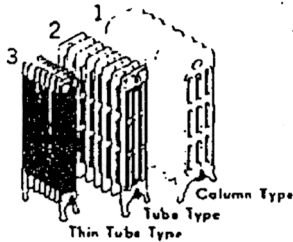


SIZING TO STANDING RADIATION

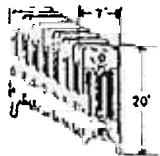
RADIATOR RATINGS

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

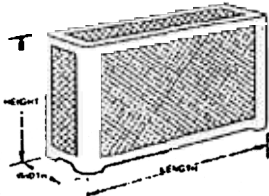
Sketch below shows relative sizes of radiator styles. All are 4 tube (column), 8 section radiators. Each rating is different.



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 per radiator.

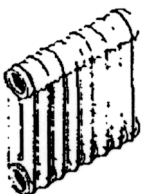


RADIATOR ENCLOSURES



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"	2½
28½"	1¾
21½"	1½
15"	1
13¾"	¾

SQUARE FEET OF RADIATION PER SECTION

Columns or Tubes	1	2	3	4	5	6	7
OLD STYLE COLUMN RADIATORS							
Width →	4 1/4"	7 1/2"	9"	11 1/2"	12 1/2"	12 1/2"	
Height	45"	38"	32"	26"	23"	22"	20"
	3.5	5.0	6.0	10.0			
	3.0	4.0	5.0	8.0	10.0		
	2.5	3.3	4.5	6.5	8.5		
	2.0	2.6	3.7	5.0	7.0	7.0	
	1.6	2.3	3.2	4.5			
	1.6	2.2	3.0	4.0	6.0	6.0	
	1.5	2.0	2.7	3.5	5.0	5.0	
	1.3	1.7	2.2	3.0	5.0	4.3	
					4.0	3.7	
		1.5					
					4.0	3.0	
					3.0	3.0	

TUBE TYPE					
Width →	5"	7"	10 1/2"	13 1/2"	12 1/2"
Height	38"	36"	32"	26"	23"
	3.5	4.2	5.0	6.0	7.0
	3.5	4.2	5.0	6.0	7.0
	3.0	3.5	4.3	5.0	6.0
	2.3	2.7	3.5	4.0	5.0
	2.0	2.5	3.0	3.5	4.5
					4.5
		1.7	2.2	2.6	3.0
					3.6
					3.5
					3.0
					3.0
					2.5

THIN TUBE					
Width →	3 1/2"	4"	4 1/2"	6"	7 1/2"
Height	38"	32"	26"	25"	23"
	2.5	2.8			
	2.0	2.6			
		2.4	2.4	3.0	3.4
	1.5	1.8	2.1	2.4	3.0
		1.7	2.0	2.3	
		1.3	1.6	1.8	2.2
			1.5	1.7	2.1
				2.1	2.3
	1.1	1.4	1.6		2.3

CONVERSION FACTORS



One sq. ft. of steam radiation
One sq. ft. of forced hot water

240 Net Btuh
185 Net Btuh at 190° F.