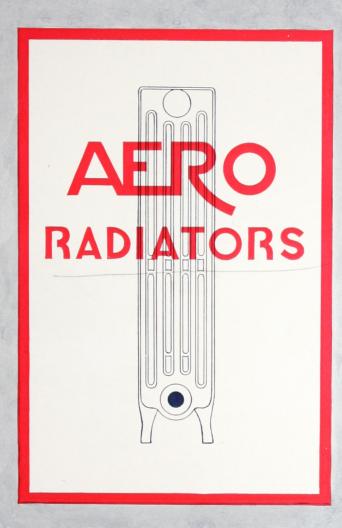
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# AERO RADIATORS

Beauty and Warmth



CATALOG 34

### NATIONAL RADIATOR COMPANY

JOHNSTOWN, PA.

PLANTS

Johnstown, Pa., New Castle, Pa., Trenton, N. J.

BRANCH OFFICES

New York Philadelphia Baltimore Washington Richmond Pittsburgh Cincinnati Cleveland

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# Why Aero?

I S IT necessary for a radiator to be unsightly? Is it necessary for a line of radiators to be so large that it is almost prohibitively expensive for the jobber to carry a sufficient stock to fill orders immediately; and so complex that selection is difficult for the customer?

Is it necessary that part of the radiation area be ineffective, because of constricted air passages?

Engineers in the National Radiator Company have answered these questions in the negative by designing the Aero line.

This is one of the most notable innovations in the radiator field. Its beauty has shown women — who heretofore considered radiators unsightly necessary evils — that a radiator can be an attractive addition to the furnishings of the home.

Decreased water content (50%) less than the ordinary radiator) and a large ratio of air space to radiation area gives high efficiency. These changes represent the latest development in radiator construction. That the principles are sound is proved by the fact that over 8,000,000 feet of Aero radiation are now in use, and are giving unqualified satisfaction.

The line has been reduced to three patterns and fourteen heights, with a standard section used throughout. The radiators are tapped top and bottom, both ends, and so may be used on steam, vapor, hot water, or any

other approved heating system.

This combination of desirable qualities, in a line which every jobber can stock adequately and so ship immediately, results in quick turnover, easy sales, and satisfied customers.

# Beauty

THE graceful slenderness, the pleasing proportions, the fine lines of Aero radiators all contribute to make them highly attractive; in fact, they have been conceded by many to be the most beautiful radiators ever made.

The importance of this good appearance cannot be over-estimated. As the standard of living in America has risen, people are more and more demanding that the furnishings of their home be in quiet, good taste, harmonious, and convey an impression of refinement. The day has passed when utility was the sole quality sought; now beauty is equally in demand.

Heretofore, radiators often struck a discordant note in a well furnished room. Women, who specify most of the purchases of furnishings for the home, took small interest in them, for there was little choice — one was as unattractive as the other. Now, however, women who have seen the new Aero are broadcasting the message that here is a warming device that will harmonize with the most tastefully decorated room — will be an attractive addition to the furnishings.

There is another point, too, that is highly important —

that of small width. The growing number of apartment houses, with their limited space

— the trend towards small homes, with the same lack of space — has led to a necessity to conserve as much as is possible the area occupied by heating devices. The old, bulky radiators were unsatisfactory. Their place has been ably filled by the slender Aero. Beauty and compactness are a combination which means quick and easy sales. The Aero line gives them to you.

imber space th the

## Effectiveness

EATING authorities unite in criticizing the old type of cast iron radiator construction, because the constricted air space reduces the effectiveness of the heating surface. Because of this, the listed radiator area gave no accurate indication of the performance which could be expected.

A glance at the ordinary radiator, and a condensation test — the true gauge of the effectiveness of a radiator — will show that the criticism of this type of construc-

tion is just.

