

IDEAL 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.)	
"Seventeen" Series - Coal (Cast-Iron Square) (Obsolete)														
517	290	465			32.21	17	17	36	2.0		10			9
617	370	590			38.90	17	21	36	2.5		10			9
717	450	720			45.59	17	25	36	3.0		10			9
817	530	850			52.28	17	29	36	3.5		10			9
917	610	975			58.97	17	33	36	4.0		10			9
"Seventeen" Series - Oil (Cast-Iron Square) (Obsolete)														
517	320	510			32.21	17	17	36	2.0		10			9
617	370	590			38.90	17	21	36	2.5		10			9
717	430	690			45.59	17	25	36	3.0		10			9
817	480	770			52.28	17	29	36	3.5		10			9
917	540	860			58.97	17	33	36	4.0		10			9
Rating: Installed Radiation, Sq. Ft.														
"Nineteen" Series - Coal (Cast-Iron Square) (Obsolete)														
519	370	590			24.58	19	16-1/2	35	2.18		10			9
619	450	720			30.52	19	20-3/4	35	2.74		10			9
719	530	850			34.75	19	25	35	3.27		10			9
819	610	975			40.69	19	29-1/4	35	3.83		10			9
919	690	1100			44.92	19	33-1/2	35	4.35		10			9
1019	770	1225			50.86	19	37-3/4	35	5.00		10			9
1119	850	1350			55.09	19	42	35	5.55		10			9
1219	930	1475			61.03	19	46-1/4	35	6.20		10			9
"Nineteen" Series - Oil (Cast-Iron Square) (Obsolete)														
519	370	590			24.58	19	16-1/2	35	2.18		10			9
619	430	690			30.52	19	20-3/4	35	2.74		10			9
719	480	770			34.75	19	25	35	3.27		10			9
819	540	860			40.69	19	29-1/4	35	3.83		10			9
919	600	950			44.92	19	33-1/2	35	4.35		10			9
1019	660	1040			50.86	19	37-3/4	35	5.00		10			9
1119	720	1130			55.09	19	42	35	5.55		10			9
1219	780	1240			61.03	19	46-1/4	35	6.20		10			9
Rating: Installed Radiation Sq. Ft.														
"Twenty-Three" Series - Coal or Oil (Cast Iron-Square) (Obsolete)														
923	820	1310			71.3	23-1/4	32	35	5.3		12			12
1023	905	1450			76.5	23-1/4	36	35	6.0		12			12
1123	1090	1745			86.9	23-1/4	40	35	6.7		12			12
1223	1275	2040			91.1	23-1/4	44	35	7.3		12			12
1323	1360	2175			101.5	23-1/4	48	35	8.0		12			12
"Thirty" Series - Coal (Cast-Iron Square) (Obsolete)														
530	1200	1920			64.33	30	27-1/2		5.38					14
630	1500	2400			77.35	30	33-3/4		6.70					14
730	1800	2880			90.38	30	40		8.02					14
830	2100	3360			103.41	30	46-1/4		9.34					14
"Thirty" Series - Oil (Cast-Iron Square) (Obsolete)														
730	1200	1920			90.38	30	40		8.02					14
830	1425	2280			103.41	30	46-1/4		9.34					14
930	1650	2640			116.45	30	52-1/2		10.66					14
1030	1875	3000			129.46	30	58-3/4		11.98					14
1130	2100	3360			142.49	30	65		13.30					14
Rating: Installed Radiation														
"Radiant" Round Series - Coal (Cast Iron Round) (Obsolete)														
1184	240	390			14.72	18			1.77					7
1185	260	415			18.66	18			1.77					7
1186	285	450			22.64	18			1.77					7
1204	330	530			19.77	20			2.18					8
1205	360	575			25.09	20			2.18					8
1206	380	610			30.41	20			2.18					8
1224	380	610			23.25	22			2.64					9
1225	440	705			29.55	22			2.64					9
1226	460	735			35.90	22			2.64					9
1254	500	800			27.54	25			3.41					9
1255	580	930			35.69	25			3.41					9
1256	625	1000			43.84	25			3.41					9
1284	600	960			31.84	28			4.27					10
1285	750	1200			41.25	28			4.27					10
1286	800	1280			50.66	28			4.27					10

IDEAL 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.)	
"Radiant" Round Series - Oil (Cast Iron Round) (Obsolete)														
1185	260	420			18.68	18			1.77					7
1186	330	520			22.64	18			1.77					7
1205	320	510			25.09	20			2.18					8
1206	410	660			30.41	20			2.18					8
1225	370	590			29.55	22			2.64					9
1226	470	750			35.90	22			2.64					9
1255	460	735			35.69	25			3.41					9
1256	580	930			43.84	25			3.41					9
1285	580	930			41.25	28			4.27					10
1286	730	1170			50.66	28			4.27					10
Rating: Installed Radiation Sq. Ft.														
"Radiant" Oil Burning Boilers (Obsolete)														
3104	440	700												
3105	630	1010												
3106	735	1175												
3107	855	1350												
3108	975	1520												
3109	1060	1695												
"Radiant" Sectional Oil Burning Boilers (Obsolete)														
0-356	1250	2005							7.70					
0-357	1450	2330							9.16					
0-358	1750	2835							10.62					
0-359	2000	3200							12.08					
"Radiant" Sectional Boiler (Obsolete)														
255	750	1250							4.79					
256	900	1450							5.65					
257	1050	1700							6.72					
258	1250	2000							7.79					
355	1050	1680							6.25					
356	1250	2005							7.70					
357	1450	2330							9.16					
358	1750	2835							10.62					
359	2000	3200							12.08					
Round Boilers (Cast Iron) (Obsolete)														
217	175	300							17					7
317	225	375							17					7
417	275	500							17					7
219	325	550							19					7
319	375	650							19					7
419	425	700							19					7
222	450	775							22					9
322	575	875							22					9
422	625	975							22					9
225	675	1000							25					9
325	750	1150							25					9
425	825	1250							25					9
228	900	1400							28					10
328	1000	1550							28					10
428	1100	1700							28					10
231	1200	1900							31					10
331	1300	2100							31					10
431	1450	2300							31					10
Square Boiler (Cast-Iron) (Obsolete)														
254	800	1000							22x24					10
255	900	1500							22x30					10
256	1100	1850							22x37					10
257	1350	2250							22x44					10
258	1600	2650							22x51					10
305	1450	2400							30x30					13
306	1800	3000							30x37					13
307	2200	3600							30x44					13
"Radiant" Boiler (Cast-Iron Round) (Obsolete)														
218	175	300							16					7
316	225	375							16					7
416	275	450							16					7
218	325	550							18					7

**IDEAL 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.)	
318	375	600							18					7
418	425	650							18					7
221	475	675							21					8
321	525	825							21					8
421	575	925							21					8
224	600	950							24					9
324	675	1050							24					9
424	725	1160							24					9
227	775	1250							27					10
327	875	1400							27					10
427	975	1575							27					10
230	1050	1725							30					10
330	1175	1925							30					10
430	1300	2150							30					10
"Radiant" Round Boiler - Soft Coal (Cast-Iron) (Obsolete)														
180	225	400												8
181	250	450												8
182	300	500												8
230	400	650												8
231	450	725												8
232	500	825												8
270	575	900												8
271	625	1000												8
272	700	1100												8
"Radiant" Sectional Boilers (Cast-Iron Square) (Obsolete)														
274	725	1200												12
275	975	1550												12
276	1225	1950												12
277	1475	2300												12
278	1725	2600												12
304	850	1400												12
305	1150	1800												12
306	1475	2250												12
307	1800	2700												12
308	2100	3200												12
Smokeless Boilers (Obsolete)														
0256	1300	1900							22x37					10
0257	1600	2600							22x44					10
0258	2000	3250							22x51					10

**INSTANT HEAT OIL BURNER CORP.**

Chalcos Oil Boiler (Steel Square)														
40	400	640			24									8
55	550	880			32									8
70	700	1120			41									8
90	900	1440			53									8
Rating: Net														

