

CAPITOL SQUARE SECTIONAL BOILERS
Ratings and Dimensions

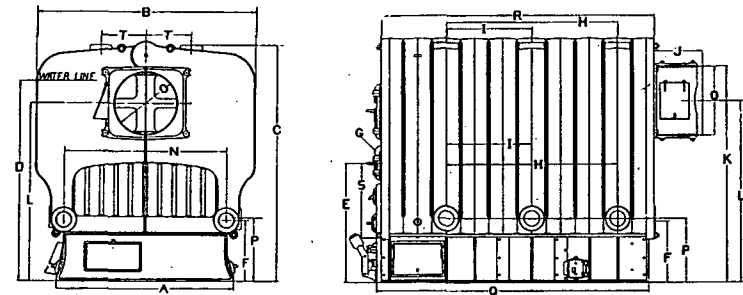
Size	Rating Sq. Ft.		Grate Area Sq. Ft.	Coal Capacity Cu. Ft.	Outlets and Inlets	Steam Boiler Dimensions			Minimum Chimney Sizes	
	Steam	Water				Height Water Line Inches	Height Inches Including Trimmings	Width Inches Including Trimmings	Diameter Inches	Height Feet
184	400	650	1.88	2.33	2-3"	40 1/2	61 1/2	36 3/4	8x8	35
185	550	910	2.63	3.17	2-3"	40 1/2	61 1/2	36 3/4	8x12	35
186	700	1170	3.38	4.01	2-3"	40 1/2	61 1/2	36 3/4	8x12	35
187	850	1430	4.13	4.84	2-3"	40 1/2	61 1/2	36 3/4	8x12	40
204	600	1000	2.59	4.36	2-3 1/2"	46 1/2	66 1/2	45	8x12	35
205	800	1300	3.48	5.85	2-3 1/2"	46 1/2	66 1/2	45	8x12	35
206	1000	1650	4.37	7.34	2-3 1/2"	46 1/2	66 1/2	45	12x12	35
207	1200	2000	5.26	8.83	3-3 1/2"	46 1/2	66 1/2	45	12x12	40
255	1100	1825	5.66	8.37	2-4"	49	70 1/2	51	8x12	40
256	1350	2225	7.08	10.45	2-4"	49	70 1/2	51	8x12	40
257	1600	2650	8.50	12.53	3-4"	49	70 1/2	51	12x12	40
258	1850	3050	9.92	14.62	3-4"	49	70 1/2	51	12x12	45
G276	1350	2230	5.32	7.93	2-4"	45 1/2	68 1/2	50 3/4	12x12	40
G277	1650	2720	6.55	9.65	2-4"	45 1/2	68 1/2	50 3/4	12x12	40
G278	1950	3200	7.78	11.37	3-4"	45 1/2	68 1/2	50 3/4	12x12	45
G279	2250	3700	9.01	13.09	3-4"	45 1/2	68 1/2	50 3/4	12x12	45
235	1900	3150	7.28	11.01	2-4"	55	78	58 1/4	12x16	40
236	2350	3900	9.11	13.75	2-4"	55	78	58 1/4	12x16	45
237	2800	4650	10.94	16.49	3-4"	55	78	58 1/4	16x16	45
238	3250	5450	12.77	19.22	3-4"	55	78	58 1/4	16x16	50
239	3700	6150	14.61	21.96	3-4"	55	78	58 1/4	16x16	50
240	4150	6900	16.44	24.70	4-4"	55	78	58 1/4	16x16	60
WN276	4550	7475	15.25	24.66	3-5"	66	92	82	20x24	50
WN277	5475	9000	18.29	29.67	3-5"	66	92	82	24x24	55
WN278	6400	10,525	21.33	34.68	3-5"	66	92	82	24x24	60
WN279	7325	12,050	24.37	39.69	4-5"	66	92	82	24x24	60
WN280	8250	13,575	27.41	44.71	4-5"	66	92	82	24x28	65
WN281	9175	15,100	30.45	49.72	4-5"	66	92	82	28x28	70
WN282	10,100	16,625	33.49	54.73	4-5"	66	92	82	28x28	70
WN283	11,025	18,150	36.53	59.74	5-5"	66	92	82	28x32	75
WN284	11,950	19,675	39.57	64.75	5-5"	66	92	82	32x32	80

