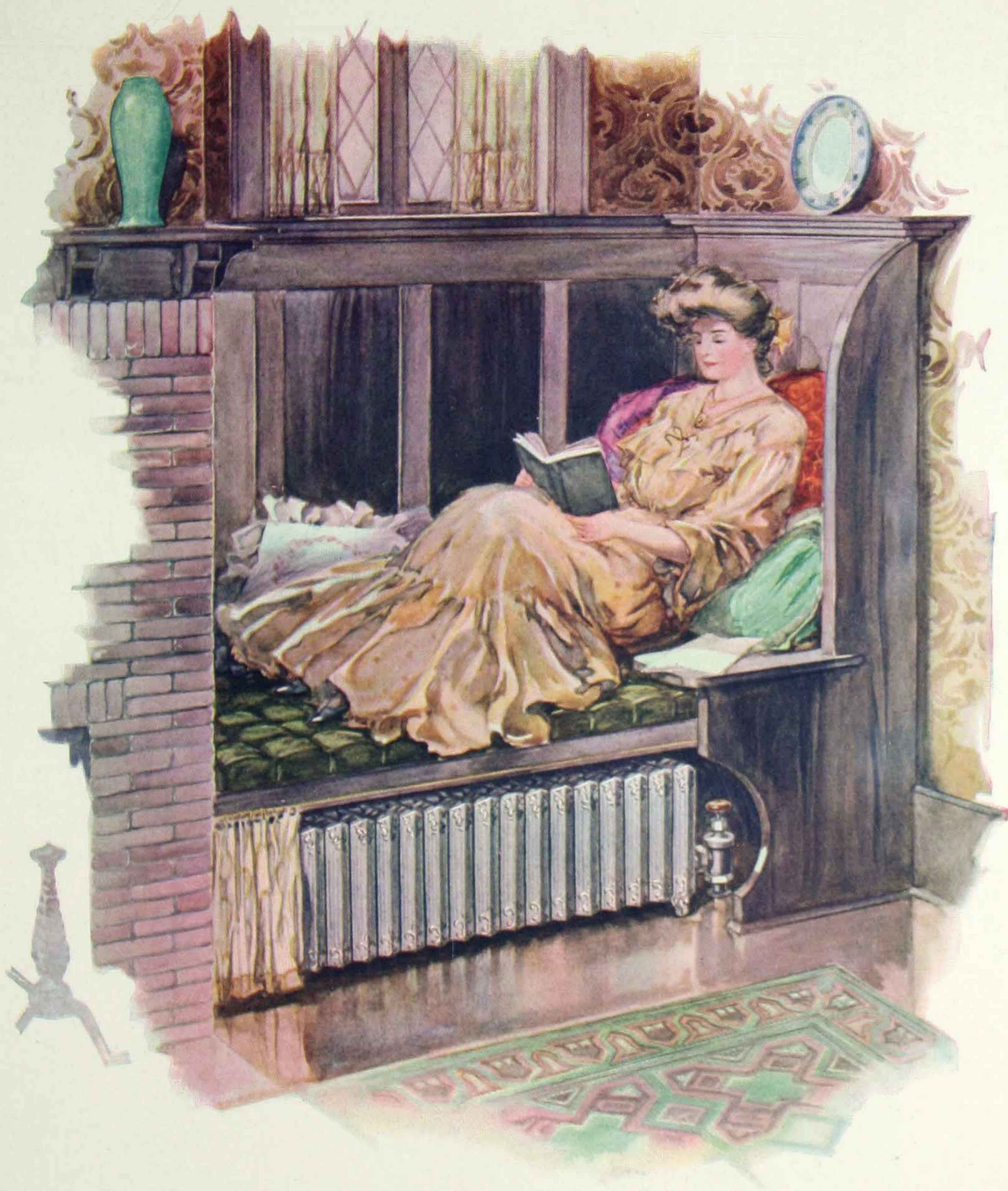
Entered According to Act of Congress, in the year 1905  
by the

**AMERICAN RADIATOR COMPANY**

in the Office of the Librarian of Congress  
at Washington, D. C.

*N. B.—The entire contents of this work (title, tables, engravings  
and text) are the property of the American Radiator Company,  
and are intended to be protected by this Copyright.*





### Aetna Flue pattern of American Radiators.

Showing how a radiator may serve both usefully and ornamentally in what might otherwise be a cold, inhospitable nook or corner of a room. This "cozy corner" is part view of the living room of our Colonial Model House, at St. Louis World's Fair, see pages 24 to 27.

1090-13778 TCF





### Verona pattern of American Radiators.

This pattern is the most artistic, most skillful casting we execute. It is a work of art in iron. The illustration does not do justice to the fine "hair lines" and contrasting heavy projections of the radiator proper.



## Beauty in Modern Radiators

BEAUTY in radiators began with us. We were first to recognize that many of the earlier types of radiators presented a very inartistic and roughly finished product—quite objectionable to people of particular tastes.

The earlier attempts to combine the practical and the artistic in radiators were very crude, as in all other materials designed to improve conditions of living. Many of these early forms of radiators have proven unacceptable to some householders, infixing uncouth impressions which seem to linger in the minds of many who are not well informed of the progress of this Company in bringing out more artistic designs.

The most important part of a warming apparatus is naturally centered in the heat distributors or radiators, and in no other direction has greater advancement been made. Whether we assume the credit of it or not, it is an indisputable fact that our product today represents the highest and best development in radiator construction; and in the various types here presented, some features in design or construction are embodied which place them exclusively in advance of anything else in use. We lead the fashions in Radiators.

Aside from our responsibility as leading manufacturers to make these articles of modern utility combine the artistic in form and ornamentation, we have felt also called upon to offer these illustrations in color as suggestions of how radiators may be tastefully decorated by any one able to use a paint brush.





**Rococo Ornamental pattern of American Radiators.**

Decorated in white enamel and gold, the radiator fits perfectly the delicate beauty of this Parlor furnished and decorated in the Louis Seize style.



## The Heating Problem is Solved

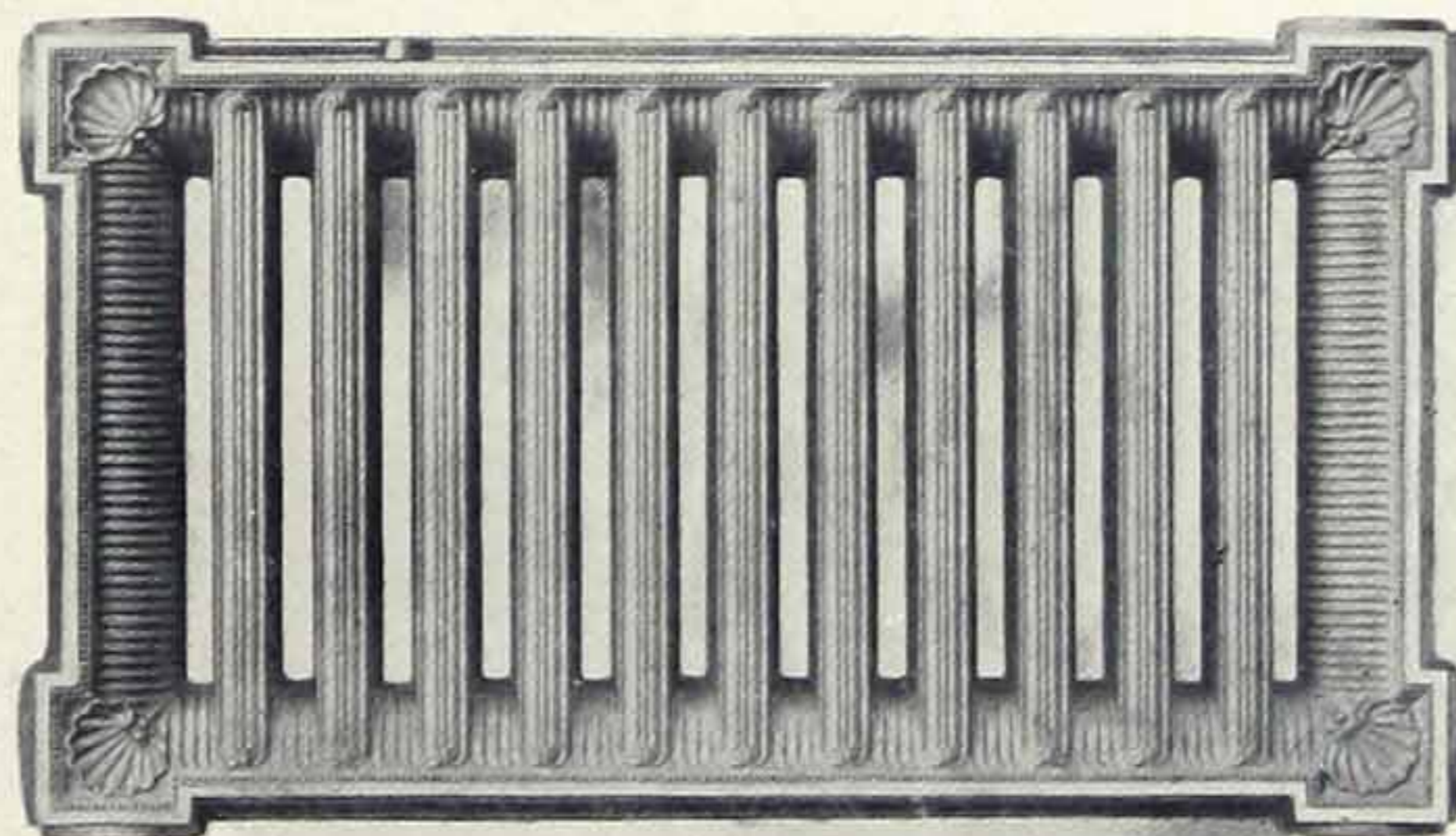
IT IS now too well established to be doubted by any one that the problem of correctly and economically warming buildings has been solved by modern steam and water heating methods.

It is the object of this booklet to show that AMERICAN Radiators may become one of the decorative features of any room, however rich its furnishings.

To those not fully informed of the sanitary protection, the comforts and conveniences of steam and hot water warming, we cordially offer to send our book, "THE HOMES SUCCESSFUL."

To those not familiar with the substantial economies in fuel, in labor-saving, and in absence of repairs, brought about by the use of AMERICAN Radiators and IDEAL Boilers, we shall be glad to mail our booklet of comparisons—"HEATING INVESTMENTS SUCCESSFUL."

To those who feel that they cannot spare the funds to buy steam or hot water warming because of its higher *first* cost, may we not be permitted to call attention to the savings which would be effected if the owners instead of buying the unnecessary inner doors, lamps which are never lighted, vases which never contain a flower, books which are never read, etc., etc., should invest a sum equivalent to their cost in health protecting, comfort-producing, labor-saving, equally decorative AMERICAN Radiators.



Colonial pattern of American Radiators.

Made to hug the wall and to fit in all narrow spaces—such as in narrow halls, small bath rooms, along counters, show-window bulk heads, church aisles, school room walls, yachts, etc., etc.





### Ideal pattern of American Radiators.

Like most other illustrations in this book, the Radiator is painted the same color as the wall paper, which in effect subdues or "paints the radiator out," where decorative balance so requires in that portion of the room where Radiator is placed.

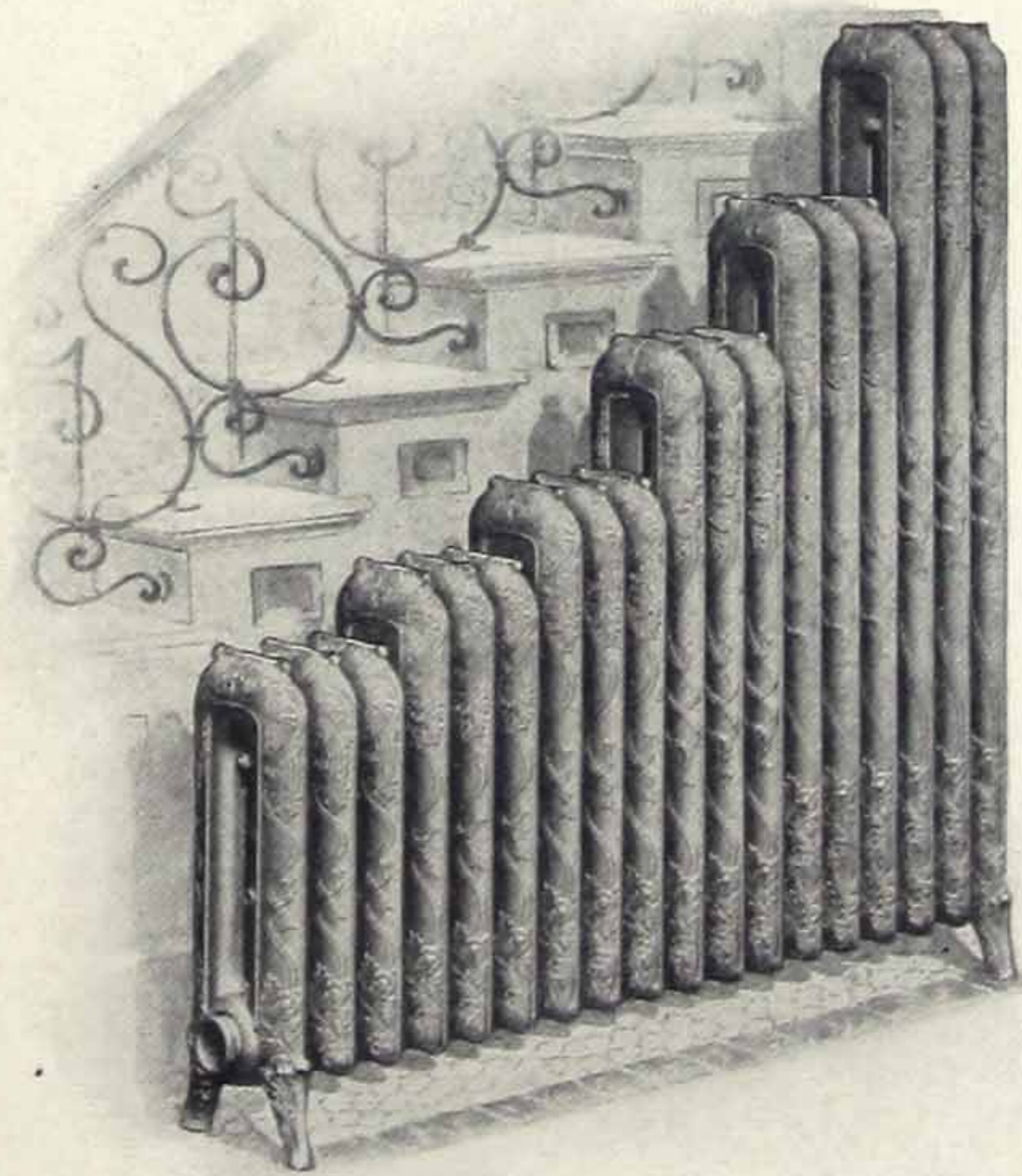


## The Radiator at Home

THIS book is issued to show not only how well AMERICAN Radiators are made but also how simple are the processes of location and decoration which assist to make them blend and harmonize with the architecture and furnishing of the rooms in which they are placed. It should be borne in mind that radiators are not sold by us other than in the bare iron. They can best be decorated in the building where they are to be used, as, if painted at factory, they might be scratched or marred in shipment.