**INTERNATIONAL BOILER WORKS CO.**

Type	"DD"	Oil	or Gas	Fired	Steel	Water	Tube	Heating	Boilers					
DD-74	1100	1980	3.7	65	21	35-3/4	61		27x47-1/8	17	11	28	10	
DD-75	1300	2340	4.3	77	24	37-1/8	69		30x48-1/2	20	12	28	10	
DD-76	1500	2700	5.0	85	24	42-1/8	69		30x53-1/2	20	12	30	13	
DD-77	1800	3240	6.0	106	24	51-1/8	69		30x62-1/2	20	12	30	13	
DD-78	2200	3960	7.3	129	24	53-1/8	72		30x64-1/2	20	14	30	13	
DD-79	2600	4680	8.6	153	31	53-1/2	80		36-1/2x60-1/2	20	15	30	17	
DD-80	3000	5400	10.0	177	31	53-1/2	83		36-1/2x60-1/2	20	16	35	18	
DD-81	3500	6300	11.2	206	30-3/4	62-1/2	83		36-1/2x69-1/2	20	16	35	18	
DD-82	4000	7200	13.0	236	30-3/4	74-1/2	83		36-1/2x81-1/2	20	17	40	19	
DD-83	4500	8100	14.9	265	36-3/4	74-1/2	90		43-1/2x81-1/2	20	18	45	20	
DD-84	5000	9000	16.8	294	36-3/4	86-1/2	90		43-1/2x93-1/2	20	19	45	21	
Rating: Net														

**INTERNATIONAL 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.)	
International Steel Heating Boilers - Type DS (Steel, Square)														
1	500	900	Net		48	18	23-1/2			2-1/2x1-11/12*				6x8
2	600	950			58	21	26-1/2			2-3/4x2-1/6*				6x10
3	700	1100			72	21	35-1/2			3-1/2x2-1/6*				6x12
4	850	1360			88	24	41-1/2			4x2-5/12*				6x14
5	1000	1600			106	24	50-1/2			4-3/4x2-5/12*				8x15
* Inside of Base														
International Triple Service Boilers (Steel, Square)														
5	500	800			50	14-3/4		30		4-7/12x1-3/4*	15	10	35	6x12
7 1/2	750	1200			80	20-3/4		35		4-3/4x2-1/4*	15	12	35	6x15
10	1000	1600			105	20-3/4		35		4-3/4x2-1/4*	15	12	40	6x15
12 1/2	1250	2000			133	20-3/4		36		5-3/4x2-1/4*	15	14	40	8x15
15	1500	2400			160	24-5/8		35 1/4		5-3/4x2-7/12*	15	16	40	8x17
17 1/2	1750	2800			188	24-5/8		37		6-3/4x2-7/12*	15	16	45	8x17
20	2000	3200			216	30-5/8		37 1/2		6-3/4x2-7/12*	15	18	45	10x20
* Inside of Base														
Rating: Net for Oil; Deduct 20% for Coal.														
Type "UD" Oil Burning "Fuel Saver" (Steel, Square)														
UD-1	530	848			27	20	19			2-1/2x2-5/12**				8
UD-1 1/2	634	1014			37.3	20	24			3x2-5/12**				9
UD-2	750	1200			44	20	24			3x2-5/12**				9
UD-2 1/2	950	1520			55	20	36			4x2-5/12**				9
UD-3	1150	1840			63	20	36			4x2-5/12**				9
** Standard Jacket; for Deluxe add 26-3/4" to length.														
International Triple Service Boilers Type "K" (Steel, Square)														
4	700	1120				14-3/4		32 1/4			12	10	35	6x12
5	900	1440				14-3/4		32 1/4			12	10	35	6x12
7 1/2	1450	2320				20-3/4		37-3/4			15	12	35	6x15
10	1900	3040				20-3/4		36 1/2			15	12	40	6x15
Rating: Oil Fired														
Type "DD" Stoker Fired "Fuel Saver" (Steel, Square)														
DD-60	510	816	Net		30	18	16 1/2	14		2-7/12x2-1/3***	17			8
DD-61	634	1014			37.3	18	18 1/2	17		2-7/12x2-1/3***	17			8
DD-62	788	1260			46.4	18	23 1/2	17		3x2-1/3***	17			8
DD-63	1028	1644			60.5	21	29 1/2	15-3/4		3-1/2x2-7/12***	17			9
DD-64	1201	1921			70.7	21	35 1/2	15 1/2		4x2-7/12***	17			9
DD-65	1451	2321			85.4	24	38 1/2	15 1/2		4-1/4x2-5/6***	17			10
DD-66	1688	2700			99.3	24	44	17-3/4		5-1/3x2-5/6***	20			13
DD-67	1932	3091			113.7	24	41	17-3/4		5-1/3x2-5/6***	20			13
*** Standard Jacket.														
Type "SP" Welded Steel Heating Boilers (Steel, Square)														
SP-11	748#					18	23-1/3	30-3/4			12	10	35	6x10
	430		SHBI											
SP-12	918#					21	26 1/2	31			12	12	35	6x12
	590													
SP-13	1071#					21	32 1/2	31 1/2			12	12	35	6x14
	790													
SP-14	1240#					21	38 1/2	32			12	12	35	8x14
	1000													
SP-15	1717#					24	41 1/2	32			12	14	40	8x16
	1350													
SP-16	1938#					24	47 1/2	33			12	14	40	8x18
	1600													
# First Rating is Mechanically Fired, Second is Hand Fired.														
Type "DD" Oil Burning "Fuel Saver" (Steel, Square)														
DD-60	510	816	Net		30	18	16 1/2	14		2-7/12x2-1/3##	17			8
DD-61	634	1014			37.3	18	18 1/2	17		2-7/12x2-1/3##	17			8
DD-62	788	1260			46.4	18	23 1/2	17		3x2-1/3##	17			8
DD-63	1028	1644			60.5	21	29 1/2	15-3/4		3-1/2x2-7/12##	17			9
DD-64	1201	1921			70.7	21	35 1/2	15 1/2		4x2-7/12##	17			9
DD-65	1451	2321			85.4	24	38 1/2	15 1/2		4-1/4x2-5/6##	17			10
DD-66	1688	2700			99.3	24	44	17-3/4		5-1/3x2-5/6##	20			13
DD-67	1932	3091			113.7	24	41	17-3/4		5-1/3x2-5/6##	20			13
## Standard Jacket. For Deluxe Jacket Add 26-3/4" to First Five Sizes; 29-3/4" to last Three.														