In designing the Aero line, therefore, the engineers sought a construction in which there would be a proper relation between radiation area and air space, and attained it. The barrels are small —  $1\frac{3}{8}$  inches wide — and the air spaces between barrels are  $1\frac{1}{8}$  inches wide. This ratio has proved itself satisfactory, and permits the air to circulate freely.

The large air spaces also permit easy cleaning—a point that appeals greatly to women. The old radiators were notorious for the difficulty encountered when an attempt was made to clean them. The narrow, confined spaces between barrels and sections collected dirt and dust which could not be easily removed, and fur-

nished a breeding place for germs.

Smaller barrels cut the water content

in half, saving fuel and labor.

This new type of construction proves its worth as soon as a condensation test is made. On these, the Aero shows a maximum efficiency as compared with any other form of radiator construction. Its heating effectiveness delights all users, and installations of Aero radiators result in permanently satisfied customers.



# Simplification

THREE patterns and fourteen heights constitute the entire Aero line. The three and five-column radiators each are made in four, and the seven-column in six, heights. When it is considered that the average standard line consists of 40 to 50 different heights, this simplification appears as a real achievement.

The length of all sections is  $2\frac{1}{2}$  inches. The widths are shown below, contrasted with the widths of the usual

old type radiator.

(Standa Inches	
1 Column 5½	
2 Column	
3 Column 9	$5\frac{1}{16}$
4 Column	
5 Column	83/8
7 Column	12

These figures show how the Aero radiators can be substituted for old style types (either standard or window type, as the heights range from 12 to 36 inches) with less columns. The section sides are parallel, and the legs not flared.

All sections are tapped 1½ inches top and bottom both ends. The top tappings are plugged, and the bottom ones bushed to any size desired. Only one type of leg section is used. All roughing in measurements are from the floor to the center of the tapping boss, both feed and return. With a comprehensive yet simplified line, comprised of radiators which may be used on hot water, steam, or vapor systems, the dealer is assured quick shipment of orders, easier selection for customers, and more rapid turnover.



## Costs

As THE Aero Radiator line is an innovation so far as appearance and efficiency go, so is it in price. With all its attractiveness—its effectiveness—its easy salability—this line is sold at the standard cost sheet basis. No premium is charged.

With their many points of superiority, these radiators would naturally be expected to sell at a higher price. However, costs have been reduced to the absolute minimum permitted by the standards of material and workmanship set, and the profits placed at a low figure. This makes it possible to sell at the list price.

Even at a premium, Aero would be a profitable line. At the standard price, it is a rich source of profit. Consider—there are no separate models for the various heating systems. Any Aero radiator can be used on steam, hot water, vapor, or other approved heating system.

The fact that all the models are slender, graceful and beautiful, and will really be attractive additions to the furnishings of any room, helps greatly in making quick sales. Customers do not hesitate after seeing the Aero—they at once recognize it as a superior product.

Then there are only three patterns and fourteen heights in the entire line — about one-third the usual number which in the past has been considered standard.

The resulting small stock means easier selection for your

customers, and quicker turnover. You need not be told the importance of this, or how much more profitable a quick moving, easy selling article is to you.

Aero radiators mean satisfied customers and larger profits.



Is it attractive?

Is it effective?

Is the price right?

THESE are all questions which every prospect asks himself, consciously or unconsciously, before deciding to buy. When your product is such that all three of the questions can be answered in the affirmative—your sale is made.

Such a product is the Aero line of radiators. Their slender beauty of line and proportion make them irresistibly attractive to women, who have the greatest voice in specifying the furnishings for the home. Heretofore women concerned themselves little with the radiators, simply because there was little to choose, so far as appearance went, between the various types.

With the coming of the Aero, however, women have found that radiators can be decorative as well as useful; and Aeros are getting the women's vote.

The question of effectiveness is one which usually interests men. No technical training is required on the part of your customers to enable them to see why the Aero, with its large air spaces, and small barrels, its 100% effective radiation surface, is the most efficient of radiators. And you, knowing that the promise given by the correct construction is fulfilled by the performance, can unhesitatingly add your assurance that the radiator will furnish the heat required.