The shades of colors here shown are to be regarded merely as suggestions for decorative effects. Painting of the goods will improve the colorings shown in these illustrations, as there are certain mechanical limitations in the *printing* of colors. The decorated radiators should in every case, therefore, appear much better than the radiator shown by these colored illustrations.

The pictures in this book show the radiators "at home" in many of their varied settings, illustrating the simple ways of decorating them. It will be noted that most of the radiators shown are painted in one color. Only one of the radiators is shown decorated with as many as three colors. Decorating a radiator is a process any one may undertake and calls for only the same display of taste that attends any ordinary selection of home furnishing.



**National Two-Column Stairway pattern of  
American Radiators.**

We supply a number of patterns in this shape, to fit along side of or to place underneath open stairways.





### Rococo Ornamental pattern of American Radiators.

Simplicity rules in rooms of the modern crafts style. In this Reception Room the Radiator is best decorated in one tone, suggested by the color of the walls or of the woodwork.

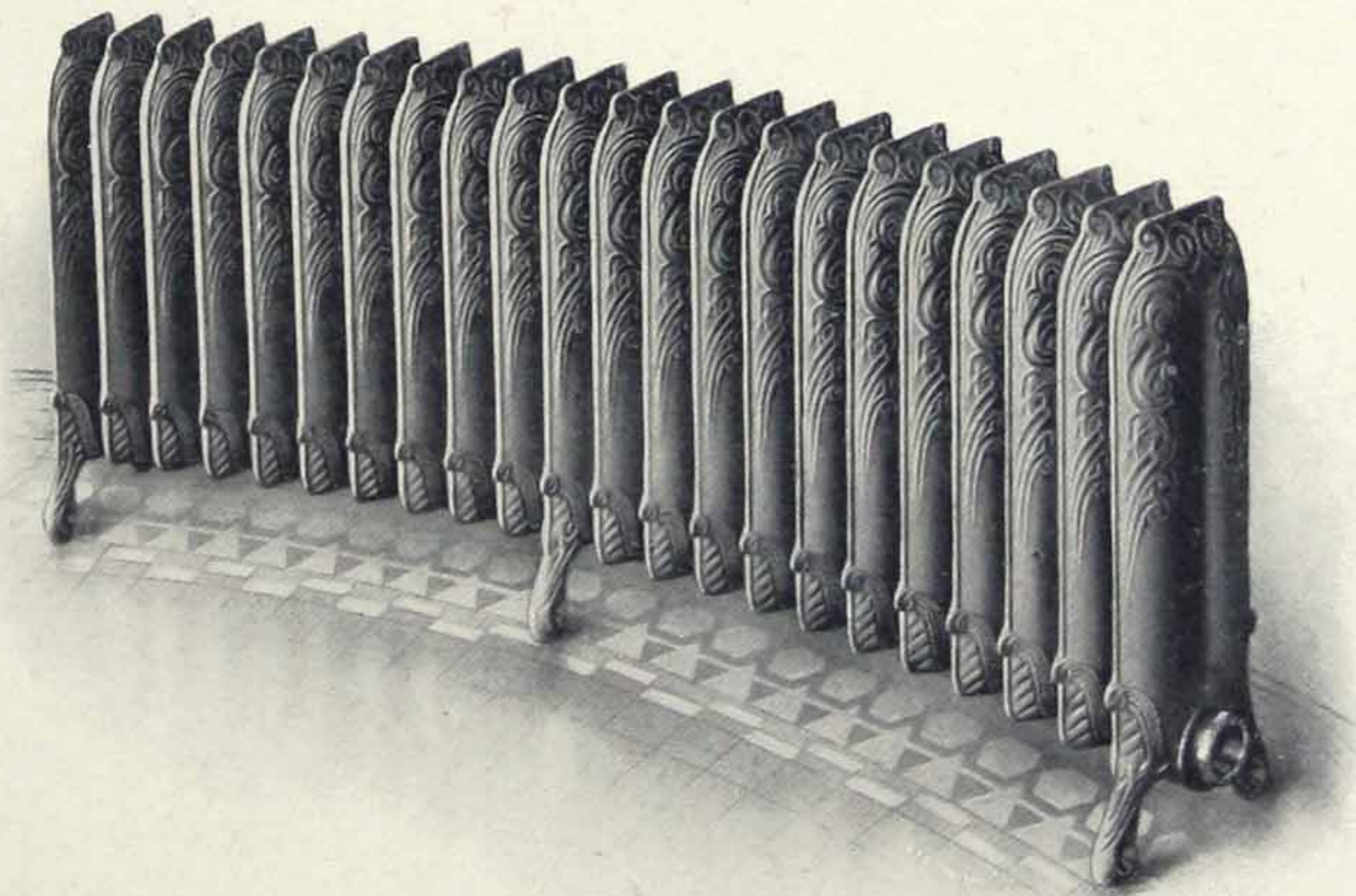


## Radiators for Odd Places

**A**N AMERICAN Radiator is a most considerate piece of furniture. It is just as much at home and often just as effective in a corner,—under a stairway,—under a window,—under a floor,—it is most willing to stand aside and silently do its work by making its genial, comfort-giving presence felt from the by-way.

Some patterns aim to save labor in putting down or taking up carpetings. Some patterns are very handy for keeping plates and food warm in the dining room. Other patterns are made just narrow enough to hang upon a wall and do efficient heating work in vestibules, narrow halls, in bath-rooms, around show-windows, counters, desks, yachts, state-rooms, etc., wherever space is limited. Others just right to locate under window-seats, in corner nooks, bay-windows, straight, curved, angle or to encircle columns—for high, low, narrow, wide positions—in height from 13 inches to 45 inches, in width from  $3\frac{1}{2}$  inches to  $12\frac{3}{4}$  inches—yet always to give the maximum of *efficient* heating surface for the space occupied.

Our intention is that these radiators shall never tyrannize for location in order to perform their best work, but that they shall stand to serve from unobtrusive positions which give ample space to all other articles that furnish and conserve the interests of the home.



**Perfection Ornamental Curved pattern of  
American Radiators.**

We make a number of our patterns of Radiators in curved shape to fit any radius, in bay windows or elsewhere.



## Simplicity in Decoration

IT WILL be observed that only one of the Radiators shown in this book is decorated in as many as three colors. The majority of the Radiators are shown painted in one color—and, usually, of the same color as the wall papers which form their respective backgrounds. Where the Radiators are painted two colors, the second coat of paint is allowed to “set” until it becomes “tacky” (not quite dry), whereupon a clean, dry rag is lightly wiped over the ornamental surfaces, which removes sufficient of the second coat of paint to allow the first or body coat to show through, thus bringing out the ornamentation strongly in relief. The process is simple, indeed.



Aetna Flue pattern of American Radiators.

This pattern of Radiator is made in 15, 14 and 13 inch heights and may be used most conveniently under windows or window seats—see suggestions on pages 5 and 16.

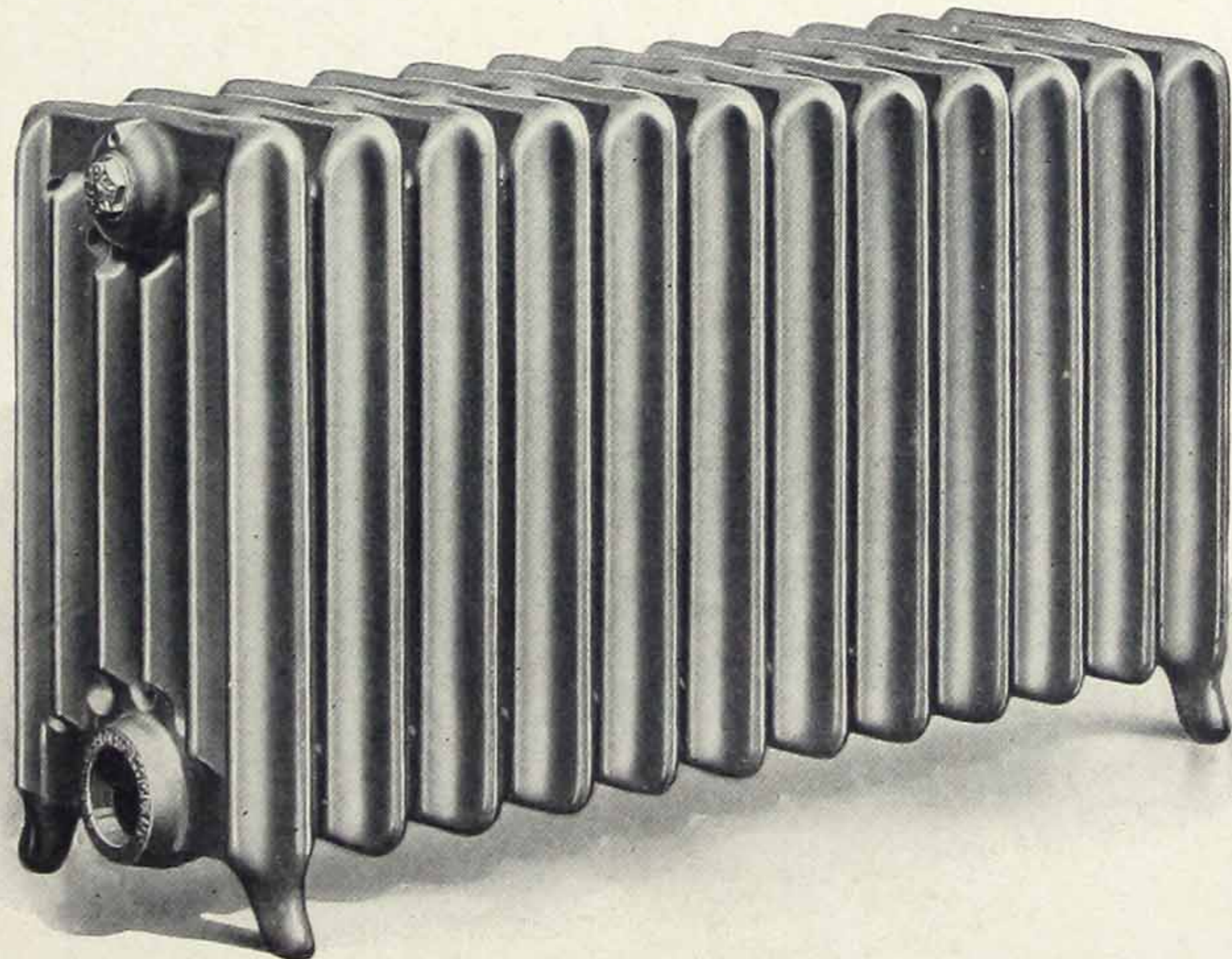


## Smooth Surfaces for Decorating

THE finish of all types of AMERICAN Radiators is sharp and clear-cut in raised ornament, while the flat surfaces are very smooth—free from pits and blemishes. These fine ornamental and plain surfaces are brought out only by our correct methods of molding and after-handling, forming a background for the final brush decoration which it is impossible to produce upon a rough faced casting.

The gates of opportunity close upon a radiator casting if it carries a rough face past the foundry door. There is no veneer or decoration which will cover up imperfections in iron surfaces. One reason why the AMERICAN Radiators always appear well is because they present a smooth background for brush finish—a background which will remain clear and attractive for a century, or more.

The housewife also appreciates how easy such radiating surfaces are dusted, there being no projections on which dust may lodge. In bath-room, nursery, kitchen or similar room where thorough cleanliness is essential, the radiators may be washed or scrubbed perfectly clean.



**Rococo Plain Window pattern of  
American Radiators.**

Another type of our low height Radiators, for conveniently placing under windows or window seats, and which also serves to illustrate the smoothness of surface.





