

**TERRE HAUTE BOILER WORKS CO.**

Boiler Model No.	Rating		Minimum Firing Rate		Heating Surface Sq. Ft.	Firebox		Floor to Crown Sheet	Grate Size	Floor Area	Base Height (In.)	Chimney		Smoke Pipe Diam. (In.)
	Steam	Water	Gals. Oil per hr.	Lbs. Coal per hr.		Width	Length					Size (In.)	Height (Ft.)	
Cliff T4 Beauty High Firebox Boiler - Automatic Firing (Steel Square)														
SN2211	1100	1780			85	22 $\frac{1}{2}$	28-3/8	36		30-1/2x39	12	13x13	30	12
SN2213	1300	2080			77	22 $\frac{1}{2}$	31-7/8	36		30-1/2x44-1/2	12	13x13	30	12
SN2215	1500	2400			88	22 $\frac{1}{2}$	37-3/8	36		30-1/2x50	12	13x13	35	12
SN2218	1800	2880			108	22 $\frac{1}{2}$	45-3/8	36		30-1/2x58	12	13x13	35	12
Rating: Net Load														
Cliff Steel Residential Boilers - Hand Fired (Steel Square)														
JH2208	800	1280	SHBI		62	22 $\frac{1}{2}$	31 $\frac{1}{2}$	33	5.0 Sq. Ft.		12	154	35	14
JH2210	1000	1600	"		72	22 $\frac{1}{2}$	36 $\frac{1}{2}$	33	5.7 " "		12	154	35	14
JH2212	1250	2000	"		90	22 $\frac{1}{2}$	46	33	7.2 " "		12	154	40	14
JH2215	1500	2400	"		108	22 $\frac{1}{2}$	55 $\frac{1}{2}$	33	8.6 " "		12	154	40	14
JH2618	1800	2880	"		129	26	55 $\frac{1}{2}$	35	8.7 " "		12	201	40	16
Cliff Steel Residential Boilers - Oil, Gas or Stoker Fired (Steel Square)														
JM2210	1050	1680			62	22 $\frac{1}{2}$	31 $\frac{1}{2}$	33			12	154	35	14
JM2212	1220	1950			72	22 $\frac{1}{2}$	36 $\frac{1}{2}$	33			12	154	35	14
JM2215	1530	2445			90	22 $\frac{1}{2}$	46	33			12	154	40	14
JM2218	1835	2935			108	22 $\frac{1}{2}$	55 $\frac{1}{2}$	33			12	154	40	14
JM2621	2190	3500			129	26	55 $\frac{1}{2}$	35			12	201	40	16
Cliff T4 Beauty Oil Burning Boilers (Steel Round) (Obsolete)														
1840	830	1008	2.45		37	18	18	32			12	64	30	9
2160	750	1200	2.92		44	21	21	32			12	64	30	9
2490	985	1575	3.77		58	24	24	32			12	79	35	10
2713	1300	2080	4.89		76	27	27	32			12	79	35	10
2517*	1790	2860	6.61		108	25	31	33			12	154	45	14
2521*	2100	3440	7.83		127	25	37	33			12	154	45	14
Rating: SHBI														
* - Square Steel Boilers														
Cliff Steel Square Sectional Boilers (Obsolete)														
24" Series - Standard and Smokeless														
2416*	500	800	SHBI		58				3.5				30	
2424*	750	1200	"		69				4.8				30	
2432*	1000	1600	"		93				6.1				30	
2440*	1300	2000	"		104				7.5				35	
2448*	1600	2500	"		115				8.8				35	
* - Smokeless Models Number Eliminate "4", Reading 216, etc.														
24" Series - Oil, Gas or Stoker Fired														
416	780	1200	SHBI		58				3.5				30	
424	990	1530	"		69				4.8				30	
432	1400	2240	"		93				6.1				30	
440	1660	2650	"		104				7.5				30	
448	1950	3120	"		115				8.8				30	
Type "V" Steel Square Sectional Boilers (Obsolete)														
2216	350	560	SHBI		33				2.4			10 Dia.	25	
2224	530	850	"		42				3.6			12 "	25	
2232	790	1260	"		60				4.8			12 "	30	
2240	1000	1600	"		72				6.0			12 "	30	
Cliff Square Jacketed Round Boilers - Coal Fired (Steel) (Obsolete)														
J2340	450	720	Cap.		33	23 $\frac{1}{2}$	Dia.	32	3.82	31x31	12	8x12	30	9
J2650	575	920	"		41	26 $\frac{1}{2}$	"	34	4.88	34x34	12	8x12	30	9
J2880	800	1280	"		59	26 $\frac{1}{2}$	"	34	4.88	34x34	12	12x12	35	9
Cliff Square Jacketed Round Boilers - Oil or Stoker Fired (Steel) (Obsolete)														
J340	580	900	Cap.		33	23 $\frac{1}{2}$	Dia.	32	3.82	31x31	12	8x12	30	9
J550	700	1120	"		41	26 $\frac{1}{2}$	"	34	4.88	34x34	12	8x12	30	9
J680	1000	1600	"		59	26 $\frac{1}{2}$	"	34	4.88	34x34	12	12x12	35	9

**TEXTEAM CORP.**

Tex Steamers Vapor-Clarkson Steam Generators*														
4942	1400		5.00							30x42-1/2x48				6
4954	2800		6.00							35-1/8x38-3/4x41-1/4				8-1/8
* With Cycling Type Controls														
Rating: Gross Output.														

THATCHER FURNACE CO. (1)

Boiler Model No.	Rating		Minimum Firing Rate		Heating Surface Sq. Ft.	Firebox		Floor to Crown Sheet	Grate Size	Floor Area	Base Height (In.)	Chimney		Smoke Pipe Diam. (In.)
	Steam	Water	Gals. Oil per hr.	Lbs. Coal per hr.		Width	Length					Size (In.)	Height (Ft.)	
	Thatcher 525 Oil fired Series (Cast-Iron Square)													
250	250		.95					24		24x32-3/4		8x8	20	6
350	350		1.30					24		24x36-3/4		8x8	20	7
465		465	.95					24		24x32-3/4		8x8	20	6
645		645	1.30					24		24x36-3/4		8x8	20	7
	Thatcher "T" Series Gas Fired (Cast-Iron Square) (Discontinued)													
113A	220	420						24		24x31-3/4				5
114A	350	640						24		24x35-3/4				6
115A	450	815						24		24x39-3/4				8
118A	550	985						24		24x43-3/4				9
117A	650	1165						24		24x47-3/4				10
	Triple Fire Boiler (Cast-Iron Square)													
60	190	305							1.58	3.5	12 1/2	8x8	25	9
61	280	450							2.07	4.2	12 1/2	8x8	30	9
62	370	590							2.56	5.5	12 1/2	8x8	30	9
63	460	735							3.05	6.3	12 1/2	8x8	35	9
64	550	880							3.54	6.9	12 1/2	8x8	35	9
65	640	1025							4.03	6.9	12 1/2	8x12	35	9
66	730	1170							4.52	9.2	12 1/2	8x12	40	9
061	300	480	1.10	Oil Firing		12				4.2	12 1/2	8x8	20	9
062	380	610	1.40			13				5.5	12 1/2	8x8	25	9
063	460	735	1.65			13				6.3	12 1/2	8x8	30	9
064	540	865	1.90			13				6.9	12 1/2	8x8	35	9
065	620	990	2.15			14 1/2				6.9	12 1/2	8x12	35	9
066	700	1120	2.40			14 1/2				9.2	12 1/2	8x12	35	9
L62	380	610		15 Stoker-Firing		17 1/2				5.5	12 1/2	8x8	30	9
L63	460	735				17 1/2				6.3	12 1/2	8x8	35	9
L64	540	865				17 1/2				6.9	12 1/2	8x12	35	9
L65	620	990				17 1/2				6.9	12 1/2	8x12	35	9
L66	700	1120				17 1/2				9.2	12 1/2	8x12	35	9
	Rating: Net IBR													
	"Series A" Oilmaster (Cast-Iron Square)													
015-A	350	560	1.30							3-3/4x2-1/3		8x8	25	9
016-A	450	720	1.60							4-1/12x2-1/3		8x8	30	9
017-A	550	880	1.90							4-5/12x2-1/3		8x8	35	9
018-A	650	1040	2.25							4-3/4x2-1/3		8x12	35	9
019-A	750	1200	2.50							5-1/2x2-1/3		8x12	35	9
020-A	850	1360	2.80							5-5/12x2-1/3		8x12	35	9
	Rating: Net IBR													
	"Series 20" Oilmaster (Cast-Iron Square) (Obsolete)													
015	335	535	9.5	Lbs.										
016	410	655	11.5	"										
017	485	775	13.4	"										
018	560	895	15.2	"										
019	635	1015	16.9	"										
020	710	1135	18.5	"										
021	785	1255	20.0	"										
022	860	1375	21.4	"										
	Rating: Installed Radiation													
	"Series 26 and 36" Oilmaster (Cast-Iron Square) (Obsolete)													
026	450	720										8x8	30	9
028	600	960										8x8	30	9
030	770	1230										8x12	30	9
032	940	1505										8x12	35	9
036	450	720										8x8	30	9
038	600	960										8x8	30	9
040	770	1230										8x12	30	9
042	940	1505										8x12	35	9
	Rating: EDF													

THATCHER FURNACE CO. (2)