The price on the Aero is right it is sold at standard prices. All these exclusive features, without any premium charge, make Aero radiators a real bargain.



#### Three-Column Radiator

This model is especially adapted to use in the small home, apartment, school building, or any place where space is limited

The graceful slenderness and pleasing proportions of this radiator make it harmonize perfectly with the furnishings of the most dainty room; it is more than a mere heating device — it is actually an attractive piece of furniture.

In common with the other models of the Aero line, this radiator is highly efficient — due to its correct design, which incorporates a large ratio of air space to radiation area. This feature also brings about another desirable feature — it is easy to clean between the sections, and underneath.

#### AERO Three-Column Radiators SIZES AND RATINGS

			Square Feet - I	Heating Surface	
No. of Sections	*Length 2½-in. per Sec.	36-in. Height 32/3 Sq. Ft. per Sec.	30-in. Height 3 Sq. Ft. per Sec.	26-in. Height 22/3 Sq. Ft. per Sec.	20-in. Height 134 Sq. Ft. per Sec.
2 3 4 5 6	$ \begin{array}{c} 5\\7\frac{1}{2}\\10\\12\frac{1}{2}\\15\end{array} $	$7\frac{1}{3}$ $11$ $14\frac{2}{3}$ $18\frac{1}{3}$ $22$	6 9 12 15 18	$   \begin{array}{c}     5\frac{1}{3} \\     8 \\     10\frac{2}{3} \\     13\frac{1}{3} \\     16   \end{array} $	$ \begin{array}{r} 3\frac{1}{2} \\ 5\frac{1}{4} \\ 7 \\ 8\frac{3}{4} \\ 10\frac{1}{2} \end{array} $
7 8 9 10 11	$   \begin{array}{c}     17\frac{1}{2} \\     20 \\     22\frac{1}{2} \\     25 \\     27\frac{1}{2}   \end{array} $	$\begin{array}{c} 25\frac{2}{3} \\ 29\frac{1}{3} \\ 33 \\ 36\frac{2}{3} \\ 40\frac{1}{3} \end{array}$	21 24 27 30 33	$   \begin{array}{c}     18\frac{2}{3} \\     21\frac{1}{3} \\     24 \\     26\frac{2}{3} \\     29\frac{1}{3}   \end{array} $	$   \begin{array}{c}     12\frac{1}{4} \\     14 \\     15\frac{3}{4} \\     17\frac{1}{2} \\     19\frac{1}{4}   \end{array} $
12 13 14 15 16	$\begin{array}{c} 30 \\ 32\frac{1}{2} \\ 35 \\ 37\frac{1}{2} \\ 40 \end{array}$	44 47 <sup>2</sup> / <sub>3</sub> 51 <sup>1</sup> / <sub>3</sub> 55 58 <sup>2</sup> / <sub>3</sub>	36 39 42 45 48	$   \begin{array}{r}     32 \\     34\frac{2}{3} \\     37\frac{1}{3} \\     40 \\     42\frac{2}{3}   \end{array} $	$\begin{array}{c} 21 \\ 22\sqrt[3]{4} \\ 24\sqrt[1]{2} \\ 26\sqrt[1]{4} \\ 28 \end{array}$
17 18 19 20 21	$\begin{array}{c} 42\frac{1}{2} \\ 45 \\ 47\frac{1}{2} \\ 50 \\ 52\frac{1}{2} \end{array}$	$62\frac{1}{3}$ $66$ $69\frac{2}{3}$ $73\frac{1}{3}$ $77$	51 54 57 60 63	$45\frac{1}{3}$ $48$ $50\frac{2}{3}$ $53\frac{1}{3}$ $56$	$\begin{array}{r} 29\sqrt[3]{4} \\ 31\sqrt[1]{2} \\ 33\sqrt[1]{4} \\ 35 \\ 36\sqrt[3]{4} \end{array}$
22 23 24 25 26	55 57½ 60 62½ 65	$80\frac{2}{3}$ $84\frac{1}{3}$ $88$ $91\frac{2}{3}$ $95\frac{1}{3}$	66 69 72 75 78	$58\frac{2}{3}$ $61\frac{1}{3}$ $64$ $66\frac{2}{3}$ $69\frac{1}{3}$	$   \begin{array}{r}     38\frac{1}{2} \\     40\frac{1}{4} \\     42 \\     43\frac{3}{4} \\     45\frac{1}{2}   \end{array} $
27 28 29 30 31 32	$   \begin{array}{c}     67\frac{1}{2} \\     70 \\     72\frac{1}{2} \\     75 \\     77\frac{1}{2} \\     80   \end{array} $	$\begin{array}{c} 99 \\ 102\frac{2}{3} \\ 106\frac{1}{3} \\ 110 \\ 113\frac{2}{3} \\ 117\frac{1}{3} \end{array}$	81 84 87 90 93 96	$ 72 74\frac{2}{3} 77\frac{1}{3} 80 82\frac{2}{3} 85\frac{1}{3} $	$47\frac{1}{4}$ $49$ $50\frac{3}{4}$ $52\frac{1}{2}$ $54\frac{1}{4}$ $56$