### Aetna Flue Curved pattern of American Radiators.

This shows a most effective arrangement of Radiators, and yet one which is most unobtrusive. The warm colorings of such a living room would be a mockery without the comfort-yielding Radiator.



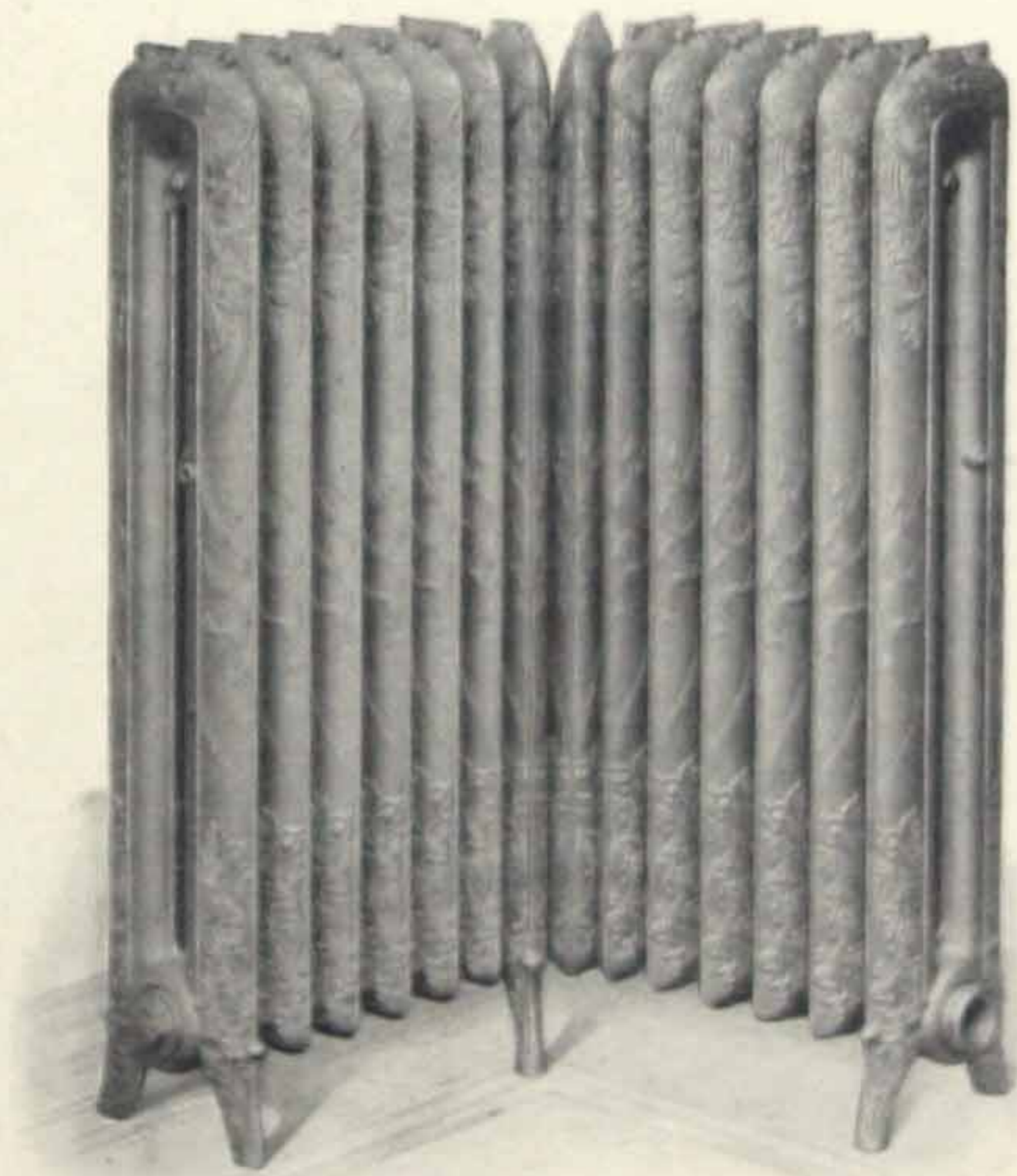
## Decorations

**I**F AT any time a radiator has appeared to be an intrusion or conspicuous in a room, the blame rests with the architect or the decorator. There is so large an assortment of patterns, shapes, sizes, etc., that it is simply a matter of right choosing. There are so many ways in which the radiator may be decorated and re-decorated that it is simply a matter of exhibiting taste,—judgment.

A radiator is to be regarded as an appreciated necessity, ministering to our enjoyment of living, so contributing to our comforts and convenience that the architecture and the decoration of a home could not else be so thoroughly enjoyed therein.

The radiator can be made to tone with the wood-work or to the color of the walls or to the color scheme of the draperies in one room, in another room it can be made a quiet spot of color to rest the eye, and in other rooms it will be found that just the spot the radiator occupies requires the daring dash of color that artists are fond of using.

The succession of regular straight lines of AMERICAN Radiators form a symmetrical rythm for the eye, and to the decorator or to the householder of artistic taste offers highest possibilities for a color symphony.



**National Two-Column Corner pattern of  
American Radiators.**

We make a number of our Radiator patterns in this special shape to fit the corner or angle of a room, or to fit about a square pillar.





**National Two-Column pattern of American Radiators.**

This pattern matches particularly well the pattern of the wall paper, adding to the neat, snappy appearance of the room. This is a neat example of decorative harmony.

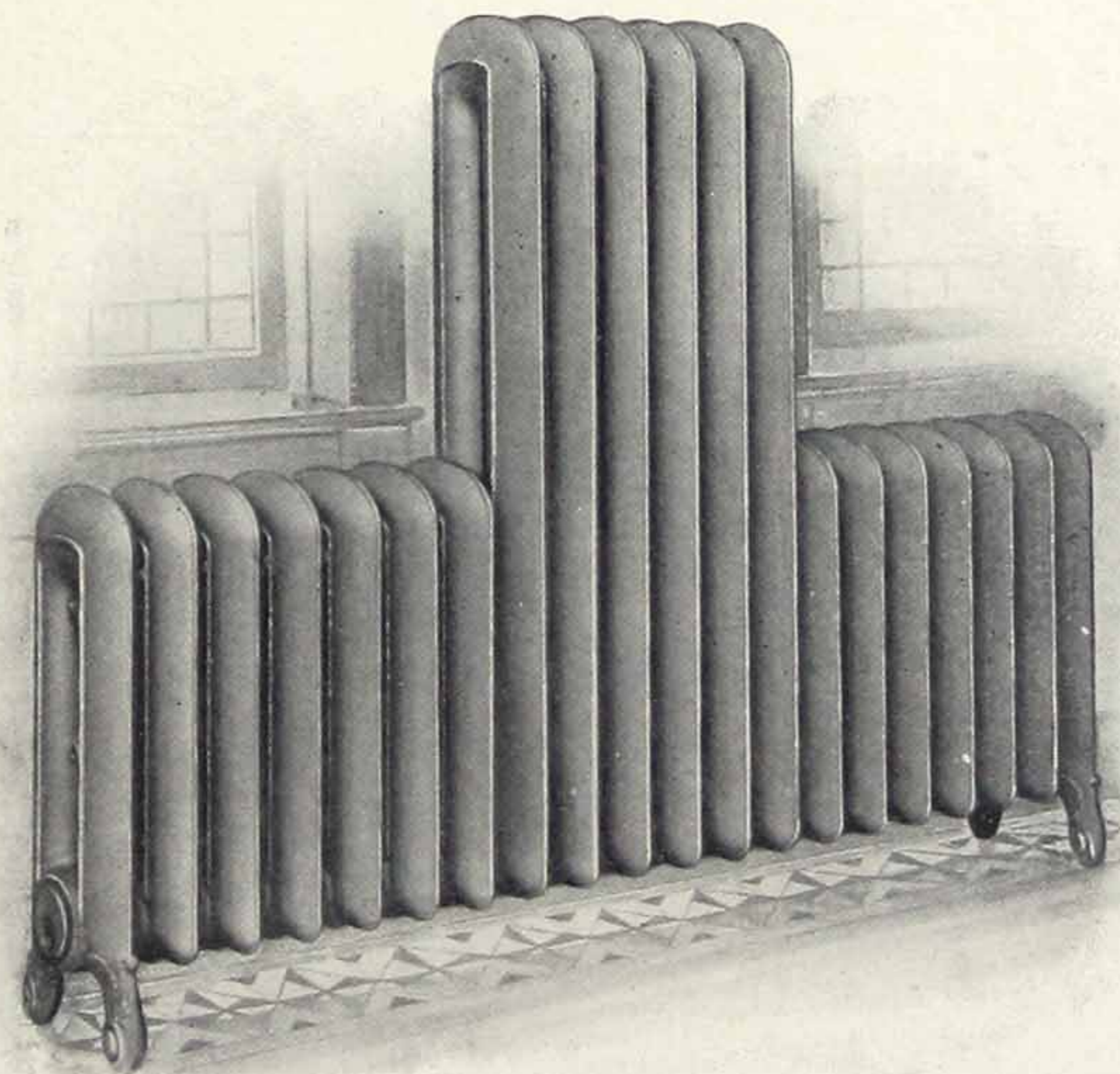


## The Growing Uses of Radiators

**A**MERICAN Radiators are made to use in all classes of inhabited buildings,—residences, churches, hotels and assembly buildings of all classifications. This booklet particularly illustrates their adaptability to the satisfactory warming of residence structures. It is well to add, in this connection that they are just as adaptable to the cottage homes as to more pretentious dwelling places.

The prices which have been continually lowered to bring about a larger demand are now low enough to bring their purchase within the means of all classes of property owners. Every year records a larger number of cottage homes whose owners find that the purchase of steam and water warming apparatus is a good investment of principal, as well as an economical means for insuring the health, comfort and cleanliness of the home and thus extending the opportunities for domestic tranquility.

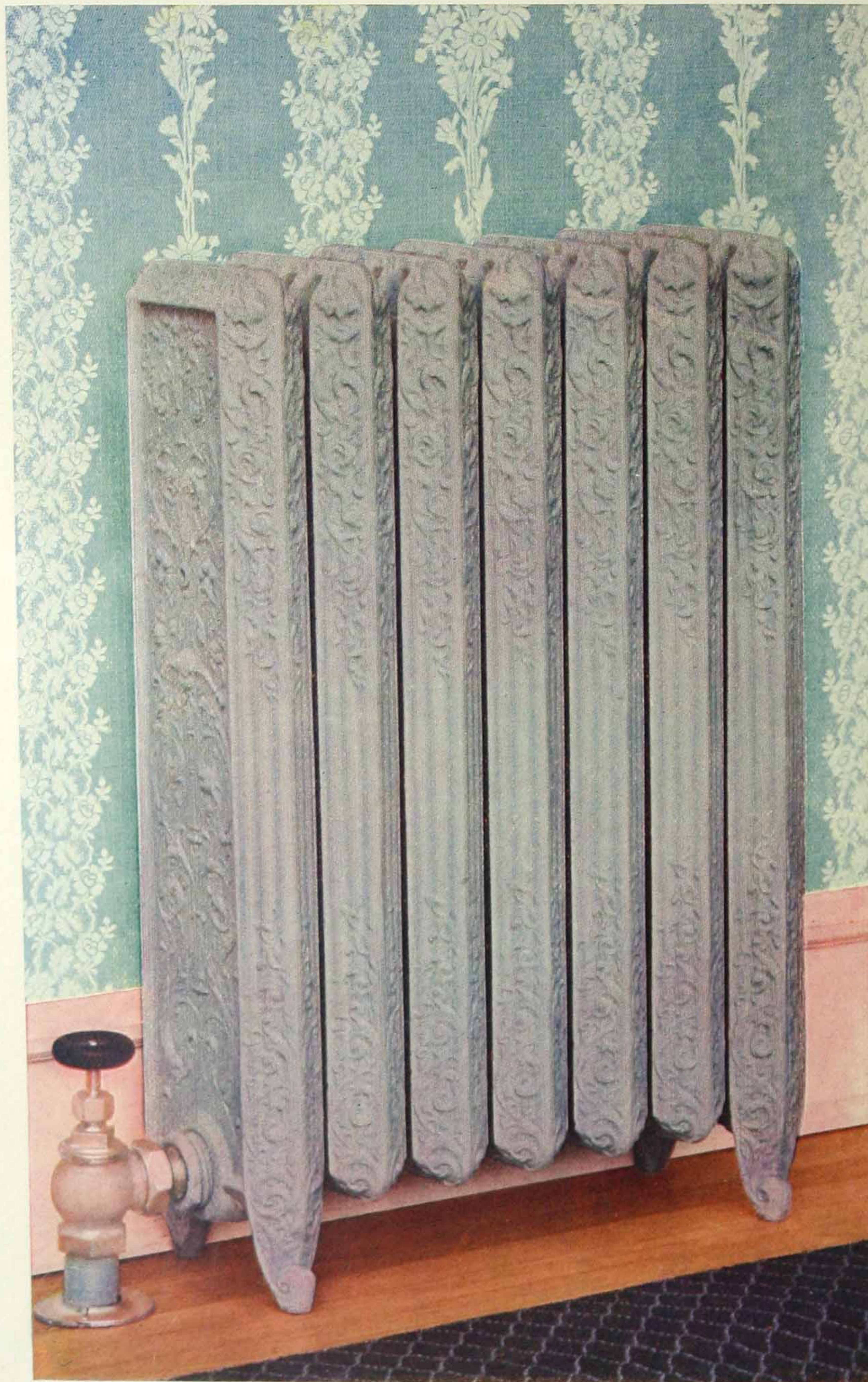
The fuel and labor savings, and absence of repairs, pay in time more than the difference in first cost between a steam or a hot water outfit as compared with other and old-fashioned heating methods.