Boiler Model No.	Rating		Minimum Firing Rate		Heating Surface Sq. Ft.	Firebox		Floor to Crown Sheet	Grate Size	Floor Area	Base Height (In.)	Chimney		Smoke Pipe Diam. (In.)	
	Steam	Water	Gals Oil per hr.	Lbs. Coal per hr.		Width	Length					Size (In.)	Height (Ft.)		
3-Inch Sectional Junior Boilers for Gas (Obsolete)															
5-S-5	210	350	Direct							15-3/4x22 1/2					
4-S-5	320	525								17-3/4x22 1/2					
5-S-5	410	680								21-5/8x22 1/2					
6-S-5	500	845								25-5/8x22 1/2					
7-S-5	590	990								29 1/2x22 1/2					
8-S-5	675	1150								33 1/2x22 1/2					
9-S-5	765	1300								37-3/8x22 1/2					
10-S-5	865	1450								41 1/2x22 1/2					
11-S-5	955	1805								45 1/2x22 1/2					
12-S-5	1050	1750								49 1/2x22 1/2					
13-S-5	1150	1910								53-1/8x22 1/2					
14-S-5	1240	2060								57 1/2x22 1/2					
15-S-5	1350	2220								61x22 1/2					
16-S-5	1450	2380								65x22 1/2					
17-S-5	1540	2550								68-7/8x22 1/2					
18-S-5	1640	2710								72-7/8x22 1/2					
19-S-5	1735	2850								76-5/8x22 1/2					
20-S-5	1825	3000								80-3/4x22 1/2					
Note - "S" Indicates a steam boiler															
5-Inch Sectional Boilers for Gas (Obsolete)															
4-S-5	960	1600	Direct							25x41-3/4					
5-S-5	1250	2010								30 1/2x41-3/4					
6-S-5	1495	2450								35 1/2x41-3/4					
7-S-5	1750	2875								40-3/4x41-3/4					
Note - "S" Indicates a steam boiler															
Thatcher Heatall Boiler 1926 (Cast-Iron Round) (Obsolete)															
417	175	300	EDR							1.58					
517	200	350								1.58					
420	250	450								2.04					
520	300	500								2.04					
620	325	550								2.04					
425	475	750								2.64					
525	525	825								2.64					
625	550	900								2.64					
426	600	975								3.41					
526	650	1075								3.41					
626	700	1175								3.41					
Red King Oilburning Boilers (Cast-Iron Square) (Obsolete)															
085-S	260	420	Direct		12	14				27 1/2x46 1/2				9	
086-S	320	520			13	15				27 1/2x50 1/2				9	
Note - "S" Indicates a steam boiler															
Red King Oilburning Boilers - New Fifty Series (Cast-Iron Square) (Obsolete)															
055	300	480	1.25							3-2/3x2 1/2		8x8	20	9	
056	380	610	1.50							4x2 1/2		8x8	25	9	
057	460	735	1.65							4-1/3x2 1/2		8x8	30	9	
Rating: Net IBR															
Deluxe Sectional Boilers for Coal (Cast-Iron Square) (Obsolete)															
175-B	230	370	Net IBR							1.95	1-11/12x2-2/12	10	8x8	20	9
176-B	315	505								2.48	2 1/2x2-7/12	10	8x8	25	9
177-B	400	640								2.95	2-7/12x2-7/12	10	8x8	30	9
178-B	480	770								3.55	2-11/12x2-7/12	10	8x8	35	9
179-B	565	905								3.98	3-1/4x2-7/12	10	8x12	35	9
180-B	650	1040								4.45	3-7/12x2-7/12	10	8x12	35	9
181-B	735	1195								4.90	3-11/12x2-7/12	10	8x12	35	9
237	700	1120	EDR							3.85	2-7/12x2-5/4	12 1/2		9	
238	800	1280								4.47	2-11/12x2-5/4	12 1/2		12	
239	900	1440								5.11	3-1/4x2-5/4	12 1/2		12	
240	1000	1600								5.75	3-7/12x2-5/4	12 1/2		12	
241	1100	1760								6.56	3-11/12x2-5/4	12 1/2		12	
242	1200	1920								7.02	4-1/4x2-1/4	12 1/2		12	
243	1300	2080								7.68	4-8/12x2-1/4	12 1/2		12	
266-T	980	1575	Installed Radiation							4.8	2 1/2x3-5/4	12 1/2		12	
267-T	1235	1975								6.3	3-1/12x3-1/4	12 1/2		12	
268-T	1490	2380								7.8	3-5/4x3-1/4	12 1/2		12	
269-T	1745	2805								9.2	4-1/3x3-5/4	12 1/2		12	

THATCHER FURNACE CO. (3)

Boiler Model No.	Rating		Minimum Firing Rate		Heating Surface Sq. Ft.	Firebox		Floor to Crown Sheet	Grate Size	Floor Area	Base Height (In.)	Chimney		Smoke Pipe Diam. (In.)
	Steam	Water	Gals. Oil per hr.	Lbs. Coal per hr.		Width	Length					Size (In.)	Height (Ft.)	
27C-T	2000	3210							10.7					12
271-T	2255	3615							11.2					12
Deluxe Sectional Boilers for Oil (Cast-Iron Square) (Obsolete)														
0175B	250	400	Net IBR						1.95	1-11/12x2-1/8	10	8x8	20	9
0176B	320	510							2.48	2-1/4x2-1/8	10	8x8	25	9
0177B	390	625							2.95	2-7/12x2-1/8	10	8x8	30	9
0178B	460	735							3.55	2-11/12x2-1/8	10	8x8	35	9
0179B	530	850							3.98	3-1/4x2-1/8	10	8x12	35	9
0180B	600	980							4.43	3-7/12x2-1/8	10	8x12	35	9
0181B	670	1070							4.90	3-11/12x2-1/8	10	8x12	35	9
0182B		980							5.36	4-1/4x2-1/8	10			9
0237	525	850	Installed Radiation						3.83	2-7/12x2-3/4	12			12
0238	600	970							4.47	2-11/12x2-3/4	12			12
0239	675	1090							5.11	3-1/4x2-3/4	12			12
0240	750	1210							5.75	3-7/12x2-3/4	12			12
0241	825	1330							6.38	3-11/12x2-3/4	12			12
0242	800	1450							7.02	4-1/4x2-3/4	12			12
0243	975	1570							7.66	4-5/12x2-3/4	12			12
0266T	800	1300							4.8	2-1/2x3-3/4	12			12
0267T	1050	1680							6.3	3-1/12x3-3/4	12			12
0268T	1265	2025							7.8	3-3/4x3-3/4	12			12
0269T	1485	2385							9.2	4-1/3x3-3/4	12			12
0270T	1700	2730	Installed Radiation						10.7	5x3-3/4	12			12
0271T	1920	3075							11.2	5-7/12x3-3/4	12			12
Round Boilers for Coal (Cast-Iron Round) (Obsolete)														
117	175	300	EDR						1.39					8
217	200	350							1.39					8
317	225	400							1.39					8
119	250	450							1.77					8
219	330	500							1.77					8
319	325	550							1.77					8
120	350	600							2.18					8
220	400	650							2.18					8
320	425	700							2.18					8
123	475	750							2.90					9
223	525	825							2.90					9
323	550	900							2.90					9
126	600	975							3.69					9
226	650	1075							3.69					9
326	700	1175							3.69					9
129	750	1275							4.55					10
229	800	1375							4.55					10
329	850	1475							4.55					10
Round Boilers for Oil (Cast-Iron Round) (Obsolete)														
0217	240	420	EDR						1.39					8
0317	270	480							1.39					8
0219	380	600							1.77					8
0319	390	660							1.77					8
0220	460	780							2.18					8
0320	510	840							2.18					8
0223	630	990							2.90					8
0323	660	1080							2.90					9
0225	780	1920							3.69					9
0325	840	1410							3.69					9
0229	960	1650							4.55					10
0329	1020	1770							4.55					10
"Deluxe" Sectional Boiler (1930) (Obsolete)														
175T or A	300	475	EDR						1.95					
176T or A	375	625							2.48					
177T or A	475	775							2.95					
178T or A	550	925							3.55					
179T or A	650	1075							3.98					

THATCHER FURNACE CO. (4)

Boiler Model No.	Rating		Minimum Firing Rate		Heating Surface Sq. Ft.	Firebox		Floor to Crown Sheet	Grate Size	Floor Area	Base Height (In.)	Chimney		Smoke Pipe Diam. (In.)
	Steam	Water	Gals. Oil per hr.	Lbs. Coal per hr.		Width	Length					Size (In.)	Height (Ft.)	
180T or A	725	1225							4.43					
181T or A	825	1375							4.90					
237	700	1120							3.83					
238	800	1280							4.47					
239	900	1440							5.11					
240	1000	1600							5.75					
241	1100	1780							6.38					
242	1200	1920							7.02					
243	1300	2080							7.66					
266 or T	1150	1850							4.8					
267 or T	1450	2325							6.3					
268 or T	1750	2800							7.8					
269 or T	2050	3300							9.2					
Round Boilers (1927) (Obsolete)														
1701 or 117	175	300	EDR						1.39					
1702 or 217	200	350							1.39					
1703 or 317	225	400							1.39					
1901 or 119	250	450							1.77					
1902 or 219	300	500							1.77					
1903 or 319	325	550							1.77					
2001 or 120	350	600							2.18					
2002 or 220	400	650							2.18					
2003 or 320	425	700							2.18					
2301 or 123	475	750							2.90					
2302 or 223	525	825							2.90					
2303 or 323	550	900							2.90					
2601 or 126	600	975							3.69					
2602 or 226	650	1075							3.69					
2603 or 326	700	1175							3.69					
2901 or 129	750	1275							4.55					
2902 or 229	800	1375							4.55					
2903 or 329	850	1475							4.55					

THATCHER FURNACE CO. (5)

Boiler Model No.	Rating		Minimum Firing Rate		Heating Surface Sq. Ft.	Firebox		Floor to Crown Sheet	Grate Size	Floor Area	Base Height (In.)	Chimney		Smoke Pipe Diam. (In.)
	Steam	Water	Gals. Oil per hr.	Lbs. Coal per hr.		Width	Length					Size (In.)	Height (Ft.)	
Thermal Boiler (1915-1917) (Obsolete)														
416														
or 11	175	300							1.39					
516														
or 12	200	350							1.39					
616														
or 12	225	400							1.39					
420														
or 21	350	600							2.18					
520														
or 22	400	650							2.18					
620														
or 23	425	700							2.18					
424														
or 31	475	750							3.07					
524														
or 32	525	825							3.07					
524														
or 33	550	900							3.07					
Highgrade Boiler (1911-1917) (Obsolete)														
11-S														
or 110W	175	300	EDR						1.39					
12-S														
or 120W	200	350							1.39					
13-S														
or 130W	225	400							1.39					
21-S														
or 210W	350	600							2.18					
22-S														
or 220W	400	650							2.18					
23-S														
or 230W	425	700							2.18					
31-S														
or 310W	475	750	EDR						3.07					
32-S														
or 320W	525	825							3.07					
33-S														
or 330W	550	900							3.07					
34-S														
or 340W	600	975							3.07					
Note - "S" indicates a steam boiler "W" " a hot water boiler														
Round Boiler (1915-1925) (Obsolete)														
17-O-A	189	228	EDR						1.58					
17-1-A	198	330							1.58					
19-O-A	218	360							2.04					
19-1-A	280	415							2.04					
19-2-A	292	470							2.04					
22-O-A	324	540							2.64					
22-1-A	377	630							2.64					
22-2-A	413	684							2.64					
25-O-A	432	720							3.41					
25-1-A	485	830							3.41					
25-2-A	540	885							3.41					
28-O-A	580	955							4.28					
28-1-A	640	1080							4.28					
28-2-A	720	1190							4.28					

THATCHER FURNACE CO. (6)