<sup>\*</sup>Add 1/2 inch to length for each bushing.

Width of feet,  $5\frac{1}{16}$  inches. Width of section,  $5\frac{1}{16}$  inches.

Height from floor to center of tapping boss, both feed and return, for steam

and water, 4½ inches.

Aero Three-Column Radiators are tapped 11/2 inches top and bottom both bottom with Heavy Malleable Iron Push Nipples and are vented for both Steam and Hot Water. They consequently can be used on any kind of a Steam, Vapor or Hot Water Heating System.

Aero Radiators are furnished legless or with legs 6 inches from floor to center of tapping boss when ordered.



### Five-Column Radiator

This is an extremely popular model, with a wide field of use, in homes, schools, and apartments. Its heating capacity is sufficiently great to make it adequate for any but very large rooms.

Its greater width has given 35% more radiation area than is present in the three-column type, but with no sacrifice of beauty or grace.

Here, as in the other models, the small barrels and large air spaces contribute to high efficiency. The water content is approximately half that of an equivalent old type of radiator.

#### AERO Five-Column Radiators SIZES AND RATINGS

No. of Sections	*Length 2½-in. per Sec.	36-in. Height 5 Sq. Ft. per Sec.	30-in. Height 4 Sq. Ft. per Sec.	26-in. Height 3¾ Sq. Ft. per Sec.	20-in. Height 3 Sq. Ft per Sec.
2 3 4 5 6	5 7½ 10 12½ 15	10 15 20 25 30	8 12 16 20 24	$7\frac{1}{2}$ $11\frac{1}{4}$ $15$ $18\frac{3}{4}$ $22\frac{1}{2}$	6 9 12 15 18
7 8 9 10 11	$   \begin{array}{c}     17\frac{1}{2} \\     20 \\     22\frac{1}{2} \\     25 \\     27\frac{1}{2}   \end{array} $	35 40 45 50 55	28 32 36 40 44	$ \begin{array}{c} 26\frac{1}{4} \\ 30 \\ 33\frac{3}{4} \\ 37\frac{1}{2} \\ 41\frac{1}{4} \end{array} $	21 24 27 30 33
12 13 14 15 16	$ \begin{array}{r} 30 \\ 32\frac{1}{2} \\ 35 \\ 37\frac{1}{2} \\ 40 \end{array} $	60 65 70 75 80	48 52 56 60 64	45 483/4 521/2 561/4 60	36 39 42 45 48
17 18 19 20 21	$\begin{array}{c} 42\frac{1}{2} \\ 45 \\ 47\frac{1}{2} \\ 50 \\ 52\frac{1}{2} \end{array}$	85 90 95 100 105	68 72 76 80 84	6334 671/2 711/4 75 783/4	51 54 57 60 63
22 23 24 25 26	$\begin{array}{c} 55 \\ 57\frac{1}{2} \\ 60 \\ 62\frac{1}{2} \\ 65 \end{array}$	110 115 120 125 130	88 92 96 100 104	82½ 86¼ 90 93¾ 97½	66 69 72 75 78
27 28 29 30 31 32	$   \begin{array}{c}     67\frac{1}{2} \\     70 \\     72\frac{1}{2} \\     75 \\     77\frac{1}{2} \\     80   \end{array} $	135 140 145 150 155 160	108 112 116 120 124 128	$ \begin{array}{c} 101\frac{1}{4} \\ 105 \\ 108\frac{3}{4} \\ 112\frac{1}{2} \\ 116\frac{1}{4} \\ 120 \end{array} $	81 84 87 90 93 96