**Peerless Two-Column Window pattern of  
American Radiators.**

We make a number of our patterns in this form and in various heights and sizes, to fit between and under windows.





Italian Flue Ornamental pattern of American Radiators.

This Radiator is here decorated in a one tone color to match the restfully cool blue of the wall paper.





**Peerless Single Column pattern of American Radiators.**

This pattern of Radiator is particularly well adapted to a nursery. It is so clean and cleanable. Its extreme projection from wall is only 5½ inches.





### Rococo Dining Room pattern of American Radiators.

Could anything fit a room more perfectly? The warming oven has two shelves, upon which plates and food may be kept warm.



## Suggestions for Decorating

WE INVITE attention to our line of clear, rich-hued IDEAL Radiator Enamels. The tints offered are delicate yet bright, and by mixing one color with another almost any fashionable shade may be secured to harmonize with the draperies, wall paper or other furnishings of artistic homes. The enamels are made after our own formulas, and we highly recommend them for covering quality and durability.

Colors carried in stock, in gallon, half gallon and quart cans are:

Alabaster,	Silver Grey,
Azure Blue,	Blue Tint,
Light Pink,	Lilac,
Oak Brown,	Cream,
Light Drab,	Terra Cotta,
Ebony (or black),	Nile Green,
Apple Green,	Bronze Green,
Gobelin,	Sea Green.

We are pleased to send Color Card on request.

These color combinations have been found to give pleasing effect—where the color first mentioned serves as the foundation:

Red, Brown and Grey	Blue, Brown and Orange
Red, Olive and Grey-Blue	Blue, Light Olive and Plum
Red, Green and Brown	Blue, Brown and Gold
Yellow, Old Rose and White	Green, Violet and Soft Grey
Yellow, Old Gold and Grey-Blue	Green, Buff and Rose
Terra Cotta, White and Soft Green	Green, Terra Cotta and Dark Red
Buff, Gold and White	Sage, Russet and Blue-Green
Grey, Olive Green and Cool Blue-Green	

### Directions For Use.

ENAMELS: Radiators should be painted with one coat of flat paint (*free from oil*) and one or two coats of Enamel. Stir Enamel thoroughly and apply with an ordinary flat bristle varnish brush. If it thickens add a little turpentine—too much will kill the luster. Be sure to remove all oil or grease from surface of radiator before applying, or Enamel will peel off. Do not flow it on too heavily—two thin coats are far better than one thick. One gallon will cover about 250 square feet of surface. *Caution:* Enamel should be applied when Radiator is *cold*, and heat should not be turned on for at least 24 hours thereafter.

Radiators shown in two color or two tone decoration, as per illustrations on pages 6, 22, 26, 28, 31, 34, 39 and 44, are painted a body color. When this first color has thoroughly set or dried, a second coat of Enamel is applied. Before this second coat has set, and is in the condition called "tacky", a dry rag is lightly wiped over the ornamental surfaces, which removes sufficient of the second color to bring out the body color on the ornamental or relief portions of the Radiator casting.





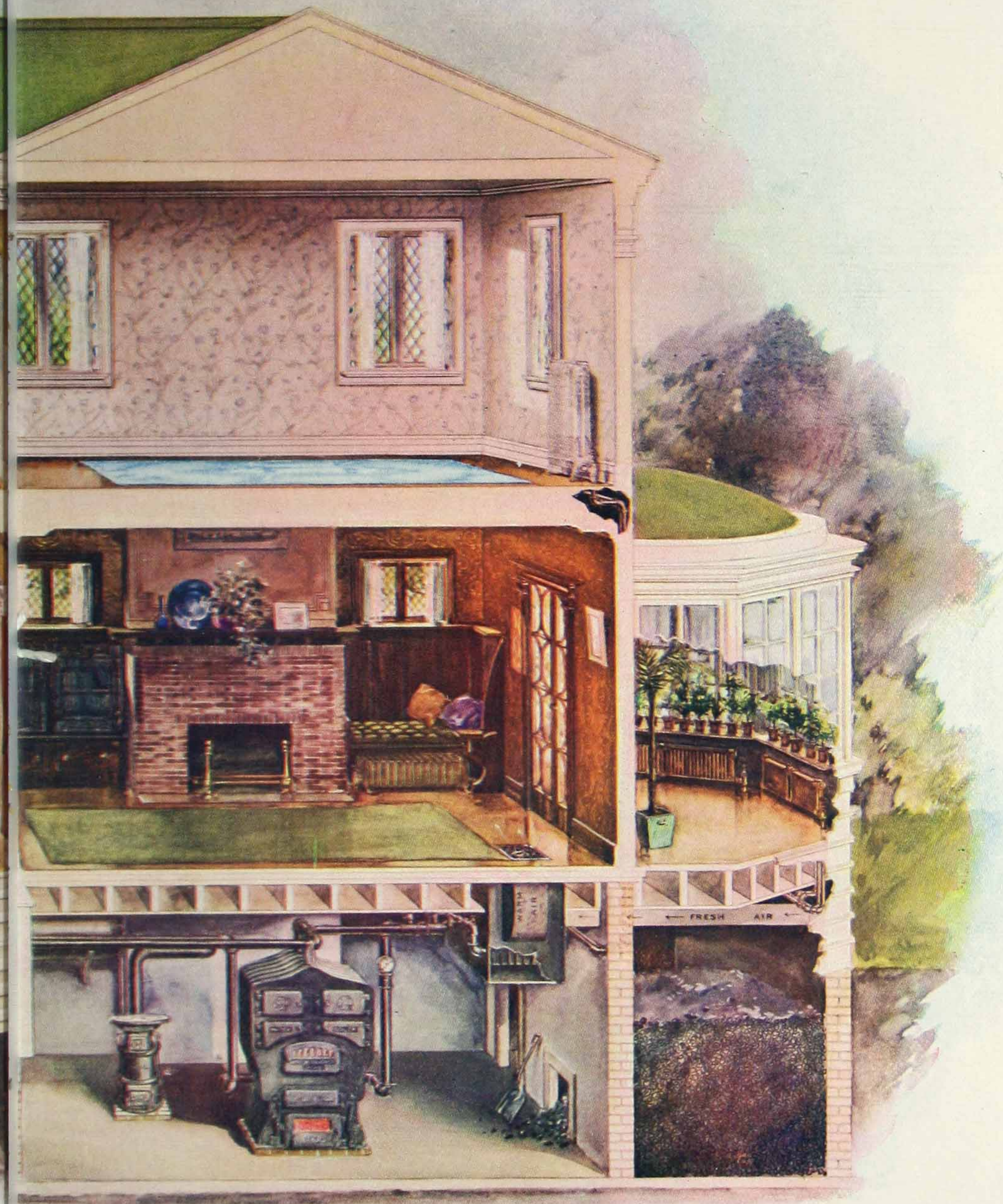
American Radiator Company ex

The house was full two stories high, and basement; 40 ft. l

Ideal Boilers and American Radiators were a

of heating and ventil





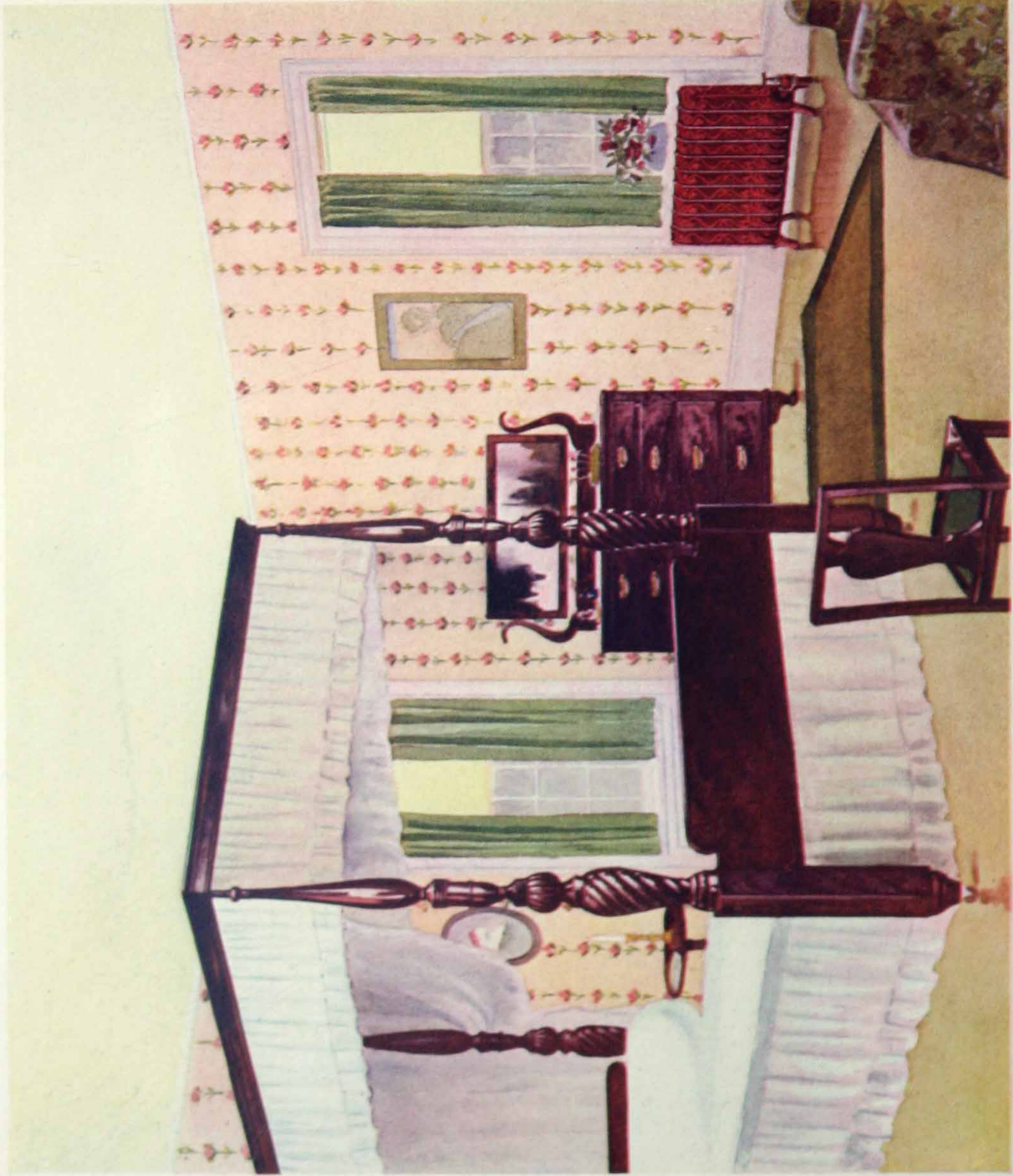
bit at the St. Louis World's Fair.

16 ft. wide; rooms completely furnished. See description page 27.

ded the sole Grand Prize given to any manufacturer

apparatus in the world.





### National Two-Column pattern of American Radiators.

The Radiator is here placed under a window of this Colonial Bed Room and treated as a piece of furniture; though if considered obtrusive, it could, to quite equal radiating advantage, be hidden in corner back of the dresser.