Boiler Model No.	Rating		Minimum Firing Rate		Heating Surface Sq. Ft.	Firebox		Floor to Crown Sheet	Grate Size	Floor Area	Base Height (In.)	Chimney		Smoke Pipe Diam. (In.)
	Steam	Water	Gals. Oil per hr.	Lbs. Coal per hr.		Width	Length					Size (In.)	Height (Ft.)	
Empire Boiler (1905-1909) (Obsolete)														
32	175	300	EDR						1.40					
33	200	350							1.40					
42	350	450							2.04					
43	400	500							2.04					
52	475	750							2.84					
53	525	825							2.84					
62	600	975							3.41					
63	650	1075							3.41					
"End Feed" Sectional Boiler (1921-1929) (Obsolete)														
18-4 or 14	300	500	EDR						2.75					
18-5 or 15	375	625							3.48					
18-6 or 16	450	750							4.19					
18-7 or 17	525	875							4.91					
18	600	1000							5.63					
26-5 or 25	800	1300							6.12					
26-6 or 26	1050	1725							7.47					
26-7 or 27	1300	2150							8.82					
26-8 or 28	1550	2575							10.20					
29	1800	3000							11.55					
Sectional Boiler (1897-1899-1905) (Obsolete)														
15 or 25	525	860	EDR						4.0					
16 or 28	650	1075							5.0					
17 or 27	780	1300							6.0					
18 or 28	910	1510							7.0					
19 or 29	1040	1725							8.0					
106 or 206	1170	1935							7.5					
107 or 207	1415	2325							9.0					
108 or 208	1660	2730							10.5					
109 or 209	1900	3185							12.0					
Progress Boiler (1910) Side Feed - Sectional Type (Obsolete)														
422	425	700	EDR						3.58					
522	650	1050							4.89					
622	825	1400							5.80					
722	1150	1875							6.92					
822	1400	2300							8.02					
428	550	950							5.30					
528 or 52	750	1250							6.81					
628 or 62	1000	1675							8.30					
728 or 72	1300	2150							9.78					
828 or 82	1600	2600							11.27					
928 or 92	1900	3100							12.75					
1028 or 102	2200	3575							14.24					

**THATCHER FURNACE CO. (7)**

Boiler Model No.	Rating		Minimum Firing Rate		Heating Surface Sq. Ft.	Firebox		Floor to Crown Sheet	Grate Size	Floor Area	Base Height (In.)	Chimney		Smoke Pipe Diam. (In.)
	Steam	Water	Gals. Oil per hr.	Lbs. Coal per hr.		Width	Length					Size (In.)	Height (Ft.)	
640 or 64	1700	2800							11.53					
740 or 74	2100	3450							13.59					
Series "G" Boilers														
G031		450	.85		20.15	13"	11 1/2"	20"		2.6 *	Wet	8x8	15	7
G032		510	.95		21.54	13"	11 1/2"	20"		4.8 **	"	8x8	15	7
G033	340		1.00		25.23	16"	14"	25"		3.28 *	"	8x8	15	7
G034	430	690	1.30		27.73	16"	14"	25"		5.95 **	"	8x8	15	7
G043	550	880	1.65		37.84	16"	20"	25"		4.28 *	"	8x8	15	7
G044	645	1030	1.95		40.34	16"	20"	25"		6.95 **	"	8x8	15	7
G053	775	1240	2.25		47.95	16"	26"	25"		5.27 *	"	8x12	15	9
G054	860	1375	2.55		52.95	16"	26"	25"		7.95 **	"	8x12	15	9
G063	995	1595	3.00		58.06	16"	32"	25"		8.95 **	"	8x12	15	9
* Flush Jacket														
** Extended Jacket														

**THOMPSON HEATER CO.**

Thompson Magazine Boilers (1917) (Cast Iron-Square)														
525	980	1550	Total	Load								8x12	45	
625	1235	1890	"	"								12x12	45	
725	1500	2400	"	"								12x12	50	
825	1760	2820	"	"								12x12	50	
925	2025	3240	"	"								12x16	55	

**TIMKEN SILENT AUTOMATIC DIV.**

08C65		433	STEEL ROUND							22-3/8		6x6		6
08G85		566								22-3/8		8x8		7
08G110		733								26-3/8		8x8		8
08H6		433								21-1/2x24-5/8		6x6		6
08C110	450	733	CAST IRON SQUARE							28-1/4x29		8x8		8
08C150	625	1000								33-1/2x33-7/8		8x12		9
08C205	850	1360								37-5/8x37-1/2		8x12		10
08 25		166	COPPER TUBE ROUND							16-5/8		6x6		5
08K50		333								22-3/8		6x6		6
08W80		533	STEEL SQUARE (WHITE)							26x31		8x8		7
08W100		667								35-1/2x35-1/2		8x8		7
08R80		333	STEEL SQUARE							28x28		8x8		7
08R100		667								28x28		8x8		7
08C65		433	STEEL ROUND							22-3/8		6x6		6
08C85		566								22-3/8		8x8		7
08C105		700								26-3/8		8x8		8
RATING: 3 LR DOES NOT INCLUDE PIPING & PICKUP FACTORS														
MODEL 08D-50 OIL BOILER (COPPER TUBE, ROUND)														
08D-50		50,000	BTU/HR AT BOILER OUTLET							21 1/2x24-5/8		6x6	30	6
MODEL 08A-65 OIL BOILER (CAST IRON, ROUND)														
08A-65		65,000	BTU/HR AT BOILER OUTLET							21 1/2x24-5/8		6x6	30	6
MODEL "50-B" HEATING UNIT (COPPER COIL, ROUND)														
50-B		400	EDR							21x25		6x6	30	5
"DR" OIL BOILER (CAST IRON SQUARE)														
4		450	EDR							5.7		8x8	30	8
6		625	"							7.9		8x12	30	9
8		850	"							10.1		8x12	35	10
"BR" OIL BOILER, WATER HEATER UNIT (COPPER COIL, ROUND)														
BR		400	EDR							21x25		6x6	30	5
"BAR" OIL BOILER (CAST IRON)														
BAR		400	EDR							28x28		8x8	30	8
"BBR" OIL BOILER (CAST IRON)														
BBR		625	EDR							32 32		8x8	30	9
"BCR" OIL BOILER (CAST IRON)														
BCR		850	EDR							35x36		8x12	35	10
"GC" OIL BOILER (CAST IRON, SQUARE) (DISCONTINUED)														

(Continued next page)



**TIMKEN SILENT AUTOMATIC DIV.**

Boiler Model No.	Rating		Minimum Firing Rate		Heating Surface Sq. Ft.	Firebox		Floor to Crown Sheet	Grate Size	Floor Area	Base Height (In.)	Chimney		Smoke Pipe Diam. (In.)
	Steam	Water	Gals. Oil per hr.	Lbs. Coal per hr.		Width	Length					Size (In.)	Height (Ft.)	
GC-114	465	725	EDR							2-5/6x2 1/2		6x8		9
GC-115	560	890	"							3-1/6x2 1/2		8x8		9
GC-116	660	1055	"							3-5/12x2 1/2		8x8		9
GC-117	765	1265	"							3-3/4x2 1/2		6x12		9
GC-118	865	1315	"							4x2 1/2		8x12		9
GC-119	970	1,500	"							4-1/3x2 1/2		6x12		9
"TA-12" OIL BOILER (CAST IRON, SQUARE) (DISCONTINUED)														
TA-124	705	1130	EDR							3-1/12x2-11/12		8x8	30	9
TA-125	915	1460	"							3-3/4x2-11/12		8x8	30	9
TA-126	1120	1770	"							4-5/12x2-11/12		6x12	30	9
TA-127	1325	2120	"							5-1/12x2-11/12		6x12	30	9
HI-BOILER UNIT, FIRED WITH VERTICAL ROTARY BALL FLAME OIL BURNER (STEEL, ROUND)														
GLK-508		250								22" Dia.		6x6	30	7
OEG-808		450								22" "		7x7	30	7
RATINGS: "HOME HEATING CAPACITY".														

**TITUSVILLE IRON WORKS CO., THE**

COMPACT HEATING BOILER ALL FUELS (STEEL ROUND, HORIZONTAL)														
CC-18	1800	2880	Hand Fired	129	30	29 1/2	41 1/2				12	16	40	16
CC-22	2200	3520	"	158	30	29 1/2	41 1/2				12	16	45	16
CC-26	2600	4160	"	186	30	29 1/2	41 1/2				12	16	50	16
CC-30	3000	4800	"	216	30	29 1/2	41 1/2				12	16	50	16
CM-21	2190	1800	Mech. Fired	129	30	29 1/2	43 1/2				14	15	35	15
CM-26	2680	2200	"	158	30	29 1/2	43 1/2				14	15	35	15
CM-31	3160	2600	"	186	30	29 1/2	43 1/2				14	16	35	16
SOH-22	2190	3510	"	129	23							20	50	
SOH-26	2700	4340	"	159	23							20	50	
COMPACT TYPE WELDED BOILER SERIES "S-R-B" ANTHRACITE HAND FIRED (STEEL SQUARE)*														
18	1800	2200	Direct	129	24	50		7.9	4-5/6x2-2/3		15	16	45	16
22	2880	3520	"	158	30	44		8.9	4-1/3x3-1/6		15	20	50	22
SERIES "S-R-O" OIL AND GAS FIRED (STEEL SQUARE)														
2	2190	3500	Direct	129	24	50			4-5/6x2-2/3		15	16	45	16
SERIES "H H" STEEL RESIDENCE TYPE BOILERS COAL FIRED (STEEL SQUARE) (OBSOLETE)														
HH-52	460	730	Cap.	52	22	21 1/2		3.2	2-1/2x2-1/2		12	12	35	14
HH-62	600	960	"	62	22	26 1/2		4.0	2-11/12x2-1/2		12	12	35	14
HH-72	780	1240	"	72	22	32		4.8	3-1/3x2-1/2		12	12	35	14
HH-82	1000	1600	"	82	22	37 1/2		5.6	3-5/6x2-1/2		12	12	35	14
HH-92	1240	1980	"	92	22	43 1/2		6.4	4-1/4x2-1/2		12	12	35	14
HH-102	1428	2280	"	102	26	39 1/2		7.0	4x2-5/6		12	16	40	18
HH-114	1596	2550	"	114	26	45 1/2		7.8	4-1/2x2-5/6		12	16	40	18
HH-126	1764	2820	"	126	26	50 1/2		8.4	4-11/12x2-5/6		12	16	40	18
HH-138	1932	3090	"	138	26	56		8.4	5-1/3x2-5/6		12	16	40	18
HH-150	2100	3360	"	150	26	61		9.3	5-3/4x2-5/6		12	16	50	18
HH-166	2310	3690	"	166	26	68			6-1/3x2-5/6		12	16	50	18
HH-180	2520	4030	"	180	26	74 1/2			6		12	16	50	18
MECHANICALLY FIRED SERIES "HO" RESIDENCE TYPE BOILER (STEEL SQUARE) (OBSOLETE)														
HO-52	490	730	Cap.	52	22	21 1/2			2-1/2x2-1/2		12	12	35	14
HO-62	640	960	"	62	22	26 1/2			2-11/12x2-1/2		12	12	35	14
HO-72	850	1240	"	72	22	32			3-1/3x2-1/2		12	12	35	14
HO-82	1120	1600	"	82	22	37 1/2			3-5/6x2-1/2		12	12	35	14
HO-92	1260	1980	"	92	22	43			4-1/4x2-1/2		12	12	35	14
HO-102	1480	2280	"	102	26	39 1/2			4x2-5/6		12	16	40	18
HO-114	1900	2550	"	114	26	45 1/2			4-1/2x2-5/6		12	16	40	18
HO-126	2140	2820	"	126	26	50 1/2			4-11/12x25/6		12	16	40	18
HO-138	2340	3090	"	138	26	56			5-1/3x2-5/6		12	16	40	18
HO-150	2550	3360	"	150	26	61			5-3/4x2-5/6		12	16	50	18
HO-166	2800	3690	"	166	26	68			6-1/3x2-5/6		12	16	50	18
HO-180	3060	4030	"	180	26	74 1/2			6-11/12x2-5/6		12	16	50	18
TS SCOT OIL BURNING BOILER (STEEL SQUARE) (OBSOLETE)														
TS-6E	612	979	1.50 (1)	36		5-7/12			5-7/12x2-2/3					9
TS-7E	714	1142	1.75	42					5-11/12x2-2/3					9
TS-9E	901	1441	2.25	53					6-1/2x2-2/3					9
TS-11E	1105	1768	2.50	65					6-1/3x2-2/3					10
TS-13E	1326	2121	3.25	78					6-5/6x2-2/3					10
TS-16E	1523	2436	4.75	89					7-1/6x2-2/3					10
TS-18E	1800	2880	4.50	106					7-3/4x2-2/3					10

TITUSVILLE IRON WORKS CO.