\*Add 1/2 inch to length for each bushing.

Width of feet, 83/8 inches.

Width of section, 83/8 inches.

Height from floor to center of tapping boss, both feed and return, for steam

Aero Five-Column Radiators are tapped 1½ inches top and bottom both ends and bushed to sizes required. All radiators are connected at top and bottom with heavy Malleable Iron Push Nipples and are vented for both Steam and Hot Water. They consequently can be used on any kind of a Steam, Vapor or Hot Water Heating System.

Aero Radiators are furnished legless or with legs 6 inches from floor to center

of tapping boss when ordered.



#### Seven-Column Radiator

This radiator may properly be called a concentrated unit. With its seven columns, it is the equivalent in heating effectiveness of two ordinary radiators.

In large rooms, offices, store buildings and other places where several radiators would ordinarily be used, but where limited space or other factors make one preferable, this radiator offers an easy solution to the problem.

Correct design is responsible not only for this unit's high efficiency, but likewise for its attractiveness.

#### AERO Seven-Column Radiators SIZES AND RATINGS

		Square Feet - H	leating Surface	
No. of Sections	*Length 2½-in. per Sec.	36-in. Height 7 Sq. Ft. per Sec.	30-in. Height 6% Sq. Ft. per Sec.	26-in. Height 51/4 Sq. Ft. per Sec.
2 3 4 5 6	$\begin{array}{c} 5\\7\frac{1}{2}\\10\\12\frac{1}{2}\\15\end{array}$	14 21 28 35 42	$ \begin{array}{c} 12\frac{2}{3} \\ 19 \\ 25\frac{1}{3} \\ 31\frac{2}{3} \\ 38 \end{array} $	$   \begin{array}{r}     10\frac{1}{2} \\     15\frac{3}{4} \\     21 \\     26\frac{1}{4} \\     31\frac{1}{2}   \end{array} $
7 8 9 10 11	$   \begin{array}{c}     17\frac{1}{2} \\     20 \\     22\frac{1}{2} \\     25 \\     27\frac{1}{2}   \end{array} $	49 56 63 70 77	$\begin{array}{c} 44\frac{1}{3} \\ 50\frac{2}{3} \\ 57 \\ 63\frac{1}{3} \\ 69\frac{2}{3} \end{array}$	$   \begin{array}{r}     36\frac{3}{4} \\     42 \\     47\frac{1}{4} \\     52\frac{1}{2} \\     57\frac{3}{4}   \end{array} $
12 13 14 15 16	$   \begin{array}{r}     30 \\     32 \frac{1}{2} \\     35 \\     37 \frac{1}{2} \\     40   \end{array} $	84 91 98 105 112	$76$ $82\frac{1}{3}$ $88\frac{2}{3}$ $95$ $101\frac{1}{3}$	$63$ $68\frac{1}{4}$ $73\frac{1}{2}$ $78\frac{3}{4}$ $84$
17 18 19 20 21	$42\frac{1}{2}$ $45$ $47\frac{1}{2}$ $50$ $52\frac{1}{2}$	119 126 133 140 147	$   \begin{array}{c}     107\frac{2}{3} \\     114 \\     120\frac{1}{3} \\     126\frac{2}{3} \\     133   \end{array} $	$   \begin{array}{r}     89\frac{1}{4} \\     94\frac{1}{2} \\     99\frac{3}{4} \\     105 \\     110\frac{1}{4}   \end{array} $
22 23 24 25 26	$\begin{array}{c} 55 \\ 57\frac{1}{2} \\ 60 \\ 62\frac{1}{2} \\ 65 \end{array}$	154 161 168 175 182	$139\frac{1}{3}$ $145\frac{2}{3}$ $152$ $158\frac{1}{3}$ $164\frac{2}{3}$	$ \begin{array}{c} 115\frac{1}{2} \\ 120\frac{3}{4} \\ 126 \\ 131\frac{1}{4} \\ 136\frac{1}{2} \end{array} $
27 28 29 30 31 32	67½ 70 72½ 75 77½ 80	189 196 203 210 217 224	171 1771/3 1832/3 190 1961/3 2022/3	$ \begin{array}{c} 141\frac{3}{4} \\ 147 \\ 152\frac{1}{4} \\ 157\frac{1}{2} \\ 162\frac{3}{4} \\ 168 \end{array} $