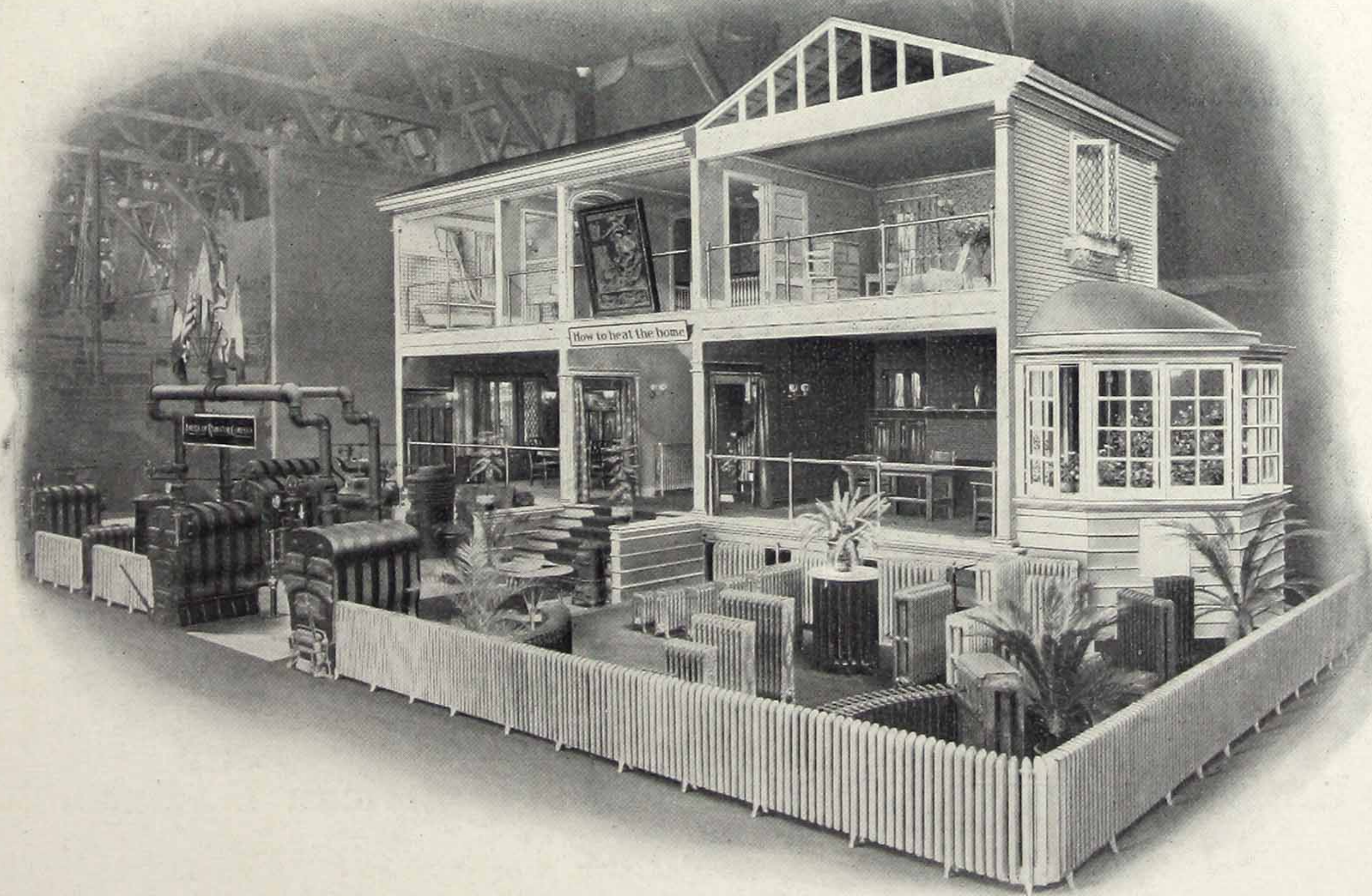


## World's Fair Model House

OUR EXHIBIT at the St. Louis WORLD'S FAIR brought us in touch with many hundreds of thousands of home-lovers.

They showed a deep interest in the simplicity of the modern warming outfit displayed in the COLONIAL MODEL HOUSE which was a part of our exhibit. It was noticeable that their interest was particularly directed to the convenient placing of the Radiators and the simple yet effective manner in which they were decorated to harmonize with the draperies and other furnishings.

Indeed, so marked was the interest of the public in the designs and decoration of AMERICAN Radiators, and so surprised were these home-lovers to learn in what a variety of simple, attractive ways the Radiators could be decorated, that we have felt called upon to publish this book of colored illustrations as a souvenir



General view of our Exhibit at St. Louis World's Fair.





**National Single Column pattern of American Radiators.**

In this arrangement of color, the Radiator is subdued by being painted to match the wall paper, in contradistinction to the arrangement shown in illustration on page opposite.





### Rococo Plain pattern of American Radiators.

In this arrangement of color, the Radiator is brought out in pleasing contrast to the wall paper, yet matching the decoration of the wood-work of the room, thus featuring the Radiator.





### Rococo Window pattern of American Radiators.

In this most attractive Bath Room, the Radiator is tucked away in the corner to suit the idea of the decorator. It could perhaps with greater propriety and effectiveness have been placed underneath the windows. It is particularly in limited spaces of this nature that low, narrow Radiators could be used to advantage, such as the Peerless Single Column and the Colonial Wall Patterns of Radiators, illustrated on pages 21 and 9, respectively.





### Rococo Ornamental pattern of American Radiators.

This is another illustration of the method of subduing or "painting out" the Radiator by decorating it in the same tone as the wall paper.





**Peerless Two-Column pattern of American Radiators.**

This plain, smooth pattern of Radiator is well suited to Nursery, Dining Room, Kitchen or the like, where the surface may be washed as frequently as is the wood-work, floors or windows.



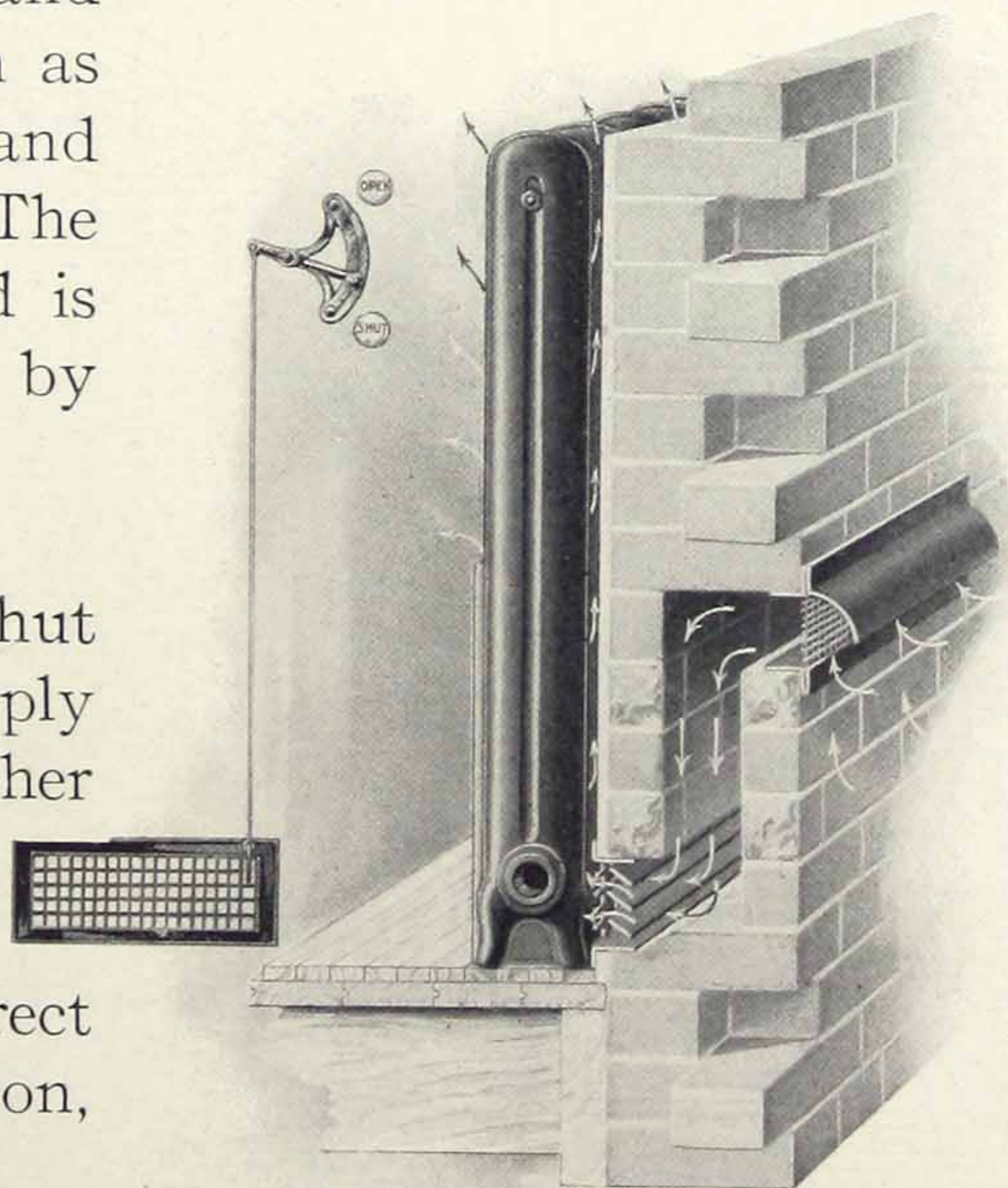
## Ventilation and Direct-Indirect Heating

FOR offices, hotels, churches, schools, auditoriums, sanitariums or for any other enclosures wherein reliable ventilation is especially desirable, we offer warming surfaces called Direct-Indirect Radiators. This type of AMERICAN Radiators is used to a large extent by the United States and Foreign Governments in warming barracks, post-offices, training schools and the like, where change of air in a room is desired a given number of times per hour.

In houses as ordinarily built there is usually sufficient ventilation from crevices around loose fitting windows, doors, etc. But one or more of these Radiators acting as reliable agents for steady introduction of freshly warmed air is desirable in any building.

These Direct-Indirect surfaces are practically the same as those used for the direct method of warming, the difference being that the fresh air supply is brought in from the outside by means of a passageway extending through outer wall of building. The air thus passes directly up through the radiator base and between the warmed sections of the radiator. By this method the air is at once raised to the required temperature and changed in the room as often as the needs of the occupants demand—and without causing draft. The supply of warm air imparted is easily regulated in the room by dampers in radiator base.

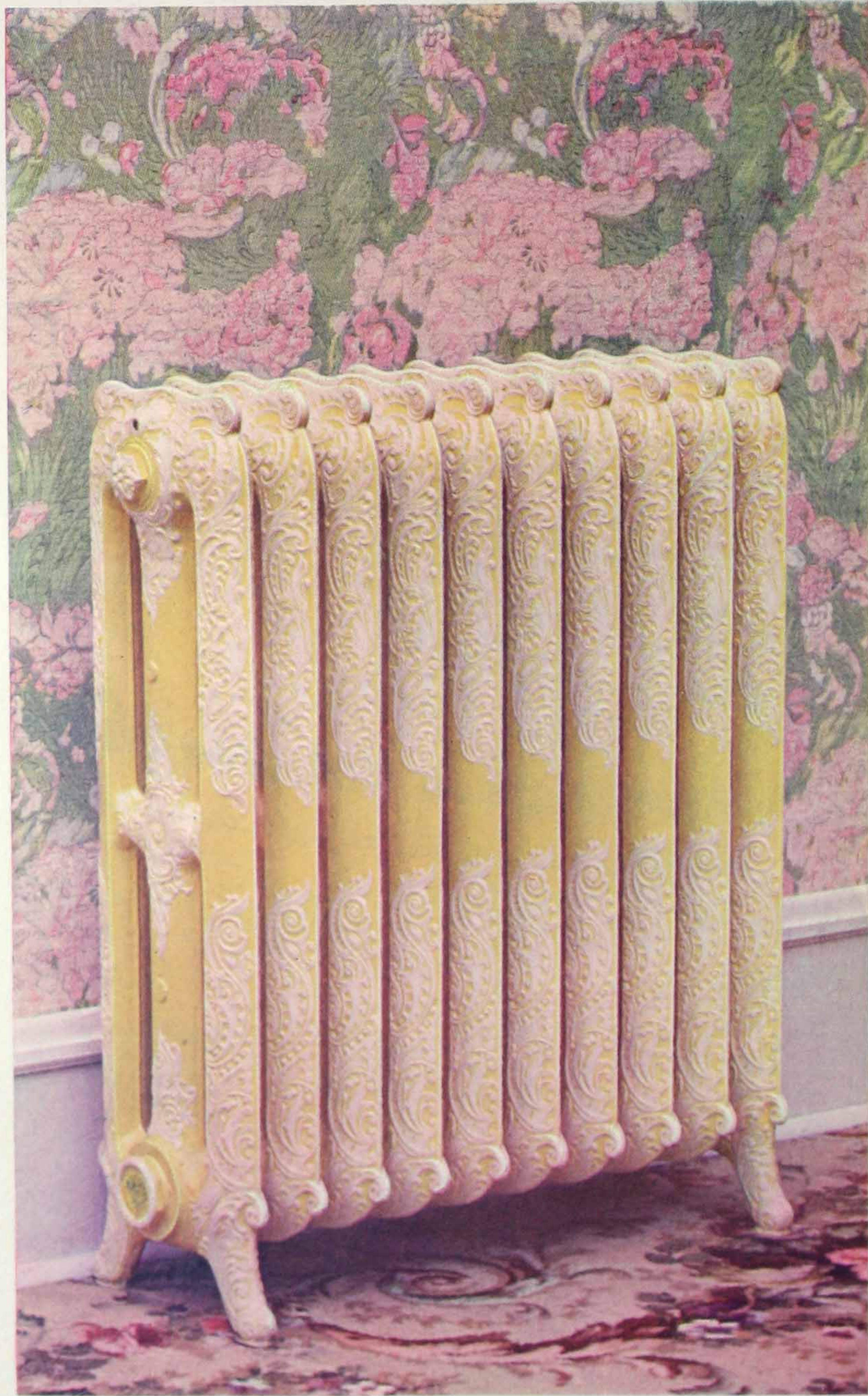
It is a very simple matter to shut off, or partly, the outside supply of air should extreme weather make it advisable to do so, and the radiator for the moment operates solely as a direct radiator. This latter condition, however, is a rare experience.



**Direct-Indirect Radiator.**

Air is brought in from the outside, through iron conduit, passing through wall, and is warmed by coming in contact with Radiator surfaces before entering the room.