Boiler Model No.	Rating		Minimum Firing Rate		Heating Surface Sq. Ft.	Firebox		Floor to Crown Sheet	Grate Size	Floor Area	Base Height (In.)	Chimney		Smoke Pipe Diam. (In.)
	Steam	Water	Gals. Oil per hr.	Lbs. Coal per hr.		Width	Length					Size (In.)	Height (Ft.)	
TS-20E	2000	3200	5.00		119					7-7/12x2-2/3				12
TS-24	2400	3840	5.00		142					8-1/8x3				12
TS-26	2680	4288	5.75		159					8-1/2x3				12
(1) CAPACITY 45 BURNER NOZZLE REQUIRED.														

TORIDHEET DIV., CLEVELAND STEEL PRODUCTS CORP.

Model No.	Series	Oil	Burner	Boiler	(Cast Iron, Square)	Width	Length	Floor Area	Base Height	Chimney Size	Chimney Height	Smoke Pipe Diam.
30	325	520	1.0			14	11	26-1/2x42	Wet	8x12	30	9
40	475	760	1.35			14	17	26-1/2x48	"	8x12	30	9
50	625	1000	2.0			14	17	26-1/2x54	"	8x12	35	9
60	775	1240	2.5			14	17	26-1/2x60	"	12x12	40	9
70	925	1480	3.0			14	17	26-1/2x66	"	12x12	45	9
Series "OS" Oil Burner - Boiler (Cast Iron, Round)												
19-4	300	480	1.08		19.25	17 1/2	Dia.	27-5/8x28-5/16	13	8x12	30	8
19-5	350	560	1.26		26.82	18 1/2	"	27-1/2x28-5/16	13	8x12	35	8
20-5	450	720	1.6		33.34	19-3/4	"	29-3/8x30-5/16	13	8x12	35	9
22-5	550	880	1.86		40.71	22	"	32-3/4x33-5/16	13	8x12	35	9
25-5	675	1080	2.4		51.75	24-7/8	"	36-1/2x36-5/8	13	8x12	40	10
Series "HA" Oil Burner-Boiler (Cast Iron, Square)												
HA-4	355	570	1.1		27.3	*18x14	15/16	29-3/4x34-7/16		8x8	30	9
HA-5	435	695	1.34		33.4	*18x18	7/16	29-3/4x37-15/16		8x8	30	9
HA-6	515	825	1.58		39.6	*18x21	15/16	29-3/4x41-7/16		8x8	30	9
HA-7	595	950	1.83		45.7	*18x25	7/16	29-3/4x44-15/16		8x12	35	9
HA-8	675	1080	2.08		51.8	*18x28	15/16	29-3/4x48-7/16		8x12	35	9
HA-9	755	1205	2.32		58.0	*18x32	7/16	29-3/4x51-15/16		8x12	35	9
Series "XH" Oil Burner-Boiler (Cast Iron, Round)												
IB	627	1000	1.8		43.0	19x22	OB Round	30x35		8x8	30	9
Series ORU Oil Burner Boiler (Steel, Round)												
100	330	525	.9					24x30				6
150	500	800	1.35					28-7/8x35				10
100B	330	525	.90					23-1/4x30-3/16		8x8	20	8
150B	500	800	1.35					28-3/8x35-1/16		8x8	20	8
Series OGU Oil Burner Boiler (Steel, Round)												
100	330	525	1.00					24x37-7/8				6
150	500	800	1.50					28-3/4x42-3/4				10
98	320	510	1.00					24x38-1/2				6
125	400	640	1.25					24x39-1/2				6
165	550	880	1.65					28-7/8x50-1/2				8
210	700	1120	2.00					28-7/8x50-1/2				10
270	900	1440	2.50					28-7/8x50-1/2				10
Series ORS Oil Burner Boiler (Steel, Round)												
97	960	485	.86					27x28		8x8	20	7
125	340	625	1.11					27x28		8x8	20	7
160	442	805	1.54					29-1/2x31		8x8	20	7
Series ORB Oil Burner Boiler (Cast Iron, Round)												
91	245	450	.80					30x30-1/2		8x8	20	7
132	360	660	1.11					30-30-1/2		8x8	20	7
Ratings: Net Standing												
* - Firebox Dimensions taken at Grate Line												
(Note: Model Designations with Prefix ORU, ORS and ORB and Units Fired with Wall Flame Rotary Oil Burners; With Prefix OGU are United Fired with Gun Type Oilburners)												

TRIAD SALES CORP.

Model No.	Series	Oil	Burner	Boiler	(Steel, Round)	Width	Length	Floor Area	Base Height	Chimney Size	Chimney Height	Smoke Pipe Diam.
0-405	998	1575				37.2		26" Dia.				10
1-405	940	1500				37.2		26" "				8
Prefix "O" means oil-fired; "G" gas fired.												
Rating: EDR												

U. S. RADIATOR CORP. (1)

(More listings under National-U. S.)

Boiler Model No.	Rating		Minimum Firing Rate		Heating Surface Sq. Ft.	Firebox		Floor to Crown Sheet	Grate Size	Floor Area	Base Height (In.)	Chimney		Smoke Pipe Diam. (In.)
	Steam	Water	Gals. Oil per hr.	Lbs. Coal per hr.		Width	Length					Size (In.)	Height (Ft.)	
5	"Comfort Cub" Boiler-Burner Unit (Cast-Iron Square)													
	Net IBR 400		.9		20.15	13-5/8	13-15/16	27-3/4			17.5	8x8	20	5
	"A" Series Hand Fired (Cast-Iron Square)													
A-6	240	385				17-3/4	18	32	1.96	1-5/8x2-1/4	10	8x12	30	9
A-7	540	545				17-3/4	20	32	2.45	2-1/8x2-1/4	10	8x12	30	9
A-8	440	705				17-3/4	24	32	2.94	2-1/2x2-1/4	10	8x12	35	9
A-9	540	865				17-3/4	28	32	3.43	2-5/8x2-1/4	10	8x12	35	9
A-10	640	1025				17-3/4	32	32	3.92	3-1/8x2-1/4	10	8x12	35	9
A-11	740	1185				17-3/4	36	32	4.41	3-1/2x2-1/4	10	8x12	40	9
	"A" Series Oil Fired (Cast-Iron Square)													
A-08	330	530	1.25	Max.	IBR	17-3/4	16	32		1-5/8x2-1/4	10	8x12	30	9
A-07	390	625	1.45			17-3/4	20	32		2-1/8x2-1/4	10	8x12	30	9
A-08	445	710	1.60			17-3/4	24	32		2-1/2x2-1/4	10	8x12	35	9
A-09	505	810	1.80			17-3/4	28	32		2-5/8x2-1/4	10	8x12	35	9
A-010	560	895	2.00			17-3/4	32	32		3-1/8x2-1/4	10	8x12	35	9
A-011	620	990	2.15			17-3/4	36	32		3-1/2x2-1/4	10	8x12	40	9
	Rating: Net IBR													
	"A" Series Stoker Fired (Cast-Iron Square)													
A-6	330	530		13		17-3/4	16	32	1.96		*10	8x12	30	9
A-7	390	625		16		17-3/4	20	32	2.45		10	8x12	30	9
A-8	445	710		18		17-3/4	24	32	2.94		10	8x12	35	9
A-9	505	810		20		17-3/4	28	32	3.43		10	8x12	35	9
A-10	560	895		22		17-3/4	32	32	3.92		10	8x12	35	9
A-11	620	990		25		17-3/4	36	32	4.41		10	8x12	40	9
	Rating: Net IBR.													
	* 15 in. or 18 in. special steel base can be furnished for stoker firing.													
	"B" Series - Hand Fired (Cast-Iron Square)													
B-6	550	880		6.11		26	20	53-7/8	3.60	2-1/8x3-1/8	11	8x12	35	12
B-7	740	1180		7.11		26	25	"	4.50	2-2/3x3-1/8	11	8x12	38	12
B-8	920	1470		9.44		26	30	"	5.40	3x3-1/8	11	12x12	38	12
* B-9	1110	1770		11.13		26	35	"	6.30	3-1/3x3-1/8	11	12x12	40	12
B-10	1275	2040		12.75		26	40	"	7.20	3-5/8x3-1/8	11	12x16	40	12
B-11	1440	2300		14.44		26	45	"	8.10	4-1/4x3-1/8	11	12x16	45	12
B-12	1580	2530		16.13		26	50	"	9.00	4-2/3x3-1/8	11	12x16	46	12
B-13	1730	2770				26	55	"	9.90	5-1/8x3-1/8	11	12x16	50	12
B-14	1880	3000				26	60	"	10.80	5-1/2x3-1/8	11	12x16	50	12
	Rating: Direct													
	* Furnished in smokeless - B-13, B-14 smokeless only.													
	"B" Series - Oil Fired (Cast-Iron Square)													
B-07	735	1215				26	25	53-7/8		2-2/3x2-1/8	11	12x12	35	12
B-08	920	1520				26	30	"		3x3-1/8	11	12x12	35	12
B-09	1105	1825				26	35	"		3-1/3x3-1/8	11	12x12	40	12
B-010	1290	2130				26	40	"		3-5/8x3-1/8	11	12x16	40	12
B-011	1475	2435				26	45	"		4-1/4x3-1/8	11	12x16	45	12
B-012	1660	2740				26	50	"		4-2/3x3-1/8	11	12x16	45	12
B-013	1845	3045				26	55	"		5-1/8x3-1/8	11	12x16	50	12
B-014	2030	3350				26	60	"		5-1/2x3-1/8	11	12x16	50	12
	"C" Series - Hand Fired (Cast-Iron Square)													
C-12	1865	3080		Direct		37	59-5/8	55-7/8	12x12	4x4-1/8	13	16x20	50	18
	"C" Series - Oil Fired													
C-012	1865	3080		Direct		37	59-3/8	55-7/8		4x4-1/8	13	16x20	50	18
	Red Cap "RS" Series - Round Boilers - Oil Fired (Cast Iron Round)													
FS019-4	300	495	1.08			17 1/2				27-1/2" Dia.		8x12	30	8
FS019-5	350	580	1.26			17 1/2				27-1/2		8x12	35	8
FS020-4	400	660	1.42			19-3/4				29-3/8		8x12	30	9
FS020-5	450	745	1.60			19-3/4				29-3/8		8x12	35	9
FS022-4	500	825	1.78			22				32-3/4		8x12	35	9
FS022-5	550	910	1.96			22				32-3/4		8x12	35	9
FS025-4	625	1030	2.22			25				36-1/2		8x12	35	10
FS025-5	675	1115	2.40			25				36-1/2		8x12	40	10
	Rating: Direct Radiation													

U. S. RADIATOR CORP. (2)

(More listings under National-U. S.)