**INTERNATIONAL HEATER 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.)	
Oil Economy Boilers (Cast Iron, Square)														
C-100	310	570	1.1							20-3/8"x27		8x8	15	
C-200	450	820	1.56							27-1/4"x27		8x8	20	
C-300	590	1065	2.0							34-1/4"x27		8x8	20	
* Length of Boiler with Flush Jacket.														
Ratings: Net I-B-R														
Oil Economy (Cast Iron Round)														
4A	500	800	1.70							2-3/4x3-1/2		8x12	30	9
5A	750	1200	2.45							3-1/4x3-1/2		8x12	35	9
6A	1000	1600	3.25							3-5/8x3-1/2		8x12	40	9
7	1565	2500	(Discontinued)							4-1/3x3-1/4		12x12	45	9
New Oil Economy Series "O" (Cast Iron Square)														
30	350	560	1.35							3-1/2x2-1/4		8x12	30	9
40	500	800	1.85							4x2-1/4		8x12	30	9
50	650	1040	2.40							4-1/2x2-1/4		8x12	35	9
60	800	1280	2.90							5x2-1/4		12x12	40	9
70	950	1520	3.35							5-1/2x2-1/4		12x12	45	9
Economy Jacketed Boilers No. 1 Series Hand Fired (Cast Iron Square)														
35	245	390			16-1/8	15 1/2	33-3/4			1-5/8x2-1/3	12 1/2	8x8	25	9
46	335	535			"	18-3/4	"			2-1/8x2-1/3	12 1/2	8x8	30	9
57	425	680			"	23 1/2	"			2-1/2x2-1/3	12 1/2	8x12	30	9
68	515	825			"	26-3/4	"			2-5/8x2-1/3	12 1/2	8x12	35	9
79	605	970			"	31 1/2	"			3-1/8x2-1/3	12 1/2	8x12	35	9
801	695	1110			"	34-3/4	"			3-1/2x2-1/3	12 1/2	12x12	40	9
911	785	1255			"	39 1/2	"			3-5/8x2-1/3	12 1/2	12x12	40	9
Ratings: Net I-B-R														
Economy Jacketed Boilers No. 1 Series Oil Fired (Using Flue Baffles) (Cast Iron Square)														
53-0	285	455	1.15	IBR Max.	16-1/8	15 1/2	33-3/4			1-5/8x2-1/3	12 1/2	8x8	25	9
64-0	345	550	1.40	(Net)	"	18-3/4	"			2-1/8x2-1/3	12 1/2	8x8	30	9
75-0	405	650	1.60		"	23 1/2	"			2-1/2x2-1/3	12 1/2	8x8	30	9
86-0	465	745	1.80		"	26-3/4	"			2-5/8x2-1/3	12 1/2	8x12	30	9
97-0	525	840	2.00		"	31 1/2	"			3-1/8x2-1/3	12 1/2	8x12	35	9
108-0	585	935	2.20		"	34-3/4	"			3-1/2x2-1/3	12 1/2	8x12	35	9
119-0	645	1030	2.35		"	39 1/2	"			3-5/8x2-1/3	12 1/2	8x12	35	9
Economy Jacketed Boilers No. 1 Series - Stoker Fired														
64-M	345	550	IBR	14	16-1/8	18-3/4	33-3/4			2-1/8x2-1/3	12 1/2	8x8	30	9
75-M	405	650		16	"	23 1/2	"			2-1/2x2-1/3	12 1/2	8x12	30	9
86-M	465	745		19	"	26-3/4	"			2-5/8x2-1/3	12 1/2	8x12	30	9
97-M	525	840		21	"	31 1/2	"			3-1/8x2-1/3	12 1/2	8x12	35	9
108-M	585	935		23	"	34-3/4	"			3-1/2x2-1/3	12 1/2	8x12	35	9
119-M	645	1030		25	"	39 1/2	"			3-5/8x2-1/3	12 1/2	8x12	35	9
Round Economy Boilers (Cast Iron)														
3-E-18	226	Direct			18 Dia.		22 1/2	1.77		25-1/2 Dia.		8x8	30	7
3-E-18														
B-221	234				21		23-3/4	2.41		29		8x12	30	9
B-2221														
B-224	303				24		23-3/4	3.14		32		8x12	35	9
B-2224														
B-227	387				27		24 1/2	3.98		35		12x12	30	10
B-2227														
B-250	565				30		26	4.91		39		12x12	35	10
B-2530														
8-E-3		374	Direct		18		22 1/2	1.77		25-1/2 Dia.		8x8	30	7
8-E-32														
B-212		385			21		23-3/4	2.41		29		8x12	30	9
B-2122														
B-242		500			24		23-3/4	3.14		32		8x12	35	9
B-2422														
B-272		639			27		24 1/2	3.98		35		12x12	30	10
B-2722														
B-302		933			30		26	4.91		39		12x12	35	10
B-3022														
4-E-18	252	Direct			18 Dia.		22 1/2	1.77		25-1/2 Dia.		8x8	30	7
4-E-18														
B-321	281				21		23-3/4	2.41		29		8x12	30	9
B-3221														

INTERNATIONAL 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.)	
B-324	355					24		23-3/4	3.14	32		8x12	35	9
B-3224														
B-327	450					27		24 1/2	3.98	35		12x12	30	10
B-3227														
B-330	658					30		26	4.91	39		12x12	35	10
B-3230														
B-E-4		457				18		22 1/2	1.77	25-1/2 Dia.		8x8	30	7
B-E-42														
NOTE: Present "B" Numbers were 3-E-21, 3-E-24, etc., and Reverse for Water.														
** Firebox Height														
Round Economy Boilers (Cast Iron) (Continued)														
B-213		534				21		23-3/4	2.41	29 Dia.		8x12	30	9
B-2132														
B-243		664				24		23-3/4	3.14	32		8x12	35	9
B-2432														
B-273		853				27		24 1/2	3.98	35		12x12	30	10
B-2732														
B-304		1223				30		26	4.91	39		12x12	35	10
B-3042														
5-E-18	277	Direct				18		22 1/2	1.77	25-1/2		8x8	30	
52-E-18														
B-421	323					21		23-3/4	2.41	29		8x12	30	
B-4221														
B-424	403					24		23-3/4	3.14	32		8x12	35	
B-4224														
B-427	517					27		24 1/2	3.98	35		12x12	35	
B-4227														
B-430	742					30		26	4.91	39		12x12	35	
B-4230														
B-E-5		457	Direct			18		22 1/2	1.77	25-1/2		8x8	30	
B-E-52														
B-214		534				21		23-3/4	2.41	29		8x12	30	
B-2142														
B-244		664				24		23-3/4	3.14	32		8x12	35	
B-2442														
B-274		853				27		24 1/2	3.98	35		12x12	35	
B-2742														
B-304		1223				30		26	4.91	39		12x12	35	
B-3042														
B-524	436	Direct				24		23-3/4	3.14	32		8x12	35	9
B-5224														
B-527	565					27		24 1/2	3.98	35		12x12	35	10
B-5227														
B-530	806					30		26	4.91	39		12x12	35	10
B-5230														
B-245		719	Direct			24		23-3/4	3.14	32		8x12	35	9
B-2452														
B-275		933				27		24 1/2	3.98	35		12x12	35	10
B-2752														
B-305		1330				30		26	4.91	39		12x12	35	10
B-3052														
NOTE: Present "B" Numbers formerly were 4-E-21, 5-E-24, etc. and Reverse for Water.														
** Firebox Height.														
Economy Square Sectional Boilers (Cast Iron)														
4-19	517	853				19	24	22**	3.17	29x27	15 1/2	8x12	35	10
5-19	687	1134				19	32	22	4.22	37x27	15 1/2	8x12	35	10
6-19	860	1419				19	40	22	5.28	45x27	15 1/2	8x12	40	10
4-22	601	992				22	24	22	3.67	29x30	15 1/2	12x12	35	12
5-22	807	1332				22	32	22	4.89	37x30	15 1/2	12x12	35	12
6-22	1013	1671				22	40	22	6.11	45x30	15 1/2	12x12	40	12
7-22	1220	2013				22	48	22	7.33	53x30	15 1/2	12x12	45	12
5-2B	1031	1701	Direct			28	32	24	3.00	37x35	15 1/2	12x16	35	14
6-2B	1305	2153				28	40	24	3.36	45x35	15 1/2	12x16	35	14
7-2B	1580	2607				28	48	24	3.73	53x35	15 1/2	12x16	40	14