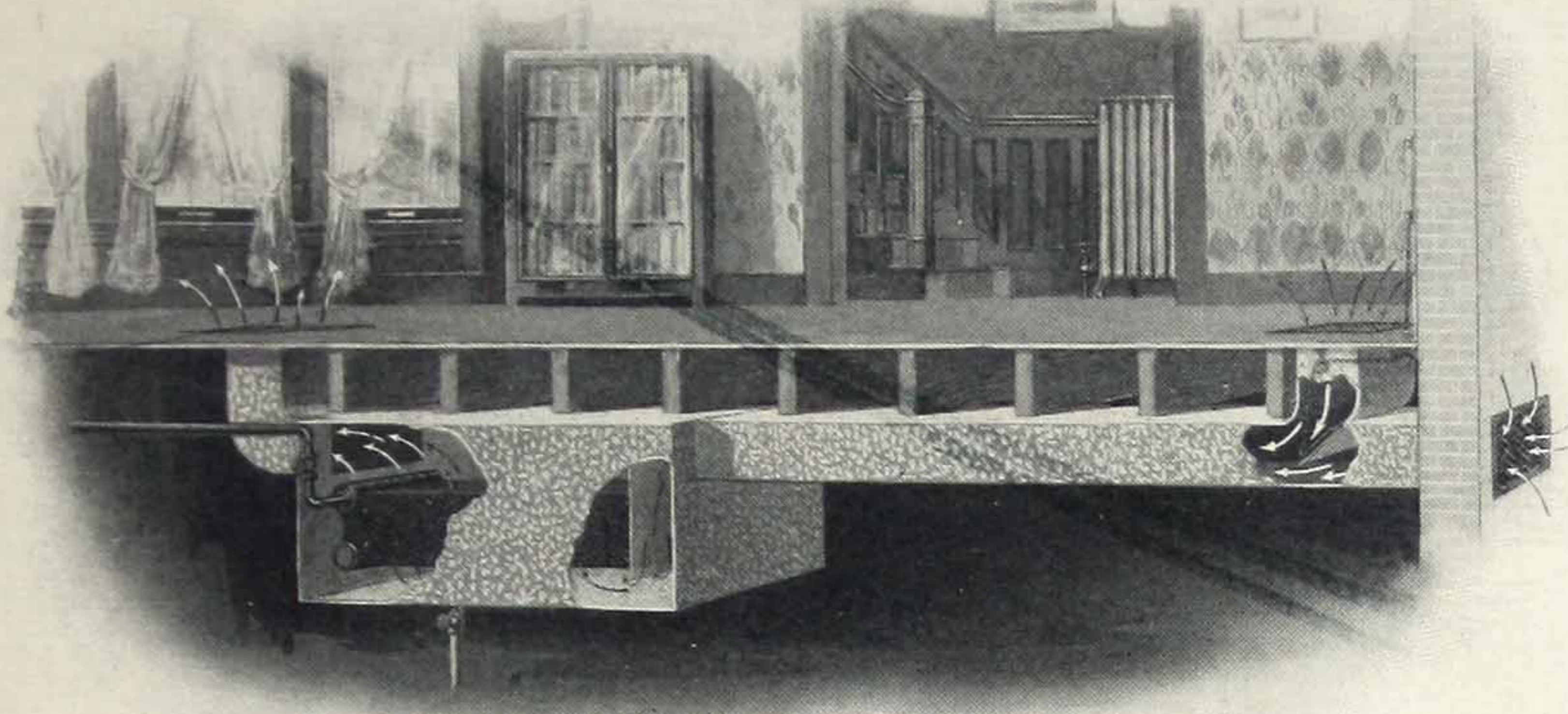


### Rococo Ornamental pattern of American Radiators.

In a room having a number of delicate, yet bright colors, the Radiator may be utilized to give the room the dash of color needed at that spot; thus treating it as a piece of furniture.



## Indirect Ventilating Radiators

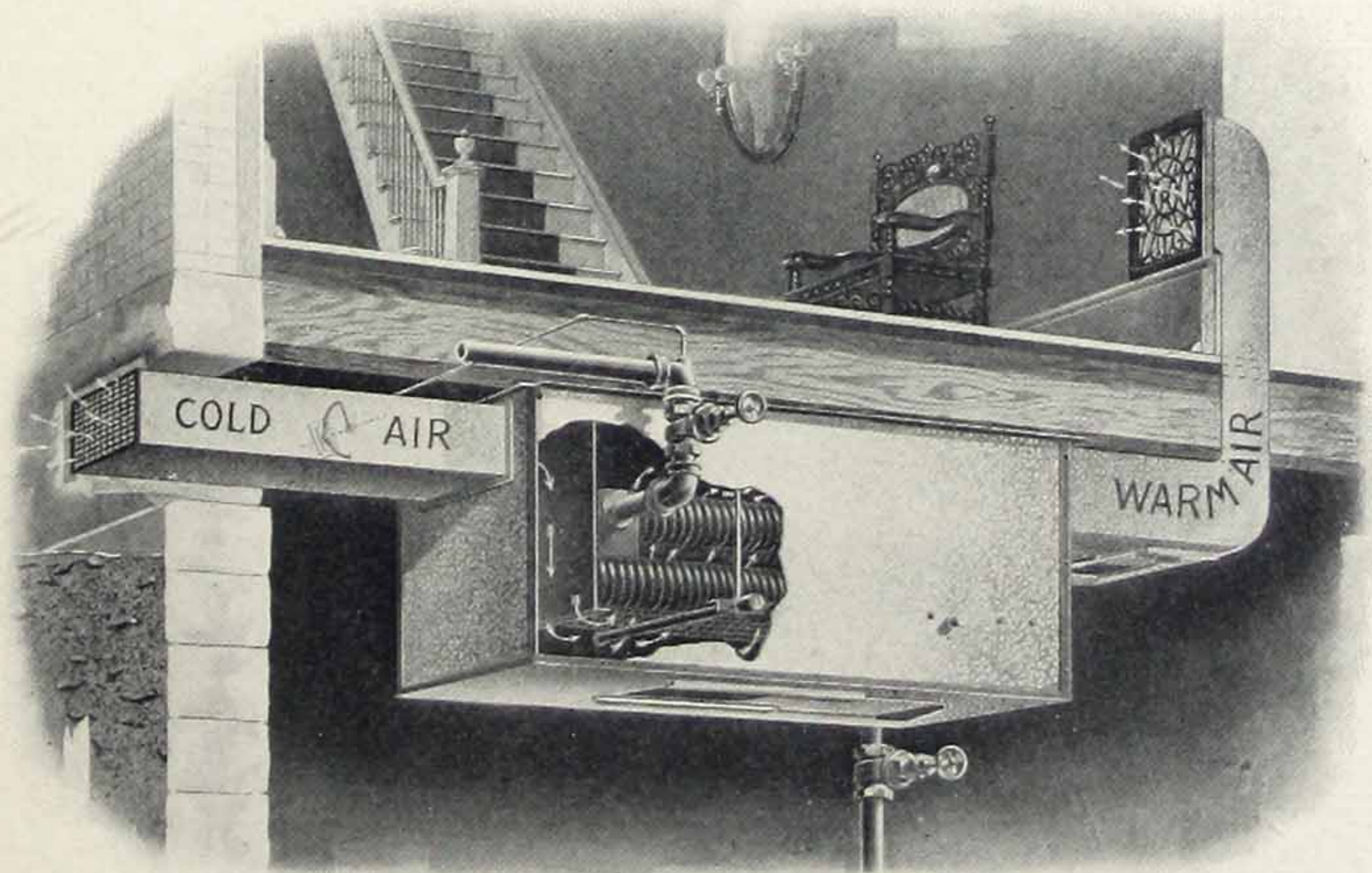


IN THE present day there is an increasing demand for forms of steam and water radiating surfaces which assist the processes of ventilation by warming incoming currents of fresh, outside air.

The air may be changed in a room as many times per hour as the occupants desire, and without creating a draft. Steam and hot water heating afford the only sure means of *uniformly* warming and ventilating. For these purposes we manufacture a large assortment of patterns of Indirect Radiators, for use about as illustrated in engravings herewith presented.

The upper illustration shows a good method for incasing Indirect radiation, and also suggests a simple way to secure rotary circulation of the air in the room when it becomes desirable to shut off the outdoor supply, because of severely stormy weather. Where space in a room is exceedingly limited, this method secures all the benefits of direct warming, by either steam or water, yet substantially places the radiator out of the room.

The lower illustration shows a good method for incasing the Indirect stack and introducing the fresh air through a galvanized iron duct, the warm air being delivered through a side wall register.

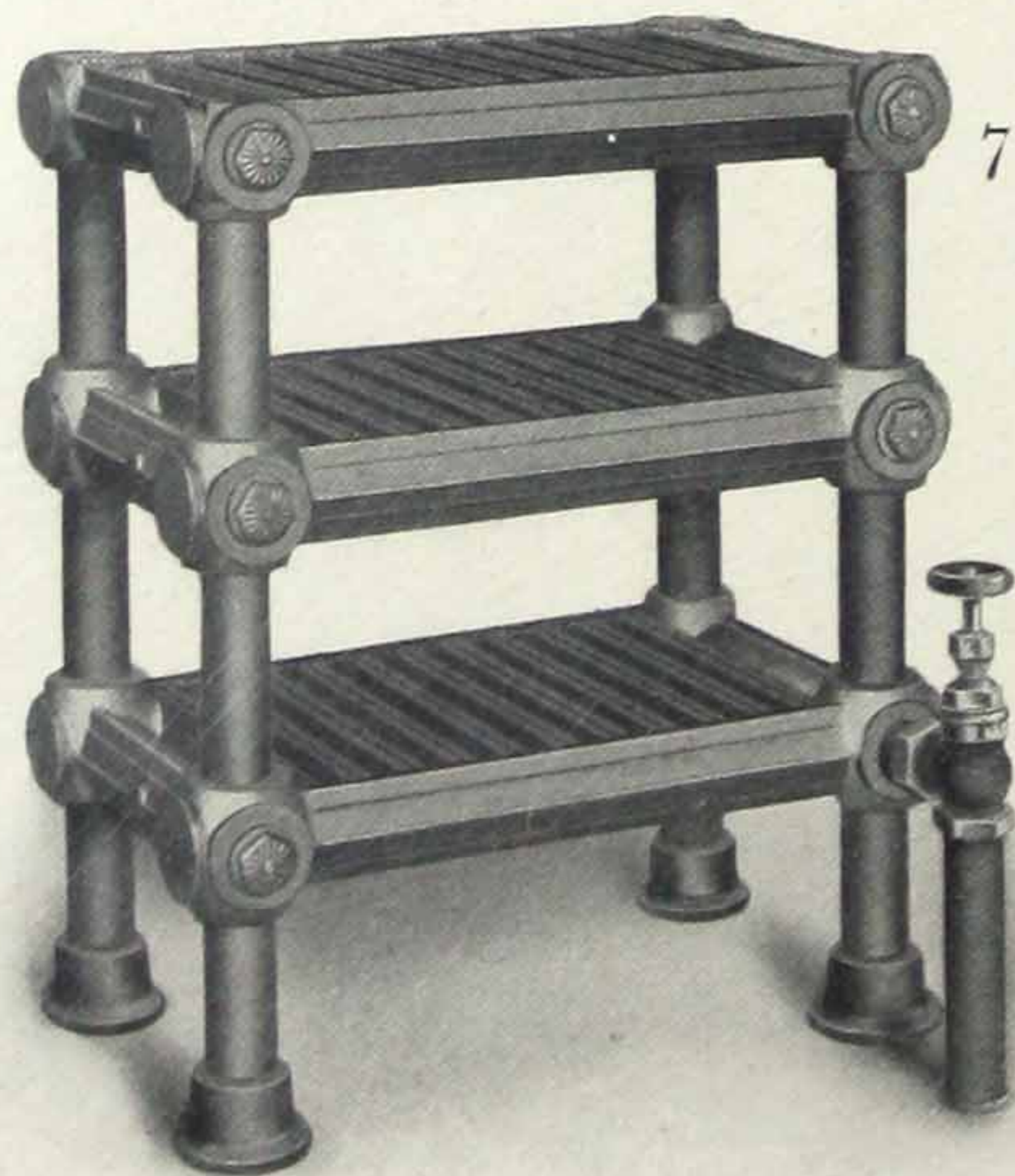




## To Secure Best Radiating Results

**R**ADIATORS yield their highest efficiency under the following conditions:

1. When placed far enough from a wall to allow a free circulation of air over the heating surfaces.
2. Where the changes of air in the rooms are frequent. (Four changes of air per hour will cause a radiator to give off more heat than will one change of air.)
3. When equipped with air valves that insure a clearance of all the air in all of the sections.
4. When no shelf or projection is permitted to be placed so close to top of radiator as to obstruct a free flow of air the full width of the sections or full length of the radiator.
5. Radiators should, so far as possible, be placed close to outer doorways, along exposed walls, in vestibules, halls, under windows,—wherever the radiator can most quickly combat the effects of outer chill.
6. When the interior areas are large and unobstructed.



7. When the surfaces of the interior passage-ways are as smooth and burrless as the exterior surfaces—not the least opportunity for friction—"friction" in circulation means loss of heat—wasted fuel.
8. A correct, *uniform thickness* of casting ensures the highest degree of radiant efficiency.

### Colonial Pantry pattern of American Radiators.

For residence pantries, or, in larger sizes, for hotel and restaurant kitchens, to keep dishes ready-warm.



## Remodeling Old Heating Outfits

PEOPLE often replace old furniture with up-to-date, convenient models,—why not radiators as well? It is done with comparative ease.



National Two-Column pattern of American Radiators.

The decorative treatment of this Radiator makes it an object of interest in itself. It has the decorative value of a picture, a rug, or a piece of drapery.