\*Add 1/2 inch to length for each bushing.

Width of feet, 12 inches.

Width of section, 12 inches.

Height from floor to center of tapping boss, both feed and return, steam

and water, 41/2 inches.

Aero Seven-Column Radiators are tapped 1½ inches top and bottom both ends and bushed to sizes required. All radiators are connected at top and bottom with Heavy Malleable Iron Push Nipples and are vented for both Steam and Hot Water.

They consequently can be used on any kind of a Steam, Vapor or Hot Water

Heating System.

Aero Radiators are furnished legless or with legs 6 inches from floor to center of tapping boss when ordered.



### Window Radiator

HERE is a window radiator that will delight all those who who have rooms in which this type can be effectively utilized.

This is one of the most difficult of radiators to properly design, as the low height tends to give a squatty appearance. The picture shows how successfully National engineers have solved the problem. Height and width — the size of the barrels — all proportions have been so balanced that the radiator is graceful and beautiful.

Of course the same correct engineering principles have been applied in this as in the other types; the heating effectiveness is high. And the open construction makes it easy to clean between sections, and underneath.

#### AERO Seven-Column Window Radiators SIZES AND RATINGS

		Square Feet — I	Ieating Surface	
No. of Sections	*Length 2½-in. per Sec.	20-in. Height 4½ Sq. Ft. per Sec.	16½-in. Height 3¾ Sq. Ft. per Sec.	13½-in. Height 3¼ Sq. Ft. per Sec.
2	5	9	71/2	61/2
2 3 4 5 6	71/2	13½	111/4	93/4
4	$\frac{10}{12\frac{1}{2}}$	$\frac{18}{22\frac{1}{2}}$	$\frac{15}{18\frac{3}{4}}$	13
5	15	$\frac{2272}{27}$	$\frac{18\frac{74}{22}}{22\frac{1}{2}}$	$16\frac{1}{4}$ $19\frac{1}{2}$
	171/2	311/2	261/4	
7 8	20	36	30	$\frac{22\sqrt[3]{4}}{26}$
9	$\frac{221}{2}$	401/2	333/4	291/
10	25	45	$37\frac{1}{2}$	$\frac{29\frac{1}{4}}{32\frac{1}{2}}$
11	$27\frac{1}{2}$	$49\frac{1}{2}$	411/4	353/4
12	30	54	45	39
13	321/2	581/2	483/4	$42\frac{1}{4}$ $45\frac{1}{2}$
14	35	63	521/2	451/2
15	$\frac{37\frac{1}{2}}{40}$	$\frac{671/2}{72}$	56½ 60	483/4
16 17	421/2	761/2	633/4	$\frac{52}{55\frac{1}{4}}$
18	45	81	671/2	581/2
19	471/2	$85\frac{1}{2}$	711/4	613/4
20	50	90	75	65
21	521/2	$94\frac{1}{2}$	783/4	681/4
22	55	99	821/2	$71\frac{1}{2}$
23	571/2	$\frac{103\frac{1}{2}}{108}$	86¼ 90	743/4