**INTERNATIONAL 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.)	
8-28	1855	3061				28	56	24	4.08	61x35	15 $\frac{1}{2}$	12x16	40	14
5-34	1747	2883				34	32	26	3.30	37x41	15 $\frac{1}{2}$	16x16	35	16
6-34	2184	3604				34	40	26	3.67	45x41	15 $\frac{1}{2}$	16x16	40	16
NOTE: Series 22 formerly was known as 26; 28 as 31; 34 as 38. Model Numbers of Water Boilers are Reversed - 19-4, 23-4, 28-5, etc.														
** Height of Firebox														
28" Series Economy Sectional Boiler for Oil or Stoker (Cast Iron Square)														
15-S-2	1125	1800	Direct		91.8	28	32	33		3-1/12x3-1/3				12
16-S-28	1335	2140			107.5	28	40	33		3-3/4x3-1/3				12
17-S-28	1550	2480			123.2	28	48	33		4-5/12x3-1/3				12
18-S-28	1770	2830			138.9	28	56	33		5-1/12x3-1/3				12
NOTE: Boiler numbers shown are for steam. Water Boiler numbers are respectively 28-W-51; 28-E-61; 28-W-71; 28-V-81.														
Economy Sectional and Smokeless Boilers (Cast Iron Square)														
8027	1250	3000	Direct					36-3/8	6.71	3-1/2x3-5/12	12 $\frac{1}{2}$	12x12	40	12
9027	1450	2320						"	7.66	3-11/12x3-5/12	12 $\frac{1}{2}$	12x16	40	12
10027	1650	2640						"	8.60	4-1/3x3-5/12	12 $\frac{1}{2}$	12x16	45	12
11027	1750	2865						"	9.55	4-3/4x3-5/12	12 $\frac{1}{2}$	12x16	45	12
12027	1925	3080						"	10.49	5-1/8x3-5/12	12 $\frac{1}{2}$	12x16	50	12
13027	2060	3295						"	11.45	5-7/12x3-5/12	12 $\frac{1}{2}$	16x16	50	12
6-34	1747	2883						36	7.56	3-1/12x3-5/12	12 $\frac{1}{2}$	16x16	35	12
6-34	2184	3604						36	9.44	3-3/4x3-5/12	12 $\frac{1}{2}$	16x16	40	12
6-34	1444	2883						36	7.56	3-1/12x3-5/12	12 $\frac{1}{2}$	16x16	35	12
6-34	1805	2970						36	9.44	3-3/4x3-5/12	12 $\frac{1}{2}$	16x16	40	12
14027	2200	3520						36						
Rating: Guaranteed Radiation Loads.														
International Push Nipple Boilers														
4-15	300	500				15	19							8
5-15	425	700				15	25							8
6-15	550	900				15	31							8
7-15	675	1100				15	37							8
8-15	800	1300				15	44							8
4-18	375	625				18	20							8
5-18	500	825				18	26							8
6-18	625	1025				18	32							8
7-18	750	1250				18	38							8
5-19	600	1000				19	26							9
6-19	750	1250				19	33							9
7-19	900	1500				19	40							9
5-21	800	1325				21	30							10
6-21	1000	1650				21	37							10
7-21	1200	2000				21	44							10
5-22	800	1300				22	28							10
6-22	1000	1650				22	35							10
7-22	1200	2000				22	42							10
8-22	1400	2350				22	49							10
5-24	900	1500				24	30							12
6-24	1125	1875				24	37							12
7-24	1350	2225				24	44							12
8-24	1575	2600				24	51							12
5-25	1100	1825				26	31							11
6-25	1350	2225				26	39							11
7-25	1600	2650				26	46							11
8-25	1850	3050				26	54							11
5-28	1300	2150				28	32							12
6-28	1625	2675				28	40							12
7-28	1950	3200				28	48							12
5-31	1275	2100				30	30							13
6-31	1625	2675				30	37							13
7-31	1975	3250				30	44							13
5-36	1800	2975				36	34							14 $\frac{1}{2}$
NOTE: Water Boiler Model Numbers are Reversed - 15-4 to 35-5.														

**INTERNATIONAL HEATER 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.)	
International Express Boilers (Square)														
4-20	700	1150				21 $\frac{1}{4}$	26		3.83	2-5/12x2-5/12				10
4-20A	800	1300				21 $\frac{1}{4}$	30		4.42	2-3/4x2-5/12				10
5-20	900	1500				21 $\frac{1}{4}$	34		5.01	3-1/12x2-5/12				10
5-20A	1025	1700				21 $\frac{1}{4}$	38		5.60	3-5/12x2-5/12				10
6-20	1150	1900				21 $\frac{1}{4}$	42		6.19	3-3/4x2-5/12				10
6-20A	1250	2050				21 $\frac{1}{4}$	46		6.78	4-1/12x2-5/12				10
5-25	1200	2000				25-3/4	34		6.08	3-1/12x2-5/6				11
5-25A	1350	2225				"	38		6.78	3-5/12x2-5/6				11
6-25	1500	2475				"	42		7.44	3-3/4x2-5/6				11
6-25A	1650	2725				"	46		8.22	4-1/12x2-3/6				11
7-25	1800	2975				"	50		8.93	4-5/12x2-5/6				11
7-25A	1950	3225				"	54		9.65	4-3/4x2-5/6				11
8-25	2100	3450				"	58		10.37	5-1/12x2-5/6				11
5-32	1600	2650				33	34		7.71	3-1/12x3-5/12				13
5-32A	1800	2975				33	38		8.70	3-5/12x3-5/12				13
6-32	2000	3300				33	42		9.62	3-3/4x3-5/12				13
NOTE: Water Boiler Model Numbers are Reversed - 20-4, 20-4A, Etc.														
Economy Insulated Jacket Boiler														
42	190	325	Direct						1.2			8x8	30	
53	275	465							1.7			8x8	30	
64	360	600							2.1			8x8	30	
75	445	735							2.6			8x12	35	
86	530	875							3.0			8x12	35	
97	615	1025							3.5			8x12	35	
108	700	1160							3.9			12x12	35	
119	785	1300							4.4			12x12	35	
1210	870	1430							4.8			12x12	35	
Economy Jacketed Boilers - No. 3 Series (Cast Iron Square)														
527	575	950	Hand Fired		40	27-1/8	20 $\frac{1}{2}$	24-1/8	3.88					35
627	850	1360				"	25	36-3/8	4.82	32x41	12 $\frac{1}{4}$	12x12	35	12
727	1050	1680				"	30 $\frac{1}{2}$	"	5.77	47x41	12 $\frac{1}{4}$	12x12	35	12
827	1250	2000				"	35	"	6.71	42x41	12 $\frac{1}{4}$	12x12	40	12
927	1450	2320				"	40 $\frac{1}{2}$	"	7.86	47x41	12 $\frac{1}{4}$	12x12	45	12
1027	1650	2640				"	45	"	8.60	52x41	12 $\frac{1}{4}$	12x16	50	12
1127	1790	2865				"	50 $\frac{1}{2}$	"	9.55	57x41	12 $\frac{1}{4}$	12x16	52	12
1227	1925	3080				"	55	"	10.49	62x41	12 $\frac{1}{4}$	12x16	53	12
1327	2060	3295				"	60 $\frac{1}{2}$	"	11.45	67x41	12 $\frac{1}{4}$	12x16	54	12
1427	2200	3520				"	65	"	12.40	72x41	12 $\frac{1}{4}$	12x16	55	12
Oil or Stoker														
627	630	1010	2.35	25		28-1/8	25	36-3/8		32x41	12 $\frac{1}{4}$	12x12	25	12
727	755	1210	2.75	30		"	30 $\frac{1}{2}$	"		37x41	12 $\frac{1}{4}$	12x12	25	12
827	880	1410	3.20	34		"	35	"		42x41	12 $\frac{1}{4}$	12x12	25	12
927	1005	1610	3.60	39		"	40 $\frac{1}{2}$	"		47x41	12 $\frac{1}{4}$	12x12	30	12
1027	1130	1810	4.00	43		"	45	"		52x41	12 $\frac{1}{4}$	12x12	30	12
1127	1255	2010	4.45	48		"	50 $\frac{1}{2}$	"		57x41	12 $\frac{1}{4}$	12x16	35	12
1227	1380	2210	4.85	52		"	55	"		62x41	12 $\frac{1}{4}$	12x16	40	12
1327	1505	2410	5.25	57		"	60 $\frac{1}{2}$	"		67x41	12 $\frac{1}{4}$	12x16	45	12
1427	1630	2610	5.65	61		"	65	"		72x41	12 $\frac{1}{4}$	12x16	50	12
NOTE: Suffix "O" or "S" denotes Oil or Stoker Fired.														
Rating: Net I-B-F.														
Series "B" Boiler Burner Unit (Cast Iron)														
B-3	200	320	.80											
B-4	250	400	.95											
B-5	300	480	1.10											
Rating: Net I-B-F.														
Economy No. 2 Series (Cast Iron Square)														
623	740	1185	Hand Fired			22-1/8	25	34 $\frac{1}{2}$	3.8	32x36	12 $\frac{1}{4}$	8x12	35	10
723	875	1400				"	30 $\frac{1}{2}$	34 $\frac{1}{2}$	4.7	37x36	12 $\frac{1}{4}$	8x12	38	10
823	1010	1615				"	35	34 $\frac{1}{2}$	5.4	42x36	12 $\frac{1}{4}$	8x12	40	10
923	1145	1830				"	40 $\frac{1}{2}$	34 $\frac{1}{2}$	6.2	47x36	12 $\frac{1}{4}$	12x12	43	10
1023	1280	2050				"	45	34 $\frac{1}{2}$	6.9	52x36	12 $\frac{1}{4}$	12x12	45	10
Oil or Stoker														
623	550	880	2.05	22		"	25	34 $\frac{1}{2}$		32x36	12 $\frac{1}{4}$	8x12	35	10
723	670	1070	2.50	26		"	30 $\frac{1}{2}$	34 $\frac{1}{2}$		37x36	12 $\frac{1}{4}$	8x12	25	10
823	790	1260	2.90	31		"	35	34 $\frac{1}{2}$		42x36	12 $\frac{1}{4}$	8x12	30	10

**INTERNATIONAL HEATER 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.)	
923	910	1455	3.35	35		22-1/8	40 1/2	34 1/2		47x36	12 1/2	12x12	35	10
1023	1030	1645	3.75	40		"	45	34 1/2		52x36	12 1/2	12x12	40	10
Rating: Net I-B-R.														