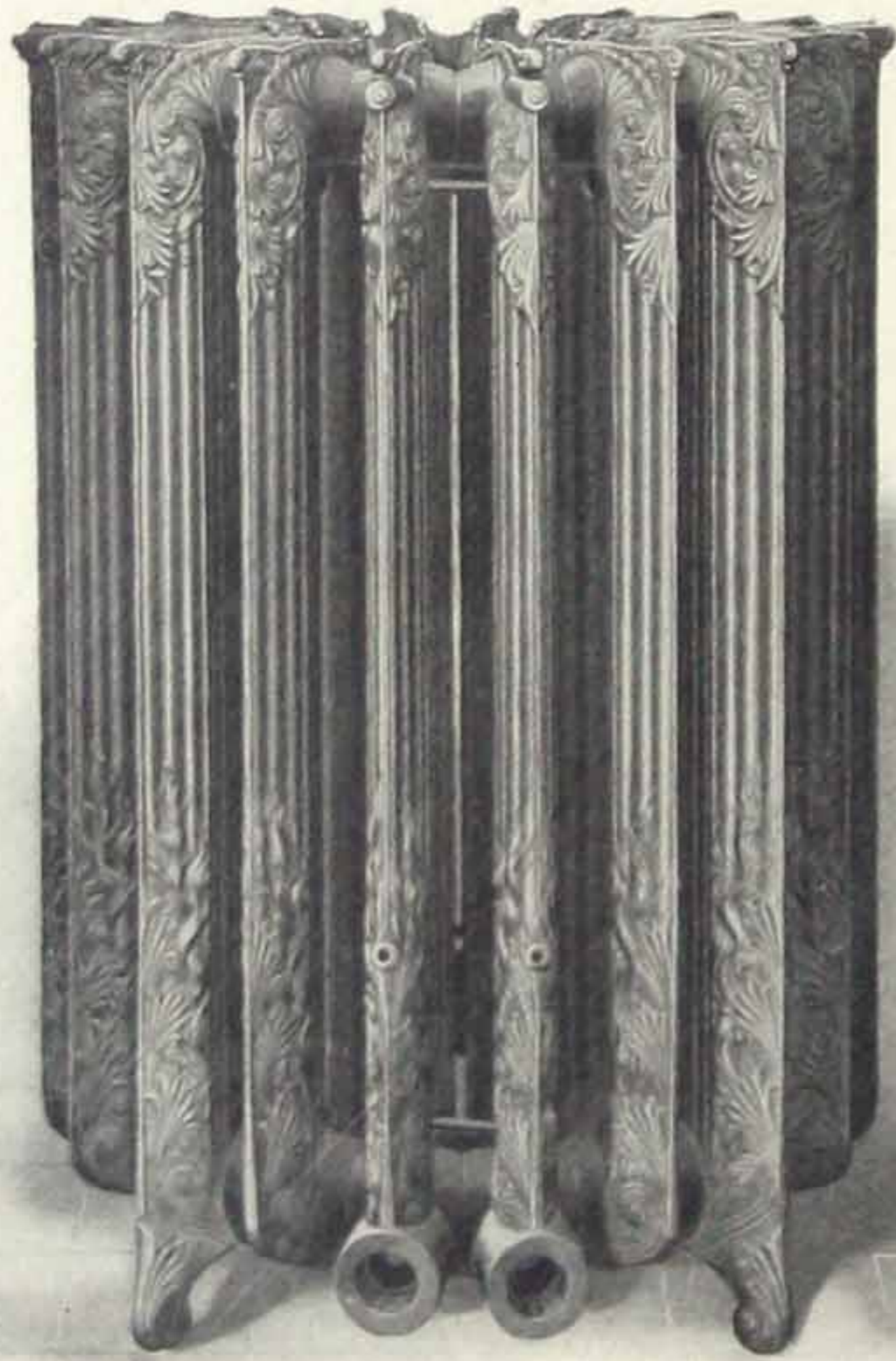


## Unit or Sectional Construction

ALL patterns of AMERICAN Radiators are made upon the unit or sectional plan. If therefore, the structure in which they are placed should be rebuilt (65% of all buildings are remodeled) or should any of the rooms be altered in size, sections may be added or removed to exactly meet the modified heating requirements. Unlike stoves and hot air furnaces, any AMERICAN Radiator or IDEAL Boiler may at any time be easily and quickly changed in size. This feature makes them a strong factor in the way of a building investment which never deteriorates.

As IDEAL Boilers and AMERICAN Radiators do not rust or corrode, they will outlast the building.

It may also be said that a heating plant is of unit construction, for any one or more of the radiators can be turned on or off as the heating needs demand. The guest chamber is at a moment's notice made comfortable by the turn of the radiator valve—or the radiators in any temporarily unused rooms may be turned off and the heat (fuel) *saved*.



**Detroit Circular pattern of American Radiators.**

We can furnish this pattern in variety of sizes to fit around posts or columns of different diameters.





Perfection Ornamental pattern of American Radiators.

Decorated in strongly contrasting colors for Billiard Room, Theatre Lobby, Hallway or the like, where forceful effects are desired.



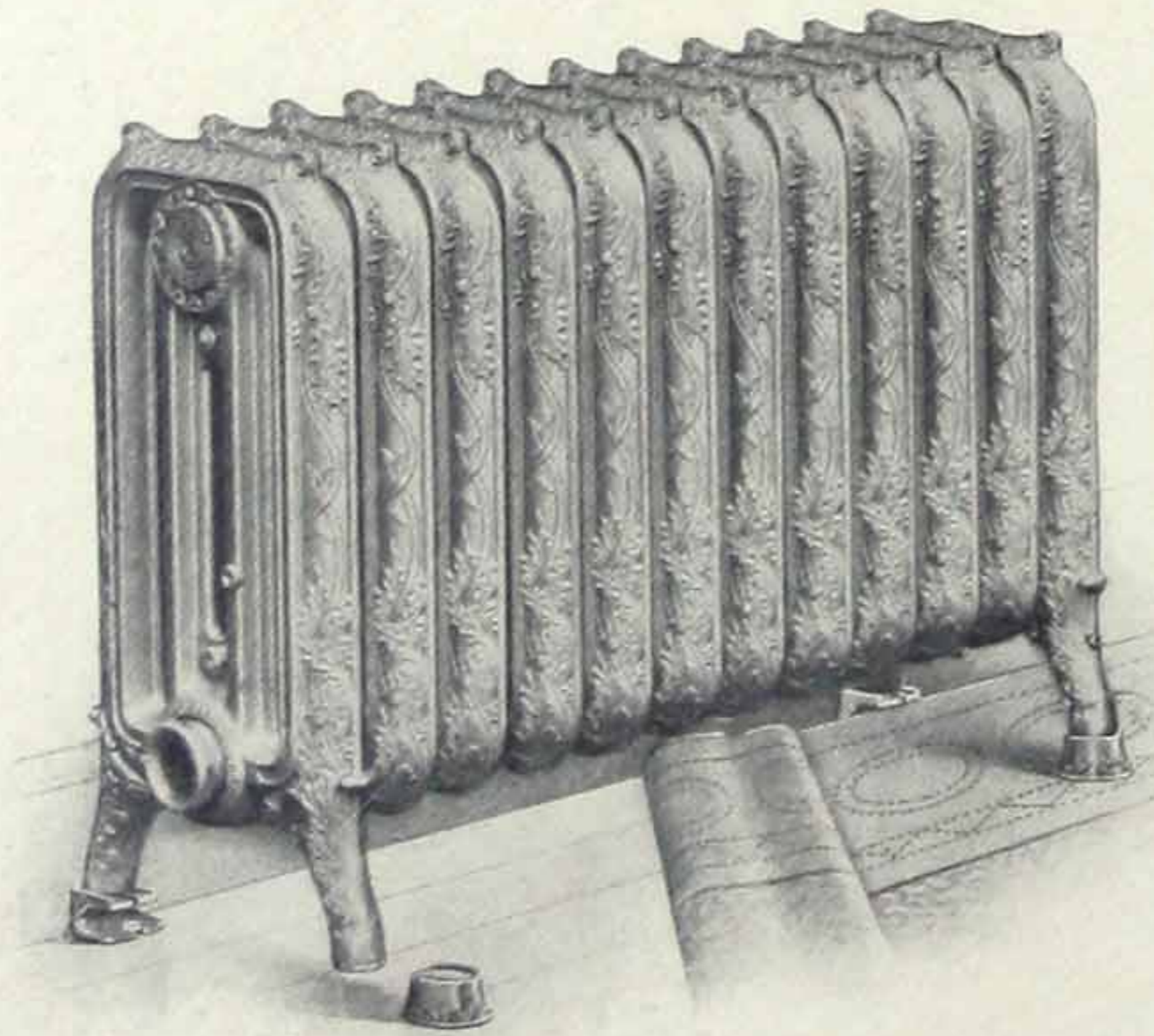
## The Basis of Radiator Value

**R**ADIATORS are sold on the basis of the number of square feet of heating surface each section contains. AMERICAN Radiators are guaranteed to contain the full heating surfaces at which they are catalogued.

Those radiator surfaces are most valuable which present the largest portion of their surface directly to the surrounding air—they thus radiate more freely and efficiently. In consequence, the heating surfaces of Single, Two, Three and Four Column Radiators are valued in the order here specified.

AMERICAN Radiators are made in heights from 13 inches to 45 inches and in widths from  $3\frac{1}{2}$  inches to  $12\frac{3}{4}$  inches. The lower the height of a radiator, or the more narrow it is in width, the larger the proportionate amount of labor necessary to produce it. The price is based accordingly.

The exactness and finish of the reaming, tapping and machining of the sections is of utmost importance, as well as is the method of forming the joints between sections, so that the radiators shall always remain absolutely tight. Guiding nibs, rods, plugs and bushings are highly important details. AMERICAN Radiators are pre-eminent in all minor as well as in all main features.



**National Four-Column pattern of  
American Radiators.**

Illustration shows Radiator equipped with "foot-ups" or pedestals, which save cutting carpet or displacing the Radiator to take up carpet.



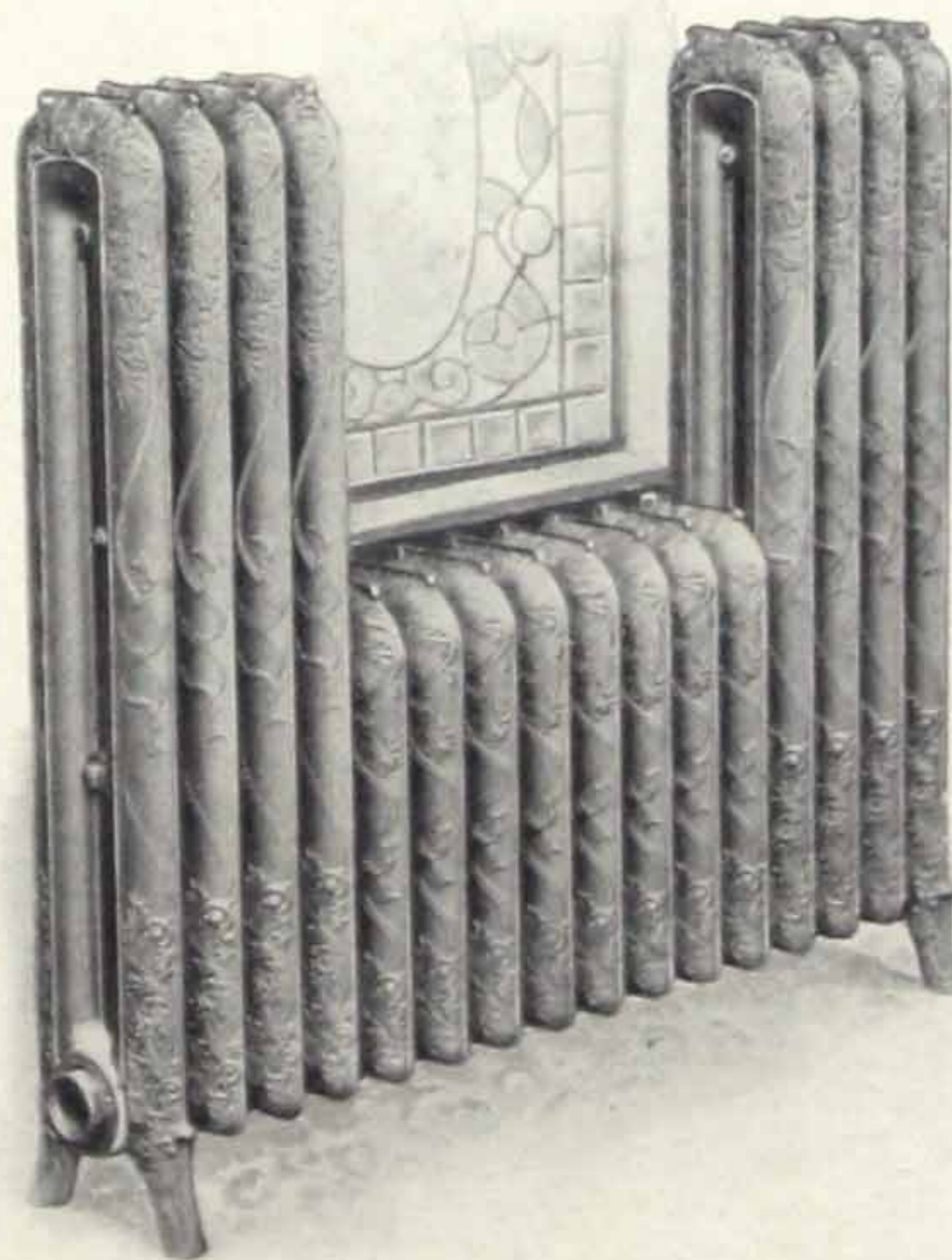
## The Basis of Radiator Value

Continued

THE PUBLIC is not asked to pay one penny more because of the few—very few—patents owned by us. Our protection from imitation is the matchless equipment of labor-saving machinery devised by our engineers and machinists, which permit us to make radiators all that radiators should be, and at lowest possible prices—far less in price per pound than the figures asked for stove, hot air furnace or kindred iron castings.