24	$\begin{array}{c} 60 \\ 62\frac{1}{2} \end{array}$	$112\frac{1}{2}$	933/4	78 81 <sup>1</sup> / <sub>4</sub>
25 26	65	117	971/2	841/2
27	671/2	$121\frac{1}{2}$	1011/4	873/4
28	70	126	105	91
29	721/2	$130\frac{1}{2}$	1083/4	941/4
30	75	135	1121/2	971/2
31 32	77½ 80	$139\frac{1}{2}$ $144$	$\frac{116\frac{1}{4}}{120}$	$\frac{100\sqrt{3}}{104}$

\*Add 1/2 inch to length for each bushing.

Width of feet, 12 inches. Width of section, 12 inches.

Height from floor to center of tapping boss, both feed and return, on 20-inch height, 4½ inches; on 16½-inch and 13½-inch heights, 3 inches.

The 16½-inch and 13½-inch heights are made regularly with low legs.

When ordered they will be equipped with regular legs, which will increase their heights to 18 inches and 15 inches respectively, and the distance from floor to center of tapping boss to  $4\frac{1}{2}$  inches.

Aero Seven-Column Radiators are tapped 11/2 inches top and bottom both ends and bushed to sizes required. All radiators are connected at top and bottom with Heavy Malleable Iron Push Nipples and are vented for both Steam and Hot Water.

They consequently can be used on any kind of a Steam, Vapor or Hot Water

Aero Radiators are furnished legless or with legs 6 inches from floor to center of tapping boss when ordered.



### Legless Radiator

RIGINALLY developed for schools, office buildings and for industrial use, this radiator has been adapted to use in the bath room — a service for which it is admirably fitted.

It can be suspended on its hangers up off the floor, out of the way. Its width is small — a valuable feature, as space in the modern bath room is usually limited.

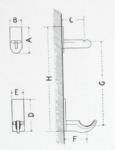
Another appealing feature is found in the fact that the radiator can be enameled any color desired, to harmonize with the decorations of the bath room. The white, blue, or other color scheme can thus be carried throughout.

## Aero Legless Radiators

SIZES AND RATINGS

Data as to sizes and ratings on the three-column type appear on page 9; five-column, page 11; seven-column, page 13.

#### Concealed Brackets

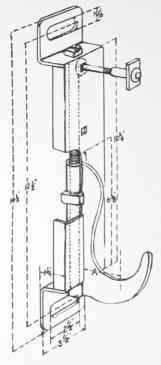


	То	p — Incl	nes	Dimension — "G" — Inches			hes	
Dimensions	A	В	С	36	30	26	23	20
Three-Column	43/8	$\frac{2\frac{1}{2}}{2\frac{1}{2}}$	$\frac{25/8}{4\frac{5}{16}}$	28½ 28¼ 28¼	22½ 22½ 22½	18½ 18¼	15½ 15¼	12½ 12¼
Seven-Column	$5\frac{15}{16}$	$2\frac{1}{2}$	$6\frac{3}{16}$	281/4	221/4	181/4	$15\frac{1}{4}$	121/4