**IOWA MFG. CO.**

Round Sectional Cast-Iron Boiler - Series A														
4	200	Direct												6
8	250													6
12	350													7
16	450													8
20	600													8
24	850													9
28	1100													9
34	1400													11
36	1750													11
3		325	Direct											6
5		400												6
9		575												7
17		750												8
21		1000												8
25		1400												9
29		1825												9
35		2325												11
37		2900												11
Series B														
110	250	Direct												7
114	400	400												8
118	550													8
122	700													9
126	900													9
132	1150													11
107		400	Direct											7
115		650												8
119		900												8
123		1150												9
127		1500												9
133		1900												11

**IRON FIREMAN MFG. CO.**

	OIL	FIRE	BOILER	BURNER	UNITS	(STEEL	ROUND							
OV115E	480	770				17 1/2	Dia.							6
OV115R	480	770				17 1/2	Dia.							6
ROILER-BURNER UNITS (STEEL, SQUARE)														
BC-16C	660	1066				18	18							8
BR-16C	660	1066				18	18							8
AS-16C	660	1066				18	18							8
AR-16C	660	1066				18	18							8
OV-16C	660	1066				18	18							8
EX-27C	1125	1800				21 1/2	22-3/4							9
AS-27C	1125	1800				21 1/2	22-3/4							9
DU-27C	1125	1800				21 1/2	22-3/4							9
RATINGS: Sq. Ft. NOTE: PREFIXES TO MODEL DESIGNATIONS: BC-BITUMINOUS-CLINKER TYPE AS-ANTHRACITE SPILLOVER TYPE; BR-BITUMINOUS ASH REMOVER TYPE; AR-ANTHRACITE ASH REMOVER TYPE; OV-VORTEX OIL BURNER TYPE														

**JOHNSON CO., S. T.**

	"Heatlux"	Fire Tube Boiler Burner Unit (Steel Round)												
1HLW	550	.85												6
2HLW	900	1.35												8
"Aqualux" Hot Water Supply Boiler-Burner Unit														
85	85,000	1.00												6
150	150,000	1.50												8
175V	175,000	1.75												9

**JOHNSON CO., S. T.**

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.)	
230V	230,000		2.25							27x41	"			10
300V	300,000		3.00							33x48	"			12
375V	375,000		3.25							33x48	"			12
450V	450,000		4.25							39x55	"			14
225VS	225,000		2.25							40x52	"			9
375VS	375,000		3.75							40x52	"			12
375VS (Spec)	375,000		3.75							52x59	"			12
"Aquilux" Hot Water Supply Boiler-Burner Units A.S.M.E. Code														
225HWS	225,000		2.25		44					40x52	"			9
450HWS	450,000		4.25							39x55	"			14
Rating: BTU output per hour for all Aquilux Models.														
Laddi "Du-All" Combination Boiler-Burner Unit (Steel Round) (Obsolete)														
1	420	670	.65		22					24	None			6
2	500	800	.75		28					24	"			7
3	580	930	.85		34					24	"			8
Oil Heat Servant (Steel Round) (Obsolete)														
1	625	1075	1.5							24	12			8
"Econolux" Vertical Scotch Boiler and Burner Unit (Steel Round, Square Jacket)														
75	300	480	.8		22					20x20	None			6
100	400	640	1.0		30					20x20	"			7
125	550	880	1.25		40					20x20	"			8
175	750	1200	1.7		50					29x29	"			8
225	950	1520	2.2		60					29x29	"			9
250	1100	1760	2.5		70					29x29	"			9
300	1300	2080	2.9		80					31x31	"			10
350	1500	2400	3.4		90					31x31	"			11
450	2000	3200	4.5		120					31x31	"			12
"Econolux" Fire Tube Boiler Burner Unit (Steel Round) (Round Jacket)														
150V	625	1000	1.35		40					24 Dia.	None			6
Rating: MEH for all Econolux Models.														

**JOHNSON WASHBURN CO.**

Model	Rating	Minimum Firing Rate	Heating Surface	Firebox	Floor to Crown Sheet	Grate Size	Floor Area	Base Height	Chimney	Smoke Pipe Diam.
IMPROVED EXCEL SQUARE SECTIONAL (CAST IRON) BOILERS--SERIES 18"										
18-4	650	1100	Direct	24	24	3.00		11		
18-5	850	1400		24	31½	3.94		11		
18-6	1050	1700		24	39	4.88		11		
18-7	1250	2000		24	46½	5.81		11		
SERIES 24"										
24-4	900	1425		30	23½	3.92		13		
24-5	1175	1900		30	31	5.17		13		
24-6	1450	2375		30	38½	6.42		13		
24-7	1725	2850		30	46	7.67		13		
24-8	2000	3325		30	53½	8.92		13		
IMPROVED EXCEL ROUND SECTIONAL (CAST IRON) BOILERS										
17-4	275	450				1.58		11½		7
17-5	300	500				1.68		11½		7
17-6	325	550				1.58		11½		7
19-4	350	575				1.97		12		7
19-5	400	650				1.97		12		7
19-6	450	725				1.97		12		7
22-4	475	775				2.64		13		8
22-5	550	900				2.64		13		8
22-6	625	1025				2.64		13		8
25-4	800	1000				3.41		13½		9
25-5	700	1150				3.41		13½		9
25-6	800	1300				3.41		13½		9
28-4	825	1375				4.28		14½		10
28-5	960	1600				4.28		14½		10
28-6	1100	1825				4.28		14½		10
31-4	1175	1950				5.25		14½		11
31-5	1350	2225				5.25		14½		11
31-6	1525	2500				5.25		14½		11

**JOHNSTON BROS., INC.**

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.)	
Johnston Series 1500 Steel Firebox Heating Boilers (Hand Fired)														
1513	1800	2880	42	129	25	61	36	7.9	31x67	12	12	45	14	
1514	2200	3520	52	158	31	40	44	8.9	38x47	14	16	35	18	
1515	2600	4160	61	186	31	46	44	9.7	38x53	14	16	35	18	
1516	3000	4800	70	215	31	55	44	10.5	38x62	14	18	40	18	
Johnston Series 1500 Steel Firebox Heating Boilers (Oil Gas or Stoker Fired)														
1513-B	2190	3500	5	129	25	61	36		31x67	12	12	45	14	
1514-B	2680	4280	6 $\frac{1}{4}$	158	31	40	44		38x47	14	16	35	18	
1515-B	3160	5050	7 $\frac{1}{4}$	186	31	46	44		38x53	14	16	35	18	
1516-B	3650	5640	8 $\frac{1}{4}$	215	31	55	44		38x62	14	18	40	18	
Johnston Series 9100 Steam Generator Unit (Scotch Boilers) (Discontinued)														
9099	1500	2400	4	88	19				37x68	12 Skids	12	20	14	
9100	1800	2880	4 $\frac{1}{2}$	106	19				37x81	12 "	12	20	14	
9101	2190	3500	5	129	23				44x73	12 "	14	30	16	
9102	2680	4280	6 $\frac{1}{4}$	158	23				44x87	12 "	15	30	17	
9103	3160	5050	7 $\frac{1}{4}$	186	23				44x99	12 "	16	30	18	

**K & G MFG. CORP.**

	KG WATER TUBE BOILERS	FOR HAND, OIL BURNER, OR STOKER FIRING (STEEL, SQUARE)					
KG40	331 521	1.0 12	19.5	29	17x17		8
KG60	408 653	1.35 15	24.0	30	17x17		8
KG80	570 915	1.75 21	33.5	30	20x20		8
KG100	725 1145	2.25 27	42.7	30	22 $\frac{1}{2}$ x22 $\frac{1}{2}$		8
KG140	905 1477	3.0 33	54.5	33	26x29		10
RATING: SQ. FT.							

