REPLACEMENT BOILER SIZING CHART

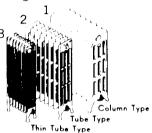
and Name of	Present Boiler	Model No.			
oiler Input		BTUH So	quare Feet of Rac	diation	
utput (Heating	Capacity)		BTUH		
	STANDING F	BASEBOARD RADIATION LINEAL FEET (Length of Finned Tube Only)			
ROOM	SQUARE FT. × PER SECTION SECTIONS = RADIATION IN SQUARE FEET				
'	Feet of Radiation		Total Lineal Feet	600	
	n Factor (see below) oad			x 600 BTU/FT	000
Dailar Madal	Decemmended				
	Recommended _				
input	Heatir (Should	<pre>IG Capacity</pre> <pre>be equal to or greater than load)</pre>			

SIZING TO STANDING RADIATION

RADIATOR RATINGS

(All dimensions and ratings are approximate) Radiator output ratings should be used for checking the total radiation on an existing heating plant.

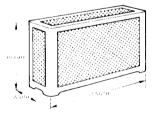
Sketch below shows relative sizes of radiator styles. All are 4 tube (column), 8 section radiators. Each rating is different.



To identify the style of a radiator, count the number of tubes or columns. Then check the width. When you have identified the style (1, 2, or 3), read the radiation per section beneath the radiator style. Example: Radiator sketched below is a 4-tube, 8-section, style 2 (tube type) radiator, 7" wide and 20" high. Multiplying the 2.2 square feet of radiation per section by 8 equals 17.6 square feet of radiation.



RADIATOR ENCLOSURES



To determine number of sections: divide length of cover in inches by two. For example, if length of cover is 24", then the radiator has 12 sections.

SECTIONAL WALL TYPE

	Height	Sq. Ft. Radiation Per Section		
	37"	21/2		
	28½ "	11/5		
	21½"	1 1/2		
	15″	1		
	13%"	3/4		

SQUARE FEET OF RADIATION PER SECTION

	SQUARE	PEEI (JF KAUI	AHON P	EK SEC	IION	
Columns or Tubes	1	2	3	4	5	6	7
OLD STYLE	(6)						
COLUMN					$\sqrt{2}$		
RADIATORS							
Width						Ŏ.	
Height	→ 4½" ←	→ 7%" ├	₩ 9″ ₩	★ 11½″ ★	★ 12½" →	№ 12½" →	
45"	3.5	5.0	6.0	10.0			
38"	3.0	4.0	5.0	8.0	10.0		
32"	2.5	3.3	4.5	6.5	8.5	7.0	· · · · · · · · · · · · · · · · · · ·
26" 23"	2.0	2.6 2.3	3.7 3.2	5.0	7.0	7.0	
22"	1.6 1.6	2.3	3.2	4.5 4.0	6.0	6.0	
20"	1.5	2.0	2.7	3.5	5.0	5.0	
18"	1.3	1.7	2.2	3.0	5.0	4.3	······································
17"			££-	3.0	3.0	4.0	
16"					4.0	3.7	
15"		1.5					
14"					4.0	3.0	
13"	_				3.0	3.0	
TUBE							
TYPE							
TIFE			7				
Width→				المجودا			
Height			→ 5" ←	→ 7″ ←	₩ 8¾ ″₩	₩ 9¾″ ₩	├ ─ 12½" →
38"			3.5	4.2	5.0	6.0	
36"			3.5	4.2	5.0	6.0	7.0
32"		•	3.0	3.5	4.3	5.0	6.0
26"			2.3	2.7	3.5	4.0	5.0
23"			2.0	2.5	3.0	3.5	4.5
22"					0.6		4.5
18"			1.7	2.2	2.6	3.0	3.6
17"							3.5 3.0
16"							3.0
14"	77						2.5
			(25)	677			
THIN		8		Œ			
TUBE							
1002				• i* •	• •		
Width-→							
Height		<i>\</i> \\ -} 3½" +	Մ`Ս - ≯ 4″ (+	υ υ ➡4¾" ├	→ 6" (+	√√√ 1 7 ½″ ←	
38"		2.5	2.8	7174 1	71 V TT	M 1.78 K.	
32"		2.0	2.6			3.4	
26"			2.4	2.4	3.0	3.0	
25"		1.5	1.8	2.1	2.4	3.0	
23"			1.7	2.0	2.3		
22"		1.3	1.6	1.8	2.2		
20"			1.5	1.7	2.1	2.3	
19"		1.1	1.4	1.6		2.3	
	L						

One sq. ft. of steam radiation = 240 Net Btuh One sq. ft. of forced hot water = 185 Net Btuh at 190° F.