	Bottom — Inches Dimension — "H" — Inches			es				
Dimensions	D	E	F	36	30	26	23	20
Three-Column Five-Column Seven-Column	$\frac{4^{3}/8}{6}$ $\frac{6^{1}/4}{6}$	$2\frac{1}{2}$ $2\frac{1}{2}$ $2\frac{1}{2}$ $2\frac{1}{2}$	$\frac{3\frac{1}{2}}{5\frac{1}{8}}$	$\begin{array}{r} 32\frac{15}{16} \\ 34\frac{7}{8} \\ 33\frac{11}{16} \end{array}$	$ \begin{array}{r} 26\frac{15}{16} \\ 28\frac{7}{8} \\ 27\frac{11}{16} \end{array} $	$ \begin{array}{r} 22\frac{15}{16} \\ 24\frac{7}{8} \\ 23\frac{11}{16} \end{array} $	$ \begin{array}{r} 19\frac{15}{16} \\ 21\frac{7}{8} \\ 20\frac{11}{16} \end{array} $	$ \begin{array}{r} 16\frac{15}{16} \\ 18\frac{7}{8} \\ 17\frac{11}{16} \end{array} $

### Aero Adjustable Radiator

#### Hanger



With the increasing popularity of the legless type radiator has come a need for an easily installed, effective support. This need has been filled by the Aero pressed steel adjustable radiator hanger.

Anchor bolts (furnished with the hanger) are all that is required for securing to the wall. Backing strips are unnecessary, as the radiator is held at a sufficient distance from the wall to permit a free circulation of air. device is adjustable 2½ inches horizontally, and 5 inches vertically, which eliminates the necessity for minutely exact measurements in installing. The parts are made of pressed steel. These hangers are strong, simple, easy to install, and thoroughly effective.

# "A" Measurements

3 column	 $2\frac{17}{32}''$
7 column	 6"

# Aero Radiators Top and Bottom Tappings

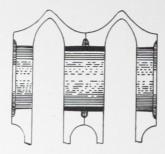
THE figures given below indicate the distance between center of upper and lower tappings for top feed and bottom return at same end on all Aero Radiators.

To secure the distance from floor to center of top tapping, add to the following figures, the distance from floor to center of bottom tapping. The distance from the floor to the center of bottom tapping on all radiators, except  $16\frac{1}{2}$ -inch and  $13\frac{1}{2}$ -inch seven-column, is  $4\frac{1}{2}$  inches. The distance from the floor to the center of the bottom tapping on  $16\frac{1}{2}$ -inch and  $13\frac{1}{2}$ -inch seven-column is 3 inches.

Height Inches	Three- Column Inches	Five- Column Inches	Seven- Column Inches
36	29½	291/2	291/2
30	231/2	231/2	$23\frac{1}{2}$
26	191/2	191/2	$19\frac{1}{2}$
30 26 23	161/2	161/2	$16\frac{1}{2}$
20	$13\frac{1}{2}$	131/2	$13\frac{1}{2}$
161/2			$11\frac{1}{2}$
131/2			81/2

# Exclusive Features

The Push-Nipple Connection



Numerous advantages are possessed by this type of connection. Assembly of the sections is much easier and quicker. In case it ever becomes necessary to take the radiator apart, it can be done in a fraction of the time required when the threaded connection is used. The metal to metal joint is thoroughly effective; no annoying leaks appear, when the radiator is put in service.

#### Light Weight

Lightness is an outstanding feature of the Aero radiators — a feature that will appeal to all dealers. There is an immediate saving in freight rates which results. The radiators are more easily transported, and a smaller crew is required in placing them. The lightness was attained by eliminating dead metal; there has been no sacrifice of strength or durability.

#### Wide Spacing

Women customers will find this a strong additional argument for buying Aero radiators. The wide spacing between sections, and between barrels, permits the housewife to clean the radiator thoroughly with no trouble. Those who have had experience with the old, cramped type of dust catching radiator will hail this new departure with enthusiasm. This spacing, as has been explained, also increases the efficiency greatly.