**KANAWHA MFG. CO.**

24	450	750								16			
25	600	1000								16			
26	750	1250								16			
27	900	1500								16			
28	1050	1750								16			
30 SERIES													
35	1200	2000								16			
36	1600	2650								16			
37	2000	3300								16			
BERNARD MAGAZINE FEED WATER TUBE BOILERS - 60 SERIES													
55	500	800								16			
56	700	1100								16			
57	900	1450								16			
58	1100	1800								16			
59	1300	2100								16			
510	1500	2500								16			
60 SERIES													
65	1200	2000								16			
66	1600	2650								16			
67	2000	3300								16			
RATING: SQ. FT. RADIATION													

**MELLOGG MACKAY CO.**

	TOURNE WATER BOILER	HARD OR SOFT	COAL OR GAS				
301	575		20" Dia.			26x31	8
303	650		20 "			26x31	8
305	750		20 "			26x31	8
307	825		24 "			34-1/2x37	9
307	900		24 "			34-1/2x37	9
309	1000		24 "			34-1/2x37	9
313	1400		28 "			38-1/4x40-3/4	10
315	1525		28 "			38-1/4x40-3/4	10
319	1825		32 "			50-1/4x40-3/4	12

**KELOGG MACKAY 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.)	
Touaine Water Boilers - Hard or Soft Coal or Gas														
301		575				20"	Di.			26x31				8
303		650				20	"			26x31				8
305		750				20	"			26x31				8
337		825				24	"			34-1/2x37				9
307		900				24	"			34-1/2x37				9
309		1000				24	"			34-1/2x37				9
313		1400				28	"			38-1/4x40-3/4				10
315		1525				28	"			38-1/4x40-3/4				10
319		1825				32	"			38-1/4x40-3/4				12
321		2000				32	"			40x44				12
323		2150				32	"			40x44				12
Spence Water Boilers - 400 Series - Any Fuel (Round)														
410		425				16 1/2	"			26x32-1/2				7
412		600				19 1/2	"			28-3/4x36				7
420		650				19 1/2	"			28-3/4x36				7
423		725				21 1/2	"			31-1/2x38-1/2				8
430		800				21 1/2	"			31-1/2x38-1/2				8
434		1000				24 1/2	"			34-1/2x43-1/2				9
440		1100				24 1/2	"			34-1/2x43-1/2				9
445		1300				26 1/2	"			36-3/4x46				10
450		1450				26 1/2	"			36-3/4x46				10
456		1650				28 1/2	"			35-1/2x44				10
460		1800				28 1/2	"			35-1/2x44				10
467		2000				30 1/2	"			41x52				12
470		2200				30 1/2	"			41x52				10
478		2400				32 1/2	"			40x49-1/2				12
480		2650				32 1/2	"			40x49-1/2				12
Spence Water Boilers - 600 Series - Any Fuel (Round)														
610		525				16 1/2	"			26x31-1/2				7
620		700				19 1/2	"			28-3/4x35				7
630		850				21 1/2	"			31-1/2x37-1/2				8
640		1000				24 1/2	"			34-1/2x42-1/2				9
650		1225				26 1/2	"			36-3/4x46				10
660		1475				28 1/2	"			35-1/2x43				10
670		1675				30 1/2	"			41x51				10
680		1975				32 1/2	"			40x46-1/2				12
Touaine Steam Boilers - Hard or Soft Coal or Gas														
302	350					20	"			26x31				8
304	400					20	"			26x31				8
306	450					20	"			26x31				8
338	500					24	"			34-1/2x37				9
308	650					24	"			34-1/2x37				9
310	600					24	"			34-1/2x37				9
314	850					28	"			38-1/4x40-3/4				10
316	925					28	"			38-1/4x40-3/4				10
320	1100					32	"			40x44				12
322	1200					32	"			40x44				12
324	1300					32	"			40x44				12

**KELVINATOR DIV.**

275-S	275	C-Flame HKB Series (Cast Iron, Square) (Discontinued)												
400-S	400	Net												
525-S	525													
675-S	675													
440-W		440	Net											
640-W		640												
840-W		840												
1080-W		1080												
Type KB Automatic Heat Unit (Steel, Square) (Discontinued)														
KB-1	565	850	1.35*	26						63x20	Wet	8x8	35	8
KB-2	925	1400	2.5	40						68x20-3/4	Wet	8x12	35	9
Rating: EDR *Maximum Firing Rate.														
Type KB Cast Iron Boilers (Square) (Discontinued)														
KB-3	780	1170	2.0	52.3						41x33-1/2	Wet	8x8	30	10
KB-4	1230	1845	3.0	74.8						49x33-1/2	Wet	8x12	35	10
KB-5	1635	2450	4.0	97.3						69x33-1/2	Wet	8x12	35	10

**KEWANEE-ROSS 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.)	
<p><b>Series - All Fuels (Steel-Square)</b></p>														
3R1	740	1180	Hand	Fired	53	24	25½	35½	4.2	2-2/3x2-5/6	14	10	35	9x16
3R2	910	1450			65	24	31½	35½	4.9	2-2/3x3-1/2	14	11	40	9x16
3R3	1080	1720			77	24	37½	35½	5.7	2-2/3x3-5/6	14	12	40	9x16
3R4	1230	1970			88	24	43½	35½	6.3	2-2/3x4-1/2	14	12	45	9x16
3R5	1480	2370			106	28	37½	40	7.2	3x3-5/6	14	13	40	11x22
3R6	1810	2890			129	28	45	40	8.4	3x4-1/2	14	14	45	"
3R7	2140	3430			153	28	53	40	9.4	3x5-1/6	14	15	50	"
3R8	2480	3970			177	28	62	40	10.5	3x6	14	16	55	"
3R9	2885	4610			206	35	51	45	11.6	3-2/3x5	14	16	45	13x23
3R1	900	1440	Oil, Gas		53	24	25½	35½		2-2/3x2-5/6	14	10	30	9x16
3R2	1100	1760	or		65	24	31½	35½		2-2/3x3-1/2	14	11	35	9x16
3R3	1300	2080	Stoker		77	24	37½	35½		2-2/3x3-5/6	14	12	35	9x16
3R4	1500	2400			88	24	43½	35½		2-2/3x4-1/2	14	12	40	9x16
3R5	1800	2880			106	28	37½	40		3x3-5/6	14	13	35	11x22
3R6	2200	3520			129	28	45	40		3x4-1/2	14	14	40	"
3R7	2600	4160			153	28	53	40		3x5-1/6	14	15	40	"
3R8	3000	4800			177	28	62	40		3x6	14	16	45	"
<p><b>Kewanee Round Type "R" Boilers - Oil Fired (Unjacketed) (Steel-Round)</b></p>														
1733	275	440	1.1		16	17		31		23 Dia.	14	8x8	30	7
1734	400	640	1.4		24	20		34		26-1/4 Dia.	12	8x8	30	7
1735	550	880	1.8		32	23		36		29-3/4 "	12	8x12	30	9
1736	700	1120	2.3		41	26		38		32-1/2 "	12	8x12	35	9
1737	900	1440	3.0		53	26		38		32-1/2 "	12	10x10	40	9
<p>Rating: SBI Net</p>														
<p><b>Kewanee Round Type "R" Boilers - Hand Fired (Unjacketed) (Steel-Round)</b></p>														
2734	330	530	Net		24	20		36		*26-1/4 Dia.	14	8x8	30	7
2735	450	720			32	23		38		32-1/4 "	14	8x12	30	9
2736	570	910			41	26		40		35 "	14	8x12	35	9
<p>Note: Above Models for Anthracite Coal. For Bituminous Coal, Model Numbers are 734, etc.</p>														
<p>* See below for types of jackets and their floor dimensions.</p>														
<p><b>Kewanee Round Type "R" Boilers - Stoker Fired (Unjacketed) (Steel-Round)</b></p>														
0733	275	440	Net		16	17		31		*23 Dia.	14	8x8	30	6
0734	400	640			24	20		34		26-1/4 Dia.	12	8x8	30	7
0735	550	880			32	23		36		29-3/4 "	12	8x12	30	9
0736	700	1120			41	26		38		32-1/2 "	12	8x12	35	9
<p>* See below for types of jackets and their floor dimensions.</p>														
<b>BOILER NUMBER</b>					<b>OIL</b>			<b>STOKER*</b>			<b>HAND FIRED**</b>			
Round Jacket					1733J	1734J	1735J	1736J	0733J 0734J		0735J	0736J	735J	736J
Flush Jacket						1734M	1735M	1736M	1737M			734MC		
Short Extension Jacket					1733MQ	1734MQ	1735MQ	1736MQ						
Long Extension Jacket						1734MG	1735MG	1736MG	1737MG					
Round Jacket Diameter					Same as boiler base diameter									
Width all Square														
Jackets - Inches					25½	33	36	39½	39½			33		
Length - Flush Jacket					27½	27½	36	39½	54			27½		
Length - Short					45½	45	50½	54						
Extension Jacket - Ins.														
Length - Long Extension					59½	65	68½	68½						
Jacket - Inches														
<p>* 0734 - Furnished Unjacketed Only.</p>														
<p>** Same data applies to both Anthracite and Bituminous; Anthracite Boiler Numbers are 2734, 2735 and 2736.</p>														

