



(Requirements for Chimneys, Continued)

A more specific table is given by Prof. R. C. Carpenter suitable to various sized heating plants and different chimney heights, as follows:

RADIATION (Direct)		Height of Chimney Flue				
Steam Sq. ft.	Hot Water Sq. ft.	30 Ft.	40 Ft.	50 Ft.	60 Ft.	80 Ft.
		Inches	Inches	Inches	Inches	Inches
250	375	7.0	6.7	6.4	6.2	6.0
500	750	9.2	8.8	8.2	8.0	6.6
750	1,150	10.8	10.2	9.6	9.3	8.8
1,000	1,500	12.0	11.4	10.8	10.5	10.0
1,500	2,250	14.4	13.4	12.8	12.4	11.5
2,000	3,000	16.3	15.2	14.5	14.0	13.2
3,000	4,500	18.5	18.2	17.2	16.6	15.8
4,000	6,000	22.2	20.8	19.6	19.0	17.8
5,000	7,500	24.6	23.0	21.6	21.0	19.4
6,000	9,000	26.8	25.0	23.4	22.8	21.2
7,000	10,500	28.8	27.0	25.5	24.4	23.0
8,000	12,000	30.6	28.6	26.8	26.0	24.2
9,000	13,500	32.4	30.4	28.4	27.4	25.6
10,000	15,000	34.0	32.0	30.0	28.6	27.0

Dimensions given are diameters of flues in inches or the side of square flue.