Boiler Model No.	Rating		Minimum Firing Rate		Heating Surface Sq. Ft.	Firebox		Floor to Crown Sheet	Grate Size	Floor Area	Base Height (in.)	Chimney		Smoke Pipe Diam. (in.)	
	Steam	Water	Gals. Oil per hr.	Lbs. Coal per hr.		Width	Length					Size (in.)	Height (Ft.)		
19-4	300	480	Direct		Hand Fired (Cast-Iron Square)	17 1/2	34 1/2	1.76	27-1/2" Dia.	8x12	30	8			
19-5	350	560				17 1/2	34 1/2	1.76	27-1/2" "	8x12	35	8			
20-4	400	640				19-3/4	34 1/2	2.24	29-3/8	8x12	30	9			
20-5	450	720				19-5/4	34 1/2	2.24	29-3/8	8x12	35	9			
22-4	500	800				22	34 1/2	2.78	32-3/4	8x12	35	9			
22-5	550	880				22	34 1/2	2.76	32-3/4	8x12	35	9			
25-4	625	1000				25	35	3.54	36-1/2	8x12	35	10			
25-5	875	1080				25	35	3.54	36-1/2	8x12	40	10			
No. 1 Series U. S. Sunray Water Boilers - Hand Fired (Cast-Iron Square)															
1-4	300	480	Net IBR			16	15	57-3/4	1.62	1-2/3x2-1/8	12	8x8	30	8	
1-5	450	720			18	20	"	2.18	2x2-1/6	12	8x8	32	8		
1-6	600	960			16	25	"	2.74	2-1/2x2-1/6	12	8x8	34	8		
No. 1 Series U. S. Sunray Water Boilers - Oil Fired (Cast-Iron Square)															
1-05	415	1.0			18	10			1-1/4x2-1/8	12	8x8	28	8		
1-04	610	1.4			18	15			1-2/3x2-1/6	12	8x8	30	8		
1-05	805	1.8			18	20			2x2-1/6	12	8x8	32	8		
1-08	1000	2.2			16	25			2-1/2x2-1/6	12	8x8	34	8		
Rating: Net IBR															
No. 1 Series U. S. Sunray Boiler - Stoker Fired															
1-4	380	610	Net IBR		18	15	57-3/4		1-2/3x2-1/8	12	8x8	30	8		
1-5	500	805			18	20	"		2x4	12	8x8	32	8		
1-6	625	1000			18	25	"		2-1/2x2-1/6	12	8x8	34	8		
No. U.S. 20 Capitol Boilers - Oil Burning (Cast-Iron Square)															
US20-5	290	460	.98		24.9	15	11-7/16	* 21	3-2/3x2-1/12	Wet	8x8	30	9		
US20-4	415	665	1.41		35.8	15	17-7/16	21	4-1/8x2-1/12		8x12	30	9		
US20-5	540	865	1.81		46.7	15	23-7/16	21	4-5/8x2-1/12		8x12	30	9		
US20-6	665	1060	2.25		57.5	15	29-7/16	21	5-1/8x2-1/12		8x12	30	9		
Rating: Direct Radiation															
* From top of wet leg to crown sheet															
No. 4100 Series Sectional Boiler - Hand Fired (Cast-Iron Square)															
4108	2000	3300	Direct					10.31	4x4	None	18x18	45	18		
No. U.S. 25 Boiler - Oil Burning (Cast-Iron Square)															
US25-5	545	875	1.75		52.3	23	15-3/8	22 1/2	* 2-1/12x2-5/6	Wet	8x12	30	10		
US25-4	905	1450	2.85		74.8	23	15-3/8	22 1/2	2-3/4x2-5/8		8x12	35	10		
US25-5	1265	2025	3.90		97.3	23	15-3/8	22 1/2	3-5/12x2-5/6		8x12	40	10		
US25-6	1625	2600	4.95		109.8	23	19-3/8	22 1/2	4-1/12x2-5/8		12x12	40	10		
US25-7	1985	3175	5.95		142.3	23	17-3/8	22 1/2	4-3/4x2-5/6		12x12	45	10		
Rating: Direct Radiation															
* From Flush Jacket															
Capitol Round Boilers - Hand Fired (Cast-Iron Round)															
17-4	200	330	Direct					1.44	24-9/32 Dia.	13	8x8	30	8		
17-5	250	415						1.44	24-9/32	13	8x8	30	8		
19-4	300	495						1.76	26-1/32	13	8x12	30	8		
19-5	350	580						1.76	26-1/32	13	8x12	35	8		
20-4	400	680						2.24	28-8/32	13	8x12	30	9		
20-5	450	745						2.24	28-8/32	13	8x12	35	9		
20-6	475	785						2.24	30-17/32	13	8x12	35	9		
22-4	500	825						2.78	30-17/32	13	8x12	35	9		
22-5	550	910						2.78	30-17/32	13	8x12	35	9		
22-8	800	990						2.78	32-1/2	13	8x12	40	9		
25-4	625	1030						3.54	33-1/2	13	8x12	35	9		
25-5	875	1115						3.54	33-1/2	13	8x12	40	9		
25-6	725	1195						3.54	36-1/2	13	8x12	40	9		
28-4	775	1280						4.40	36-1/2	13	8x12	55	9		
28-5	850	1405						4.40	36-1/2	13	12x12	40	9		
28-6	925	1525						4.40	36-1/2	13	12x12	45	9		
Capitol Round Boilers - Oil Fired (Cast-Iron Round)															
O17-5	250	415	Direct		16 Dia.				24-9/32 Dia.	13			8		
O19-5	350	580			17-3/4				26-1/32	13			8		
O19-6	5750	820			17-3/4				26-1/32	13			8		
O20-5	450	745			20				28-9/32	13			9		
O20-6	475	785			20				28-9/32	13			9		
O22-5	550	910			22				30-17/32	13			9		
O22-6	600	990			22				30-17/32	13			9		
O25-5	675	1115			25-5/16				33-1/2	13			9		
O25-6	775	1195			25-5/16				33-1/2	13			9		

U. S. RADIATOR CORP. (3)

(More listings under National-U. S.)

Boiler Model No.	Rating		Minimum Firing Rate		Heating Surface Sq. Ft.	Firebox		Floor to Crown Sheet	Grate Size	Floor Area	Base Height (In.)	Chimney		Smoke Pipe Diam. (In.)
	Steam	Water	Gals. Oil per hr.	Lbs. Coal per hr.		Width	Length					Size (In.)	Height (Ft.)	
028-5	650	1405				28-5/16				36-1/2	13			9
028-6	925	1525				28-5/16				36-1/2	13			9
Capitol "CB" Oil Burning Boilers (Cast-Iron Round)														
OB-19	350	580	1.26		29.9	17 1/2		31-3/4		*2-1/2x2-2/3		8x12	35	8
OB-20	450	720	1.60		37.1	19-3/4		"		2-2/3x2-5/8		8x12	35	9
OB-22	550	880	1.98		45.2	22		"		2-5/8x3		8x12	35	9
OB-25	675	1080	2.40		57.3	24-7/8		32 1/2		3-1/4x3-1/4		8x12	40	10
Rating: Direct Radiation														
* Flush Jacket														
2-03	350	580	1.5	IBR Max.		15	14	30-5/8		3-1/2x2-1/12	7	8x8	30	9
2-04	500	800	1.80			15	20	"		4-1/8x2-1/12	7	8x12	30	9
2-05	650	1040	2.25			15	28	"		4-2/3x2-1/12	7	8x12	30	9
2-06	800	1280	2.70	Net IBR		15	32	"		5-1/8x2-1/12	7	8x12	30	9
Series A and AF Capitol Gas Boilers (Cast-Iron Square)														
A-3	180	290		AGA						*1x1-1/2				4
A-4	270	430								1-1/4x1-1/2				5
A-5	360	575								1-1/2x1-1/2				5
A-6	450	720								1-3/4x1-1/2				6
A-7	540	865								2x1-1/2				6
A-9	720	1150								2-1/2x1-1/2				5
A-11	900	1440								3x1-1/2				5
A-13	1080	1730								3-2/3x1-1/2				6
A-15	1260	2015								4-1/8x1-1/2				7
* Add 11/16 in. for "AE" Series Boilers														
Series "C" Capitol Gas Boilers														
13	420	670		AGA						1-1/3x2-2/3				4
24	630	1005								1-2/3x2-2/3				6
25	840	1340								2x2-2/3				7
36	1050	1675								2-1/4x2-2/3				9
37	1260	2010								2-2/3x2-2/3				9
49	1680	2680								3-1/4x2-2/3				10
511	2100	3350								3-5/8x2-2/3				11
Capitol "C" Series (Cast-Iron Round)														
0-3	500	800	1.66		52.3	23	15-3/8					8x12	30	
0-4	700	1120	2.33		74.0	23	23-3/8					8x12	30	
0-5	900	1440	3.00		97.3	23	31-3/8					8x12	35	
0-6	1100	1760	3.66		119.8	23	30-3/8					12x12	35	
0-7	1300	2080	4.33		142.5	23	47-3/8					12x12	40	
Capitol Boilers 26 Inch (Cast-Iron Round) (Obsolete)														
526	900	1500		Direct		30	24	32						
626	1125	1850				30	30	38						
726	1375	2275				30	36	44						
826	1650	2725				30	42	50						
926	1925	3175				30	48	58						
Capitol Solar Boiler (Cast-Iron Round) (Obsolete)														
216	225	374		Direct		17-7/8								
316	275	450				17-7/8								
416	325	525				17-7/8								
220	325	525				21-7/8								
320	375	625				21-7/8								
420	425	700				21-7/8								
520	475	775				24-3/4								
223	475	775				24-3/4								
323	525	875				24-3/4								
423	575	950				24-3/4								
523	625	1025				28-1/8								
326	625	1025				28-1/8								
426	675	1125				28-1/8								
526	750	1250				28-1/8								
626	850	1400				32								
329	900	1500				32								
429	1025	1700				32								
529	1125	1875				32								
629	1200	2000				32								

**U. S. RADIATOR CORP. (4)**

(More listings under National-U. S.)