**KEWANEE-ROSS 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.)	
<b>Residence Square Type "R" Boilers - Hand-Fired (Steel-Square)</b>														
* 2742	790	1260			63	21 $\frac{1}{2}$	32	**33	4.8	3-2/3x2-1/2	12	12	35	14
2743	1000	1600			73	21 $\frac{1}{2}$	38	33	5.6	4-1/6x2-1/2	12	12	35	14
2745	1350	2160			101	25 $\frac{1}{2}$	38	36	6.7	4-1/6x2-5/6	12	18	40	18
2746	1600	2560			114	25 $\frac{1}{2}$	44	36	7.8	4-2/3x2-5/6	12	16	40	18
2747	1780	2850			127	25 $\frac{1}{2}$	50	36	8.8	5-1/6x2-5/6	12	16	40	18
2748	1960	3140			140	25 $\frac{1}{2}$	56	36	9.9	5-2/3x2-5/6	12	16	40	18
* Nos. for Anthracite. Nos. 742, etc. for Bituminous Models.														
** Figures shown are from top of base instead of floor.														
Rating: Capacity														
<b>Residence Square Type "R" Boilers - Oil, Gas, Stoker Fired (Steel-Square)</b>														
* 1742	840	1540	2.8		63	21 $\frac{1}{2}$	32	**33	4.8	3-2/3x2-1/2	12	10	30	12
1743	1120	1790	3.7		73	21 $\frac{1}{2}$	38	33	5.6	4-1/6x2-1/2	12	11	30	13
1745	1470	2350	4.9		101	25 $\frac{1}{2}$	38	36	6.7	4-1/6x2-5/6	12	12	35	14
1746	1900	3040	6.3		114	25 $\frac{1}{2}$	44	36	7.8	4-2/3x2-5/6	12	13	35	15
1747	2160	3460	7.1		127	25 $\frac{1}{2}$	50	36	8.8	5-1/6x2-5/6	12	14	35	16
* Nos. for Oil and Gas. Nos. 0742, etc. for Stoker Models.														
** Figures shown are from top of base, instead of floor.														
Rating: Capacity														
<b>No. 83-R Square Boilers - Oil or Stoker, Gas (Steel-Square)</b>														
* 83-R1	901	1441	3.0		53	21 $\frac{1}{2}$	20	**33		#2-2/3x2-1/2	12	10	35	12
83-R2	1105	1768	3.7		65	21 $\frac{1}{2}$	26	33		3-1/6x2-1/2	12	11	35	13
83-R3	1326	2121	4.4		78	21 $\frac{1}{2}$	32	33		3-2/3x2-1/2	12	12	35	14
83-R4	1513	2420	5.0		89	21 $\frac{1}{2}$	38	33		4-1/6x2-1/2	12	12	40	14
83-R6	2091	3545	6.9		123	25 $\frac{1}{2}$	38	36		4-1/6x2-5/6	12	14	40	16
83-R7	2363	3780	8.7		139	25 $\frac{1}{2}$	44	36		4-2/3x2-5/6	12	14	40	17
83-R8	2682	4243	10.0		158	25 $\frac{1}{2}$	50	36		5-1/6x2-5/6	12	15	45	18
83-R9	2924	4678	11.7		172	25 $\frac{1}{2}$	56	36		5-2/3x2-5/6	12	16	50	18
* No. 83-R Models are for Oil. Nos. 083-R1, etc. for Stokers. Nos. GB-2R1-3R2-3R3-3R4-4R5 for Gas. All with standard jackets.														
# Regal jacket (Ext.) Dimension furnished on first four sizes are: 5x2-5/8, 5-1/2x2-5/8, 6x2-5/8 and 6-1/3x2-5/6.														
** Figures are shown from top of base instead of floor.														
Rating: Capacity														
<b>Firebox Boiler Type "K" Up-Draft Hand-Fired (Steel-Square)</b>														
3K	1240	1980			104	24	38	49	*6.4	4x3	14	12	35	14
4K	1380	2210			119	30	32	52	6.8	3-1/2x3-1/2	14	14	35	16
5K	1800	2880			129	30	38	52	7.9	4x3-1/2	14	14	35	16
6K	2200	3520			158	30	44	52	8.9	4-1/2x3-1/2	14	15	40	17
8K	3000	4800			215	36	44	55 $\frac{1}{2}$	10.5	4-1/2x4	14	16	40	18
<b>Firebox Boiler Type "K" Up-Draft - Oil, Gas Stoker Fired (Steel-Square)</b>														
3K	1770	2830	5.8	71	104	24	38	49		4x3	14	12	30	14
4K	2020	3230	6.7	81	119	30	32	52		3-1/2x3-1/2	14	14	30	16
5K	2190	3500	7.3	88	129	30	38	52		4x3-1/2	14	14	30	16
6K	2680	4280	9.0	107	158	30	44	52		4-1/2x3-1/2	14	15	35	17
<b>Brickset - Up-Draft Boiler - Hand Fired (Steel-Square)</b>														
3	1240	1980			104	24	38	49	*6.4	4x3	14	12	40	14
4	1380	2210			119	30	32	52	6.8	3-1/2x3-1/2	14	14	40	16
5	1800	2880			129	30	38	52	7.9	4x3-1/2	14	14	40	16
6	2200	3520			158	30	44	52	8.9	4-1/2x3-1/2	14	14	45	17
<b>Brickset - Up-Draft Boilers - Oil, Gas, Stoker Fired (Steel-Square)</b>														
3	1770	2830	5.8	71	104	24	38	49		4x3	14	12	35	14
4	2020	3230	6.7	81	119	30	32	52		3-1/2x3-1/2	14	14	35	16
5	2190	3500	7.3	88	129	30	38	52		4x3-1/2	14	14	35	16
6	2680	4280	9.0	107	158	30	44	52		4-1/2x3-1/2	14	15	40	17
<b>Scottie Jr. Boiler - For High Pressure - Hand Fired or Mechanical Fired (Steel-Round)</b>														
HM-6	840		3.5		60	21	47 $\frac{1}{2}$	36	3.5	4-1/4x3-1/4	12	12	30	14
HM-9	1400		5.8		99	24	49 $\frac{1}{2}$	40 $\frac{1}{2}$	3.9	4-1/2x3-1/2	13	14	35	16
HM-15	2100		8.7		150	24	70 $\frac{1}{2}$	40 $\frac{1}{2}$	6.0	6-1/4x3-1/2	15	15	40	17
HM-20	2800		11.5		200	24	91 $\frac{1}{2}$	40 $\frac{1}{2}$	8	82x42	15	17	40	19
* SBI Minimum.														