CAPITOL SEMI-SMOKELESS BOILERS

SS237	2800	4650	10.94	16.49	3-4"	55	78	58 1/4	16x16	45
SS238	3250	5450	12.77	19.22	3-4"	55	78	58 1/4	16x16	50
SS239	3700	6150	14.61	21.96	3-4"	55	78	58 1/4	16x16	55
SS240	4150	6900	16.44	24.70	4-4"	55	78	58 1/4	16x16	60
SS241	4600	7600	18.27	27.44	4-4"	55	78	58 1/4	16x20	60
SS277	5475	9000	18.29	29.67	3-5"	66	92	82	24x24	55
SS278	6400	10,525	21.33	34.68	3-5"	66	92	82	24x24	60
SS279	7325	12,050	24.37	39.69	4-5"	66	92	82	24x24	60
SS280	8250	13,575	27.41	44.71	4-5"	66	92	82	24x28	65
SS281	9175	15,100	30.45	49.72	4-5"	66	92	82	28x28	70
SS282	10,100	16,625	33.49	54.73	4-5"	66	92	82	28x28	70
SS283	11,025	18,150	36.53	59.74	5-5"	66	92	82	28x32	75
SS284	11,950	19,675	39.57	64.75	5-5"	66	92	82	32x32	80

For smoke pipe, base dimensions and other measurements, see next page.

Measurements, All Series Square Boilers, Including Smokeless



	180	200	250	G270	230 SS230	WN270 SS270	400	500
A	25 1/2"	28 3/4"	34 1/4"	36"	41 1/4"	57 3/4"	47"	57 3/4"
B	28 1/2"	32 1/2"	39 1/2"	43 1/2"	48 1/2"	67"	71 3/4"	71 3/4"
C	48"	54"	58 3/4"	55 1/2"	67"	77 1/4"	60 1/4"	77 1/4"
D	40 1/2"	46 1/2"	49"	49 1/2"	55"	66"	49"	66"
E	25 1/2"	29 3/4"	28 3/4"	27 1/2"	31"	33 1/4"	35"	38"
F	.....	.....	.....	.....	.....	20 1/4"	7 1/2"	20 1/4"
G	7 1/2" x 11 1/2"	9 1/4" x 14 1/2"	9 1/4" x 14 1/2"	8" x 13"	9 1/4" x 15 1/4"	10" x 17"	10" x 17"	10" x 17"
*H	.....	207-25"	{ 257-32" 258-40"	{ 278-33 1/2" 279-40 1/2"	.....	{ 410-48 1/2" 413-64 1/2" 411-12-14-56 1/4"	.....	.....
I	{ 184-6 1/4" 185-12 1/2" 186-18 1/2" 187-25"	{ 204-6 1/4" 205-12 1/2" 206-18 1/2" 207-25"	{ 255-16" 256-24" 257-16" 258-24"	{ 276-20 1/2" 277-27" 278-13 1/2" 279-20 1/4"	Figure 8" per section	{ 408-9-13-40 1/2" 410-16 1/2" 411-14-24 1/4" 412-32"	.....	.....
J	12"	11 1/2"	11 1/2"	16"	14"	{ 22 1/2" Top Outlet 15" Back Outlet	19 1/2"	{ 22 1/2" Top Outlet 15" Back Outlet
†K	44 1/2"	50 3/8"	52 3/8"	50"	59"	72"	54 1/4"	72"
†L	37"	43 3/8"	45 3/8"	41 1/2"	52"	58 3/4"	45 1/2"	58 3/4"
†N	.....	.....	.....	.....	.....	53 1/4"	46"	53 1/4"
O	10"	10"	12"	14"	14"	21"	18"	21"
P	14 1/4"	16 1/4"	17 1/4"	16"	19"	20 1/4"	.....	20 1/4"
Q	184-20 1/2" add 6 1/4" for each additional section.	204-23 1/2" add 6 1/4" for each additional section.	255-37 1/2" add 8" for each additional section.	G276-36" add 6 1/4" for each additional section.	235-36" add 8" for each additional section.	WN276-49 3/4" add 9 1/4" for each additional section.	408-63 1/2" add 8 1/4" for each additional section.	508-67 1/2" add 9 1/4" for each additional section.
R	184-20 1/2" add 6 1/4" for each additional section.	204-22 1/2" add 6 1/4" for each additional section.	255-36 1/2" add 8" for each additional section.	G276-35 1/2" add 6 1/4" for each additional section.	235-37" add 8" for each additional section.	WN276-50 3/4" add 9 1/4" for each additional section.	408-62 3/4" add 8 1/4" for each additional section.	508-68 1/2" add 9 1/4" for each additional section.
S	14 1/4"	18"	17"	15 1/2"	18"	19 1/4"	21"	23 1/2"
T	.....	.....	.....	.....	.....	14 3/8"	.....	14 3/8"

*Center of Fire Door above grate level. **On 414, fourth tapping is 72 3/4" from first tapping. †Dimension K is for top outlet smokehood which can be furnished on all square boilers. ‡Back openings must be connected across back of boiler with a pipe not less than 3 inches in diameter on WN270, SS270 and 500.