Boiler Model No.	Rating		Minimum Firing Rate		Heating Surface Sq. Ft.	Firebox		Floor to Crown Sheet	Grate Size	Floor Area	Base Height (In.)	Chimney		Smoke Pipe Diam. (In.)
	Steam	Water	Gals. Oil per hr.	Lbs. Coal per hr.		Width	Length					Size (In.)	Height (Ft.)	
Capitol Gas Boiler Series 2 (Obsolete)														
2-2		260												
2-3	320	510	AGA											
2-4	480	770												
2-5	640	1020												
2-6	800	1280												
2-7	960	1540												
2-8	1120	1790												
2-9	1280	2050												
2-10	1440	2300												
Capitol Gas Boilers Series 4 (Obsolete)														
4-4	660	1060												
4-5	880	1410												
4-6	1100	1760												
4-7	1320	2110												
4-8	1540	2460												
4-9	1760	2820												
4-10	1980	3170												
Capitol 180 Series (Obsolete)														
184	400	650												
185	550	910												
186	700	1170												
187	850	1430												
Capitol 200 Series (Obsolete)														
204	600	1000												
205	800	1300												
206	1000	1650												
207	1200	2000												
Capitol 250 Series (Obsolete)														
255	1100	1825												
256	1350	2225												
257	1600	2650												
258	1850	3050												
Capitol G-270 Series (Obsolete)														
G-276	1350	2250												
G-277	1650	2720												
G-278	1950	3210												
G-279	2250	3700												
Furman Sectional Boilers - 180-220 Series (Obsolete)														
184	400	650				20	17½							10
185	550	910				20	24							10
186	700	1170				20	30							10
187	850	1430				20	36							10
225	800	1320				27	23							12
226	1000	1650				27	29							12
227	1200	1980				27	35							12
228	1400	2310				27	42							12
Capitol Improved Sectional Boilers - 25 Series (Obsolete)														
1425	450	750				25	19							12
425	525	875				25	19							12
1525	625	1025				25	25½							12
525	700	1150				25	25½							12
1625	800	1325				25	32							12
825	875	1450				25	32							12
1725	975	1600				25	38½							12
725	1050	1725				25	38½							12
1825	1150	1900				25	45							12
825	1225	2025				25	45							12
Capitol Improved Sectional Boilers - 37 Series (Obsolete)														
1537	1350	2225				37	30							16
537	1500	2475				37	30							16
1637	1700	2800				37	37½							16
637	1925	3175				37	37½							16
Furman Sectional Steam Boilers 270-330 Series (Obsolete)														
276	1350	2250				32	31							14
277	1650	2720				32	38							14
278	1950	3210				32	45							14

U. S. RADIATOR CORP. (5)

(More listings under National-U.S.)

Boiler Model No.	Rating		Minimum Firing Rate		Heating Surface Sq. Ft.	Firebox		Floor to Crown Sheet	Grate Size	Floor Area	Base Height (In.)	Chimney		Smoke Pipe Diam. (In.)
	Steam	Water	Gals. Oil per hr.	Lbs. Coal per hr.		Width	Length					Size (In.)	Height (Ft.)	
Sunray Sectional Steam Boilers 50-E and 90-A Series (Obsolete)														
54E	450	750				20	20							8
55E	600	1000				20	26							8
56E	750	1250				20	32							10
57E	900	1500				20	38							10
95A	800	1325				24	30							10
96A	1000	1650				24	36							10
97A	1200	1975				24	42							12
98A	1400	2300				24	48							12
Capitol Solar Boiler Improved (Obsolete)														
702	250	400				17	Dia.							
1002	300	500				17	"							
1003	350	575				17	"							
1004	400	650				17	"							
1402	450	750				20	"							
1403	500	825				20	"							
1404	550	900				20	"							
1803	625	1025				23	"							
1804	700	1150				23	"							
1805	750	1250				23	"							
2403	800	1325				26	"							
2404	900	1500				26	"							
2405	975	1600				26	"							
3303	1100	1825				29	"							
3304	1225	2025				29	"							
3305	1325	2175				29	"							
Furman Round Boilers (Obsolete)														
16-0	250					16	Dia.							
16-1	300					16	"							
16-2	350					16	"							
19-0	380					19	"							
19-1	400					19	"							
19-2	450					19	"							
22-0	500					22	"							
22-1	550					22	"							
22-2	600					22	"							
22-3	650					22	"							
25-0	675					25	"							
25-1	700					25	"							
25-2	800					25	"							
25-3	900					25	"							
29-0	950					29	"							
29-1	1000					29	"							
29-2	1100					29	"							
29-3	1200					29	"							
0-16		425				16	"							
1-16		500				16	"							
2-16		575				16	"							
0-19		625				19	"							
1-19		650				19	"							
2-19		750				19	"							
0-22		850				22	"							
1-22		900				22	"							
2-22		1000				22	"							
3-22		1100				22	"							
0-25		1100				25	"							
1-25		1150				25	"							
2-25		1325				25	"							
3-25		1500				25	"							
0-29		1500				29	"							
1-29		1650				29	"							
2-29		1825				29	"							
3-29		2000				29	"							

U. S. RADIATOR CORP. (6)

(More listings under National-U. S.)

Boiler Model No.	Rating		Minimum Firing Rate		Heating Surface Sq. Ft.	Firebox		Floor to Crown Sheet	Grate Size	Floor Area	Base Height (In.)	Chimney		Smoke Pipe Diam. (In.)
	Steam	Water	Gals. Oil per hr.	Lbs. Coal per hr.		Width	Length					Size (In.)	Height (Ft.)	
U. S. Boilers (Obsolete)														
525	700	1150				25	25½			25-1/2x52				
625	875	1450				25	32			25-1/2x52-1/2				
725	1050	1725				25	38½			25-1/2x45				
825	1225	2025				25	45			25-1/2x51-1/6				
"Triton" Boilers for Steam - (Cast-Iron Round) (Obsolete)														
161	250									18 Dia.				7
162	290									16 "				7
163	320									18 "				7
161	340									18 "				8
182	390									18 "				8
163	420									18 "				8
211	440									21 "				9
212	530									21 "				9
213	575									21 "				9
241	600									24 "				10
242	700									24 "				10
243	750									24 "				10
271	790									27 "				11
272	910									27 "				11
273	980									27 "				11
301	1050									30 "				12
302	1225									30 "				12
303	1350									30 "				12
341	1400									34 "				13
342	1600									34 "				13
343	1720									34 "				13
"Triton" Boilers for Water (Cast-Iron Round) (Obsolete)														
116		420								16 Dia.				7
216		490								16 "				7
316		535								16 "				7
118		570								18 "				8
218		650								18 "				8
318		700								18 "				8
121		735								21 "				9
221		885								21 "				9
321		950								21 "				9
124		1000								24 "				10
224		1170								24 "				10
324		1250								24 "				10
127		1310								27 "				11
227		1535								27 "				11
327		1635								27 "				11
130		1750								30 "				12
230		2045								30 "				12
330		2250								30 "				12
134		2335								34 "				13
234		2870								34 "				13
334		2870								34 "				13
Capitol Smokeless Boilers - 20 Inch Series (Cast-Iron Round) (Obsolete)														
520	600	980	Direct						3.48			12x12	40	
620	800	1320							4.37			12x12	40	
720	1000	1650							5.26			12x16	40	
820	1200	1980							6.15			12x16	45	
Capitol Smokeless Boilers - 27 Inch Series (Cast-Iron Round) (Obsolete)														
627	1000	1650	Direct						5.32			12x12	40	
727	1225	2020							6.55			12x12	40	
827	1450	2390							7.78			12x12	45	
927	1675	2760							9.01			12x16	45	
1027	1900	3135							10.24			12x16	45	



U. S. RADIATOR CORP. (7)

(More listings under National-U. S.)

Boiler Model No.	Rating		Minimum Firing Rate		Heating Surface Sq. Ft.	Firebox		Floor to Crown Sheet	Grate Size	Floor Area	Base Height (In.)	Chimney		Smoke Pipe Diam. (In.)
	Steam	Water	Gals. Oil per hr.	Lbs. Coal per hr.		Width	Length					Size (In.)	Height (Ft.)	
Capitol Black Top Boiler (Cast-Iron Round)														
* 6A	280	460	Direct						1.96	Dia.		8x12	30	
7A	355	585						2.45				8x12	30	
8A	430	710						2.84				8x12	35	
9A	505	835						3.43				8x12	35	
10A	580	960						3.92				8x12	35	
11A	655	1085						4.41				8x12	40	
* Prefix "O" indicates Boiler for Oil														
Capitol Sunray No. 3 Series (Cast-Iron Square)														
R-23	150	240	Hand Firing									8x8	30	
R-33	220	355										8x8	30	
R-43	300	480										8x8	35	
R-53	450	720										8x8	32	
R-63	600	960										8x8	34	
R-23	260	415	1.00		Mechanical Firing							8x8	28	
R-33	310	500	1.15									8x8	30	
R-43	400	640	1.45	16								8x8	32	
R-53	550	880	1.95	22								8x8	34	
R-63	700	1120	2.35	28								8x8	36	
Rating: Net IBR														
Capitol Sunray No. 9 Series - Mechanical Firing (Cast-Iron Square)														
* 9-04	925	1480	3.25	36								8x12	35	
9-05	1245	1990	4.30	48								8x12	35	
9-06	1565	2500	5.30	59								12x12	40	
9-07	1885	3020	6.30	70								12x12	45	
9-08	2205	3530	7.15	81								12x16	50	
9-09	2525	4040	7.95	82								12x16	50	
* Stoker Fired Boilers are 9-4 9-5, etc.														
U.S. 46 Series Boilers or Boiler-Burner Unit (Cast-Iron Square)														
46-3	310	500	1.15		25.29	18 x 17-9/16	25.75		3.45	Sq. Ft.	None	8x8	30	8
46-4	400	640	1.45		31.41	16 x 18-1/16	25.75		4.10			8x8	32	8
46-5	550	880	1.95		39.65	16 x 21-1/16	25.75		5.12			8x8	34	8
46-6	700	1120	2.45		47.90	16 x 27-1/16	25.75		6.14			8x8	36	8
U.S. RB Series (Cast-Iron Square)														
* RB-33	360	575	1.35		26.17	16 x 2-9/16	37.75		3.45	Sq. Ft.	12	8x8	30	8
* RB-43	450	720	1.85	18.0	32.12	16 x 16-1/16	37.75		4.10		12	8x8	32	8
* RB-53	595	950	2.10	24.0	40.19	16 x 21-9/16	37.75		5.12		12	8x8	34	8
* RB-63	745	1190	2.60	29.0	48.26	16 x 27-1/16	37.75		6.14		12	8x8	36	8
RB-43	300	480			32.12	16 x 16-1/16	37.75	1.78	Sq. Ft.		12	8x8	30	8
RB-53	450	720			40.19	16 x 21-9/16	37.75	2.59			12	8x8	32	8
RB-63	600	920			48.26	16 x 27-1/16	37.75	3.00			12	8x8	34	8
Rating: Net IBR Ratings.														
* Oilfired Rating obtained with Baffles														
Weston Boilers (Cast-Iron Round) (1901-1908) (Obsolete)														
16-A	250	400	Cap.											
16-B	300	475												
18-A	350	575												
18-B	400	650												
21-A	500	750												
21-B	600	850												
Capitol-Winchester Sectional Boilers (Cast-Iron Round) (1912-1928) (Obsolete)														
14	135	215				15" Grate Dia.		1.23		(Also Model 130*)				
15	145	230				15		1.23		" " 140*				
24	150	240				17		1.58		" " 230*				
25	175	280				17		1.58		" " 240*				
31	200	320				19		1.87						
32	215	345				19		1.87						
33	225	360				19		1.87						
34	230	370				20		2.18		(Also Model 330*)				
35	245	390				20		2.18		" " 340*				
36	260	415				20		2.18		" " 350*				
37	275	440				20		2.18						
44	300	480				23		2.76						
45	320	510				23		2.76		(Also Model 410*)				
46	340	545				23		2.76		" " 420*				
47	360	575				23		2.76		" " 450*				