The daily contact with heating engineers and fitters, at our numerous Branches and through our corps of traveling salesmen, covering two Continents, enables us to arrive at the most progressive ideas, practices and requirements of the heating trade. Our goods may therefore, be said to concentrate the ripest ideas and the accumulated wide experience of the heating fraternity.

The quality of materials used and the rigorous factory tests ensure the reliability and the durability of AMERICAN Radiators. With ordinary care, they should easily outlast the building, as there is no appreciable wear upon the radiators.



National Two-Column Window pattern of  
American Radiators.

We make a number of patterns of this form and in many heights and sizes, to fit about windows.



## Where American Radiators are Installed

**D**OING so extensive an annual business, it would be both a difficult and needless task to preserve and publish a list of buildings equipped with our product. It would be too exhaustive and perhaps exhausting to the reader.

It may be well to state that AMERICAN Radiators are doing most effective work in warming such residences as the WHITE HOUSE, The Elysee Palace (home of the President of France), Marlborough House (residence of Edward VII), Palace of the Crown Prince of Japan, Summer Palace of the Czar of Russia, and in the residences of many, many thousands of other dignitaries and of prominent officials, business men and citizens.

They are also used in thousands of public buildings, sky scrapers, hotels, apartment buildings, universities, schools, hospitals, churches, men-of-war and passenger vessels, yachts, railroad coaches, and in business buildings of all kinds and character.



**Broad and Wall Streets, New York.**

The fact that this array of imposing buildings, standing in a district where property owners demand the very best of equipment, is each heated with AMERICAN Radiators, constitutes very forceful testimony to the value and reliability of our product.

In this way AMERICAN Radiators have secured the substantial endorsement of the leading heating engineers, contractors and plumbers throughout the world.



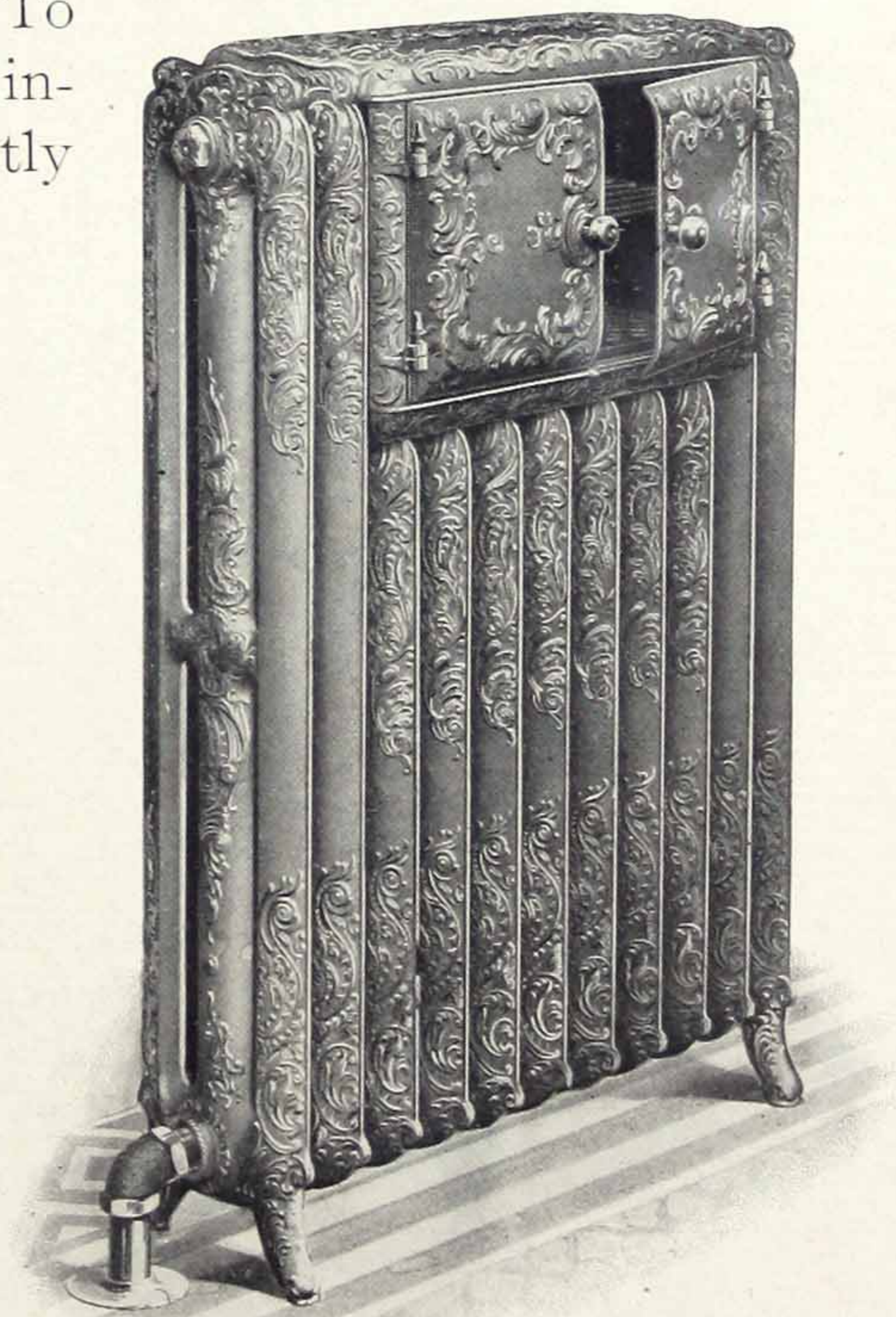
## Where American Radiators are Installed

Continued

**B**UT greater than all these to us is the fact that our product is annually being introduced into many thousands of cottage homes, so that the humblest householders may enjoy the comforts and economies they yield.

AMERICAN Radiators received the highest award at the CHICAGO WORLD'S FAIR and received the GRAND PRIX at the PARIS EXPOSITION UNIVERSELLE, 1900 and ST. LOUIS WORLD'S FAIR, 1904, which Grand Prizes in each instance was the only one awarded to anyone in the world exhibiting radiators or house-heating boilers.

Our special aim is, to so continue to simplify and make most efficient the line of AMERICAN Radiators that no home, however modest its size, can afford to be without them. To this end we invite consideration and investigation of our product, and earnestly and cordially solicit correspondence.



**Rococo Ornamental Dining Room pattern of  
American Radiators.**

Can a housewife fail to appreciate the practical value of this form of Radiator, which serves in the double capacity of warming the room and serving as a food and dish warmer.





Perfection Ornamental pattern of American Radiators.

When the Radiator covers considerable space, it is wise to finish it in the prevailing color of the decoration. In the accompanying illustration it is rendered unobtrusive in the above suggested manner.



## The Idea Back of IDEAL Boilers

IS TO GIVE the comfort seeker the fullest sense of comfort with the least sense of apparatus—the most satisfying results at the least expense of fuel and labor—with freedom from repairs, and a durability equal to the life of the buildings in which they are erected. IDEAL Boilers fill those requirements exactly—and more.

Every inch of heating surface exacts its full quota of heat, only to impart it to the water, which is ever at hand to hurry it along through the hollow walls of the boiler and through the piping to the hollow, beautifully ornamented, graceful AMERICAN Radiators stationed in the rooms above.

We make boilers on the exact,—the specific plan,—boilers specially for water—boilers specially for steam—boilers specially for hard coal—for soft coal—for coke—for wood—boilers in which oil and gas may economically be burned—boilers for large buildings—for medium buildings—for cottages—for domestic water heating—for greenhouse heating—for many purposes specifically.

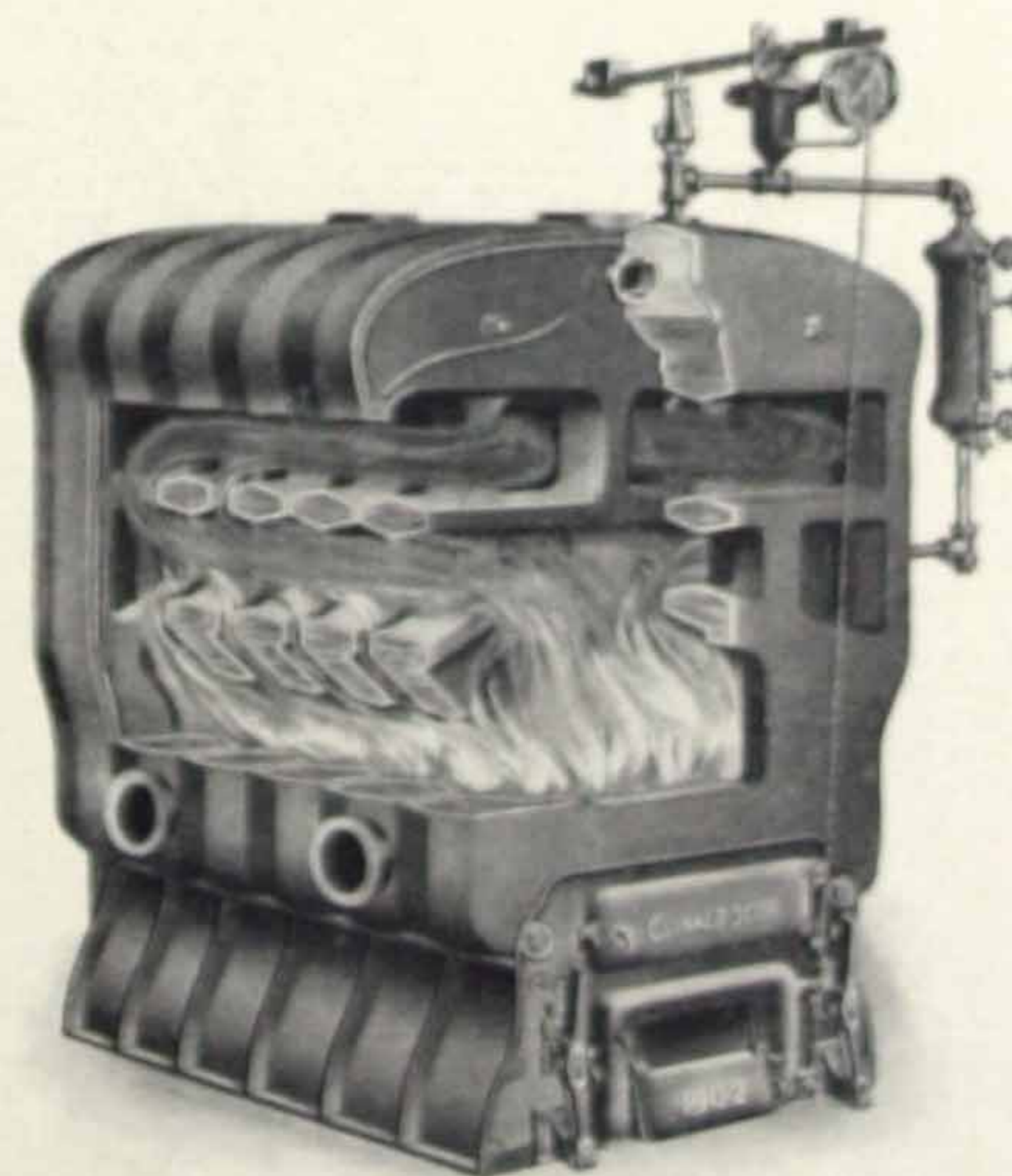
IDEAL Boilers invariably give satisfactory results to the householder, because it is not to our interest to urge upon him a boiler which may do the work, but rather assist him to select the particular

type and size of boiler exactly suited to his needs. Please send for our complete catalogue of IDEAL Boilers.



IDEAL Premier Steam Boiler.

Illustrating one of a number of types of IDEAL Round Boilers.



IDEAL Sectional Steam Boiler.

Broken view of one of a number of types of IDEAL Sectional (Square) Boilers.



## To Secure Correct Heating

**T**HE BEST results are obtained by employing experienced, reputable dealers to locate the radiators properly and determine the correct proportions of heating surface,—best suited to the character and construction of the building and its exposure to the elements, according to the exposure of each room to prevailing cold winds; the use to which each room is to be put; the amount of window or glass surface the room contains; the relations of one room with another; how often it is necessary to change air to suit the needs of the several occupants, etc., etc.

A correctly installed steam or water heating outfit is a modern convenience and economy which pays highest dividends in comfort. You make your own weather in your own home by a turn of the valve—make June of January—and the fuel and labor savings pay in time for the outfit.

## How to Order

By specifying or ordering AMERICAN Radiators (and, where convenient, giving also the name of any special patterns you prefer, as shown by the titles under the illustrations in the foregoing pages), you have the assurance that you are buying the very best Radiators made, which are certain to give you in the end full satisfaction, and lasting value for the price paid. Any slight extra cost in buying the best heating outfit will be more than offset by the comfort and the economies thus secured.

The heating contractor or plumber who is successful in securing your contract, will, without any delay or difficulty whatever, be able to secure IDEAL Boilers and AMERICAN Radiators at all times of the year, as they are warehoused and sold all over the world.



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CCA





AMERICAN RADIATOR COMPANY

ART  
COMFORT  
PURENESS  
ECONOMY



RADIATION  
AND  
DECORATION