**U. S. RADIATOR CORP. (8)**

(More listings under National-U. S.)

Boiler Model No.	Rating		Minimum Firing Rate		Heating Surface Sq. Ft.	Firebox		Floor to Crown Sheet	Grate Size	Floor Area	Base Height (In.)	Chimney		Smoke Pipe Diam. (In.)
	Steam	Water	Gals. Oil per hr.	Lbs. Coal per hr.		Width	Length					Size (In.)	Height (Ft.)	
54	355	570				25"	Grate Dia.		3.27					
55	370	590				25			3.27	(Also Model 440*)				
56	385	615				25			3.27	" "	450*			
57	400	640				25			3.27	" "	460*			
64	450	720				27			3.97					
65	475	780				27			3.97	(Also Model 510*)				
66	500	800				27			3.97	" "	520*			
67	525	840				27			3.97	" "	530*			
74	490	785				29			4.59					
75	540	865				29			4.59	(Also Model 540*)				
76	590	945				29			4.59	" "	550*			
77	640	1025				29			4.59	" "	560*			
84	600	960				33			5.94					
85	650	1040				33			5.94	(Also Model 640*)				
86	700	1120				33			5.94	" "	650*			
87	750	1200				33			5.94	" "	660*			

Rating: Direct Cast-Iron Radiator Load.

\* - May have initial No. 1 or 3 for Steam Boilers; 2 or 4 for Hot Water Boilers.

**UNION STOVE WORKS**

(1) "Aster" Boilers (Cast Iron-Square)														
415	375	600								17x16				
515	500	800								17x21				
615	625	1000								17x26				
715	750	1200								17x31				
521	1000	1650								21x28				
621	1200	2000								21x35				
721	1400	2325								21x42				
821	1600	2650								21x49				
528	1350	2225								28x38				
628	1700	2800								28x35				
728	2050	3380								28x42				
(1) Add "0" after numbers for water boilers.														
(1) "Aster" Boilers (Cast Iron-Round)														
1019	300									19"dia.				7
2019	350									19 "				7
3019	400									19 "				7
1022	450									22 "				9
2022	525									22 "				9
3022	600									22 "				9
1025	650									25 "				9
2025	725									25 "				9
3025	800									25 "				9
2190		400								17 "				7
3170		500								17 "				7
4170		550								17 "				7
2190		675								19 "				8
3190		750								19 "				8
4190		825								19 "				8
2220		800								22 "				9
3220		875								22 "				9
4220		950								22 "				9
1250		1050								25 "				10
2250		1150								25 "				10
3250		1250								25 "				10
4250		1350								25 "				10
2280		1400								28 "				12
3280		1500								28 "				12
4280		1600								28 "				12
5280		1700								28 "				12

(Continued next page)

### UNION STOVE WORKS

Boiler Model No.	Rating		Minimum Firing Rate		Heating Surface Sq. Ft.	Firebr		Floor to Crown Sheet	Grate Size	Floor Area	Base Height (In.)	Chimney		Smoke Pipe Diam. (In.)
	Steam	Water	Gals. Oil per hr.	Lbs. Coal per hr.		Width	Length					Size (In.)	Height (Ft.)	
	"Invader"		Boilers (Cast Iron)		Round									
15	250	400							15					6
19	425	675							19					8
22	525	850							22					9
25	650	1050							25					10
28		1300							28					12
17		525							17					7

### UNITED WELDING & BOILER WORKS

	Low Pressure Heating		Boilers (Sectional Types)						
UW 8	1360	2160	80	23	38 $\frac{1}{2}$		30x48x47	10	
UW13	2273	3591	135	27	54		34x60x50	10	
UW17	2948	4898	174	28	54		34x60x58	12	

### UNIVERSAL SMOKELESS BOILER CO.

	Universal Cast Iron Sectional Boiler - Gas or Oil Firing (1923)								
41TS	480								
51TS	660								
61TS	840								
32TS	1020								
42TS	1200								
52TS	1380								
62TS	1560								
72TS	1740								
33TS	1920								
41P	400	665							
51P	550	905							
61P	700	1145							
32P	850	1385							
42P	1000	1625							
52P	1150	1865							
62P	1300	2105							
72P	1450	2345							
33P	1600	2585							
43P	1750	2825							
53P	1900	3065							

### UTICA HEATER CO. (1).

	Super-Smokeless (Cast Iron Square)								
S-245	1200		36			4.88			12
S-246	1500		44			6.10			12
S-247	1800		52			6.10			14
S-248	2100					7.32			14
S-249	2400					7.32			14
S-335	2000					6.95			15
S-336	2500					8.68			15
S-337	5000					10.42			15
W-245		1975	36			4.88			12
W-246		2475	44			6.10			12
W-247		2975	52			6.10			14
W-248		3475				7.32			14
W-249		3975				7.32			14
W-335		5325				6.95			15
W-336		4175				8.68			15
W-337		5000				10.42			15

UTICA HEATER CO. (2)

Boiler Model No.	Rating		Minimum Firing Rate		Heating Surface Sq. Ft.	Firebox		Floor to Crown Sheet	Grate Size	Floor Area	Base Height (in.)	Chimney		Smoke Pipe Diam. (in.)
	Steam	Water	Gals. Oil per hr.	Lbs. Coal per hr.		Width	Length					Size (in.)	Height (Ft.)	
Imperial Sectional Boilers (Cast Iron Square)														
S-423	750								5.75					12
S-523	1000								4.96					12
S-623	1250								6.16					12
S-723	1500								7.36					14
S-823	1750								7.36					14
S-923	2000								7.36					14
S-532	1700								7.52					12
S-632	2150								9.10					12
S-732	2600								10.87					12
W-423		1200							3.75					12
W-523		1600							4.96					12
W-626		2000							6.16					12
W-726		2400							7.36					14
W-826		2800							7.36					14
W-926		3200							7.36					14
W-632		3440							9.10					12
W-732		4160							10.87					12
Imperial Round Sectional Boilers 19" Series														
19-2	300	500							1.77					8
19-3	350	575							1.77					8
19-4	400	650							1.77					8
Imperial Round Sectional Boiler 22" Series														
22-2	425	700							2.40					9
22-3	500	800							2.40					9
22-4	550	900							2.40					9
Imperial Round Sectional Boiler 25" Series														
25-2	550	900							3.14					9
25-3	625	1025							3.14					9
25-4	700	1150							3.14					9
25-5	775	1275							3.14					9
Imperial Round Sectional Boiler 28" Series														
28-2	800	1325							3.97					10
28-3	900	1500							3.97					10
28-4	1000	1650							3.97					10
28-5	1100	1800							3.97					10
Imperial Square Sectional Boilers 14" Series														
414	350	600							1.75					8
514	450	750							2.33					8
614	550	900							2.92					8
Imperial Square Sectional Boilers - 20" Series														
520	700	1200							3.33					10
620	850	1450							4.17					10
720	1000	1700							5.00					10
820	1150	1950							5.83					10
920	1300	2200							6.66					10
Imperial Square Sectional Boilers - 30" Series														
530	1400	2250							6.88					12
630	1750	2850							8.61					12
730	2100	3450							10.33					12
830	2450	4050							12.05					14
930	2800	4650							13.77					14
1030	3150	5250							15.50					14
Imperial Down Draft Smokeless Boilers - 30" Series														
030	1500	2450							13.33					15
035	1800	2950							16.66					15
040	2100	3450							20.00					15
045	2400	3950							20.00					16
050	2700	4450							23.33					16
055	3000	4950							23.33					16
Imperial Sectional Round Boilers - 25" Series														
225	500	850	Direct			25				31 Dia.				10
325	625	1025				25				31 "				10
425	750	1200				25				31 "				10
525	850	1350				25				31 "				10

**UTICA HEATER CO. (3)**

Boiler Model No.	Rating		Minimum Firing Rate		Heating Surface Sq. Ft.	Firebox		Floor to Crown Sheet	Grate Size	Floor Area	Base Height (In.)	Chimney		Smoke Pipe Diam. (In.)
	Steam	Water	Gals. Oil per hr.	Lbs. Coal per hr.		Width	Length					Size (In.)	Height (Ft.)	
<b>Imperial One Piece Round Steam Boilers - "A" Series</b>														
215A	175	Direct				15				24 Dia.				7
218A	275					18				27 "				8
221A	425					21				30 "				8
224A	540					24				33 "				9
227A	700					27				36 "				10
<b>Imperial One Piece Round Steam Boilers - "X" Series</b>														
215X	225	Direct				15				24 "				7
218X	325					18				27 "				8
221X	475					21				30 "				8
224X	600					24				33 "				9
<b>Imperial One Piece Round Water Boilers "A" Series</b>														
315A		325	Direct			15				24 "				7
318A		500				18				27 "				8
321A		700				21				30 "				8
324A		900				24				33 "				9
327A		1200												
<b>Imperial One Piece Round Water Boilers "X" Series</b>														
315X		375	Direct			15				24 "				7
318X		575				18				27 "				8
321X		775				21				30 "				8
324X		1000				24				33 "				9
<b>14" Series Boilers</b>														
314	250	425	Direct			14	12							8
414	350	585				14	18							8
514	450	745				14	24							8
614	550	900				14	30							8
<b>18" Series Boilers</b>														
418	450	750	Direct			18	18							10
518	575	950				18	24							10
618	700	1150				18	30							10
718	825	1350				18	36							10
818	950	1550				18	42							10
918	1075	1750				18	48							10
<b>20" Series Boilers</b>														
420	500	800	Direct			20	18							10
520	625	1000				20	24							10
620	750	1200				20	30							10
720	875	1400				20	36							10
820	1000	1600				20	42							10
920	1125	1800				20	48							10
<b>22" Series Boilers</b>														
522	700	1150	Direct			22	24							12
622	900	1475				22	30							12
722	1100	1800				22	36							12
822	1300	2125				22	42							12
922	1500	2450				22	48							12
1022	1700	2775				22	54							12
<b>26" Series Boilers</b>														
626	1200	1950	Direct			26	30							12
726	1450	2350				26	36							12
826	1700	2750				26	42							12
926	2000	3200				26	48							14
1026	2250	3600				26	54							14
1126	2500	4000				26	60							14
<b>Imperial Sectional Round Boilers - 20" Series</b>														
220	300	500				20				26				8
320	400	650				20				26				8
420	500	800				20				26				8

**UTICA RADIATOR CORP. (1)**

Boiler Model No.	Rating		Minimum Firing Rate		Heating Surface Sq. Ft.	Firebox		Floor to Crown Sheet	Grate Size	Floor Area	Base Height (In.)	Chimney		Smoke Pipe Diam. (In.)
	Steam	Water	Gals. Oil per hr.	Lbs. Coal per hr.		Width	Length					Size (In.)	Height (Ft.)	
Blue Circle Series "DW" Gas Fired Boilers (Natural Mixed or Mfg.)														
4		315								12x14x42 <sup>1</sup> / <sub>2</sub> **				5
6		460								17x14x42 <sup>1</sup> / <sub>2</sub> **				6
8		600								22x14x42 <sup>1</sup> / <sub>2</sub> **				7 <sup>1</sup> / <sub>2</sub>
* Flush Jacket Rating: IBR														
"Small Home Boiler" (Cast-Iron Square) (Obsolete)														
32		320	1.00	Max.		12	13 <sup>1</sup> / <sub>2</sub>					8x8	20	7
42		420	1.20			12	17 <sup>1</sup> / <sub>2</sub>					8x8	20	7
52		520	1.32			12	20 <sup>1</sup> / <sub>2</sub>					8x8	25	7
Rating: Net Installed Radiation														
"OA" Series Oil Burning Boiler (Cast Iron Square) (Obsolete)														
OA-5	305	490			26.4		16-3/8			4-1/8x2-1/12	**	8x8	30	9
OA-6	365	585			31.4		20-5/8			4-1/2x2-1/12		8x8	35	9
OA-7	425	680			36.5		24-7/8			4-5/8x2-1/12		8x12	35	9
OA-8	485	775			41.5		29-1/8			5-1/8x2-1/12		8x12	35	9
** Water Boiler; Steam Boiler is 3" wider														
Rating: Guaranteed Load.														
"OB" Series Oil Burning Boiler (Cast-Iron Square)														
OB-4	410	650	1.50	16		20	17-3/8			4x2-1/4	12	8x8	25	9
OB-5	540	865	1.90	21		20	23-3/8			4-1/2x2-1/4	12	8x8	30	9
OB-6	670	1070	2.3	26		20	29-3/8			5x2-1/4	12	8x12	30	9
OB-7	800	1280	2.7	31		20	35-3/8			5-1/2x2-1/4	12	8x12	35	9
OB-8	920	1460				20	41-3/8			6x2-1/4	12			9
Rating: Net IBR.														
"Red Square" Boilers 17 Series Coal (Cast-Iron Square)														
417	210	335					16-3/8		2.0	1-3/4x2-1/12	11 <sup>1</sup> / <sub>2</sub>	8x8	30	9
517	295	470	Guar. Load				20-5/8		2.5	2-1/12x2-1/12	11 <sup>1</sup> / <sub>2</sub>	8x8	35	9
617	380	605					24-7/8		3.0	2-1/2x2-1/12	11 <sup>1</sup> / <sub>2</sub>	8x12	35	9
717	465	740					29-1/8		3.5	2-5/8x2-1/12	11 <sup>1</sup> / <sub>2</sub>	8x12	35	9
817	540	865					33-3/8		4.0	3-1/8x2-1/12	11 <sup>1</sup> / <sub>2</sub>	8x12	35	9
917	615	985					37-5/8		4.5	3-1/2x2-1/12	11 <sup>1</sup> / <sub>2</sub>	8x12	40	9
1017	740	1230												
Rating: Net IBR.														
"Red Square" Boilers 17 Series Oil (Cast-Iron Square) Oil and Stoker														
5170	320	510	1.25	13			16-3/8		2.0	1-3/4x2-1/12	11 <sup>1</sup> / <sub>2</sub>	8x8	30	9
6170	370	590	1.40	15			20-5/8		2.5	2-1/12x2-1/12	11 <sup>1</sup> / <sub>2</sub>	8x8	35	9
7170	430	680	1.60	17			24-7/8		3.0	2-1/2x2-1/12	11 <sup>1</sup> / <sub>2</sub>	8x12	35	9
8170	490	770	1.80	19			29-1/8		3.5	2-5/8x2-1/12	11 <sup>1</sup> / <sub>2</sub>	8x12	35	9
9170	540	880	2.00	21			33-3/8		4.0	3-1/8x2-1/12	11 <sup>1</sup> / <sub>2</sub>	8x12	40	9
10170	650	1045					37-5/8		4.5	3-1/2x2-1/12	11 <sup>1</sup> / <sub>2</sub>	8x12	40	9
Rating: Net IBR.														
"Red Square" Boilers 25 Series Coal (Cast-Iron Square)														
525	750	1200					23-1/4		4.00	2-7/12x2-11/12	13	12x12	35	12
625	950	1520					29-1/4		5.02	3-1/12x2-11/12	13	12x12	37	12
725	1150	1840					35-1/4		6.04	3-7/12x2-11/12	13	12x12	39	12
825	1350	2180					41-1/4		7.06	4-1/12x2-11/12	13	12x16	41	12
925	1425	2280					47-1/4		8.08	4-7/12x2-11/12	13	12x16	43	12
1025	1500	2400					53-1/4		9.10	5-1/12x2-11/12	13	16x16	45	12
1125	1725	2760					59-1/4		10.12	5-7/12x2-11/12	13	16x16	50	12
1225	1900	3040					65-1/4		11.14	6-1/12x2-11/12	13	16x16	50	12
Rating: Net IBR.														
"Red Square" Boilers 25 Series Oil (Cast-Iron Square)														
5250	530	850	Net Load				23-1/4		4.00	2-7/12x2-11/12	13	12x12	35	12
6250	635	1015					29-1/4		5.02	3-1/12x2-11/12	13	12x12	35	12
7250	740	1180					35-1/4		6.04	3-7/12x2-11/12	13	12x12	40	12
8250	845	1345					41-1/4		7.06	4-1/12x2-11/12	13	12x16	40	12
9250	950	1510					47-1/4		8.08	4-7/12x2-11/12	13	12x16	45	12
10250	1055	1675					53-1/4		9.10	5-1/12x2-11/12	13	16x16	45	12
11250	1160	1840					59-1/4		10.12	5-7/12x2-11/12	13	16x16	50	12
12250	1265	2005					65-1/4		11.14	6-1/12x2-11/12	13	16x16	50	12
"Utica 3" Boiler (Cast-Iron Square)														
31	435	610					20x17-5/8	32	2.27		12	8x8	30	
32	540	860					20x25-5/8	32	3.05		12	8x12	30	
33	645	1030					20x29-5/8	32	3.84		12	8x12	35	
34	750	1200					20x35-5/8	32	4.62		12	8x12	40	

**UTICA RADIATOR CORP. (2)**

Boiler Model No.	Rating		Minimum Firing Rate		Heating Surface Sq. Ft.	Firebox		Floor to Crown Sheet	Grate Size	Floor Area	Base Height (In.)	Chimney		Smoke Pipe Diam. (In.)
	Steam	Water	Gals. Oil per hr.	Lbs. Coal per hr.		Width	Length					Size (In.)	Height (Ft.)	
A31	Oil or Stoker Fired	410	850	1.5	18	20x17-3/8	32	2.27			12	8x8	25	
A32		540	865	1.9	21	20x23-3/8	32	3.05			12	8x12	30	
A33		870	1070	2.3	28	20x29-3/8	32	3.84			12	8x12	30	
A34		800	1280	2.7	31	20x35-3/8	32	4.82			12	8x12	35	
Rating: Net I-B-R. Starfire Oilburning Boiler (Cast-Iron Square)														
03		240	445	0.9								8x8	15	8
04		350	610	1.2								8x8	15	7
05		420	765	1.5								8x8	15	7
06		510	925	1.8								8x8	15	8
07		800	1080	2.1								8x8	15	8
Rating: Net I-B-R. Constellation Gas Boiler (Cast-Iron Square)														
1G4			290											
1G5			375											
1G6			460											
1G7			555											
1G8			645											
2G4	300	555												
2G5	385	705												
2G6	470	855												
2G7	560	1010												
2G8	645	1180												
Rating: Net I-B-R. Utica "1" Wet Base, Oilfired Boiler (Cast-Iron Square) No longer in production)														
014		305	565	1.1		15	12-7/8			21x16-1/2		8x8	20	
015		405	740	1.45		15	17-3/8			21x21		8x8	20	
016		505	915	1.8		15	21-7/8			21x25-1/2		8x8	25	
017		605	1090	2.1		15	26-3/8			21x30		8x12	25	
018		705	1260	2.4		15	30-7/8			21x34-1/2		8x12	30	
Rating: Net I-B-R.														

**UTICA STRUCTURAL STEEL CO.**

Model	Rating	Capacity	Minimum Firing Rate	Heating Surface	Firebox	Floor to Crown Sheet	Grate Size	Floor Area	Base Height	Chimney	Smoke Pipe Diam.
U-320	320	510	.8*	24		20			20	26	6
U-400	400	640	1.0*	30		20			20	26	6
U-550	550	860	1.35*	38		22			22	26	8
U-700	700	1120	1.75*	52		24			24	30	10
U-900	900	1440	2.25*	59		24			24	30	10
*ALSO GAS FIRED W/EQUIVALENT BTU											
UTICA SQUARE BOILER (STEEL)											
A	500	800	1.2	29.5		20				35	8
RATING: MIN SBI NET											
THRASATHEW WET BASE GAS OR OILFIRED BOILERS (SQUARE, STEEL)											
550-S	550	Cap.		29.5				21 1/2 x 20			8
880-HV		880		29.5				21 1/2 x 20			8