**KEYSTONE BOILER & FOUNDRY 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.)	
	Steel-Round													
21	300	460				16 $\frac{1}{2}$			1.44 Sq. Ft.		10 $\frac{1}{2}$			6 $\frac{1}{2}$
25	400	620				19 $\frac{1}{4}$			2.00 " "		10 $\frac{1}{2}$			7
28	525	800				22			2.63 " "		10 $\frac{1}{2}$			7
32	675	1025				25			3.40 " "		11 $\frac{1}{2}$			8
35	875	1350				28			4.28 " "		11 $\frac{1}{2}$			9
38	1075	1640				31			5.24 " "		13			12 $\frac{1}{2}$
38-6	1225	1870				31			5.24 " "		13			12 $\frac{1}{2}$
42	1600	2500				35			6.68 " "		13 $\frac{1}{2}$			12 $\frac{1}{2}$
42-6	1750	2700				35			6.68 " "		13 $\frac{1}{2}$			12 $\frac{1}{2}$
42-12	1900	2950				35			6.68 " "		13 $\frac{1}{2}$			12 $\frac{1}{2}$

**KEYSTONE DRILLER CO.**

	Portable,	Vertical Boilers (Steel-Round)											
0-67	400		40	61	38	38	30	3	3	1	16	30	15
0-116	500		50	144	38	38	34	3	3	1	16	40	15
0-81	600		60	200	40	40	38	3	3	1	18	48	17

**KLEEN-HEET INC.**

	KLEEN HEET STEEL	OIL FIRED BOILER UNIT (SQUARE)											
18	400	640	1.20	Rec.	23.6	3.0 cu. ft. Vol.			42x20 $\frac{1}{2}$				8
20	500	800	1.35		29.5	3.9 cu. ft. Vol.			45x22 $\frac{1}{2}$				8
24	770	1232	2.00		45.3	5.0 cu. ft. Vol.			53x26 $\frac{1}{2}$				9
30	1090	1744	3.00		64.1	7.5 cu. ft. Vol.			60x32				9
	(1) JACKET DIMENSIONS.		RATING: NET LOAD.										
15EM	325	520	1.00	Rec.	19.0				37x22				7
16EM	420	675	1.00		24.7				37x22				7
18EM	500	800	1.35		29.4				37x22				7
23EM	675	1080	1.65		39.4				38 $\frac{1}{2}$ x23				8
26EM	1150	1840	3.00		67.6				46x27				9
	RATING: SERRI - EDR												
	KLEEN HEET OIL HEATING UNIT (CAST IRON, SQUARE)												
123	500	800	EDR		29.9	23	14 $\frac{1}{2}$	32-3/4	33x50	7-1/8	8x8	30	9
124	705	1130			42.3	23	22 $\frac{1}{2}$	32-3/4	33x33*	7-1/8	8x8	30	9
125	915	1460			54.7	23	30 $\frac{1}{2}$	32-3/4	33x41*	7-1/8	8x8	30	9
126	1120	1790			67.1	23	38 $\frac{1}{2}$	32-3/4	33x49*	7-1/8	8x12	30	9
127	1325	2120			79.5	23	46 $\frac{1}{2}$	x 32-3/4	33x57*	7-1/8	8x12	35	9
	*ADD 25" TO LENGTH FOR EXTENDED JACKET.												
0411	390	625	1.50	Rec.	27.3	18	15	32 $\frac{1}{2}$	48x30	12 $\frac{1}{2}$	8x8	30	9
0511	480	770	1.65		33.4	18	18 $\frac{1}{2}$	32 $\frac{1}{2}$	51x30	12 $\frac{1}{2}$	8x8	30	9
0611	560	895	2.00		39.6	18	22	32 $\frac{1}{2}$	55x30	12 $\frac{1}{2}$	8x8	30	9
0711	640	1025	2.25		45.7	18	25 $\frac{1}{2}$	32 $\frac{1}{2}$	58x30	12 $\frac{1}{2}$	8x12	35	9
	RATING: NET INSTALLED RADIATION.												

**KOHLER 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.)	
Kohler "A" Boilers - Jacketed or Unjacketed (Cast Iron Square)														
16	170	270	Hand Firing		20.4	14	12	20 $\frac{1}{2}$	1.05	20x16-5/8		8x8	20	7
20	230	370	"	"	26.2	14	16	20 $\frac{1}{2}$	1.40	20x20-5/8		8x8	23	7
24	290	460	"	"	31.7	14	20	20 $\frac{1}{2}$	1.75	20x24-5/8		8x8	27	7
28	350	560	"	"	37.7	14	24	20 $\frac{1}{2}$	2.10	20x28-5/8		8x8	30	7
Oil Firing														
16	230	370		.80	20.4	14	12	20 $\frac{1}{2}$	1.05	20x16-5/8		8x8	20	7
20	290	460		1.05	26.2	14	16	20 $\frac{1}{2}$	1.40	20x20-5/8		8x8	20	7
24	370	590		1.30	31.9	14	20	20 $\frac{1}{2}$	1.75	20x24-5/8		8x8	25	7
28	450	720		1.50	37.7	14	24	20 $\frac{1}{2}$	2.10	20x28-5/8		8x8	30	7
Rating: Net IBR														
Kohler "G" Boilers (GSJ and GWJ) for Hand Firing (Cast Iron Square)														
16	210	336			22.3	17-7/8	12-1/8	33 $\frac{1}{2}$	1.67	19x27	12 $\frac{1}{2}$	8x8	25	9
20	300	480			27.4	"	16-1/8	33 $\frac{1}{2}$	2.22	23x27	12 $\frac{1}{2}$	8x8	30	9
24	390	625			32.5	"	20-1/8	33 $\frac{1}{2}$	2.77	27x27	12 $\frac{1}{2}$	8x8	35	9
28	480	770			37.6	"	24-1/8	33 $\frac{1}{2}$	3.32	31x27	12 $\frac{1}{2}$	8x12	35	9
32	570	910			42.7	"	28-1/8	33 $\frac{1}{2}$	3.87	35x27	12 $\frac{1}{2}$	8x12	35	9
36	660	1055			47.8	"	32-1/8	33 $\frac{1}{2}$	4.42	39x27	12 $\frac{1}{2}$	12x12	35	9
40	750	1200			52.9	"	36-1/8	33 $\frac{1}{2}$	4.97	43x27	12 $\frac{1}{2}$	12x12	40	9
Kohler "GP" Boilers (GPSJ and GPWJ) for Oil Firing (Cast Iron Square)														
20	330	605		1.35	27.4	17-7/8	16-1/8	33 $\frac{1}{2}$	2.22	1-11/12x2-1/4	12 $\frac{1}{2}$	8x8	30	9
24	400	730		1.50	32.5	"	20-1/8	33 $\frac{1}{2}$	2.77	2-1/4x2-1/4	12 $\frac{1}{2}$	8x8	30	9
28	470	855		1.75	37.6	"	24-1/8	33 $\frac{1}{2}$	3.32	2-7/12x2-1/4	12 $\frac{1}{2}$	8x12	30	9
32	540	925		1.95	42.7	"	28-1/8	33 $\frac{1}{2}$	3.87	2-11/12x2-1/4	12 $\frac{1}{2}$	8x12	30	9
36	610	1100		2.20	47.8	"	32-1/8	33 $\frac{1}{2}$	4.42	3-1/4x2-1/4	12 $\frac{1}{2}$	8x12	35	9
40	680	1220		2.35	52.9	"	36-1/8	33 $\frac{1}{2}$	4.97	3-7/12x2-1/4*	12 $\frac{1}{2}$	8x12	35	9
* If with extended jacket, add 22" to length.														
Kohler "GM" Boilers (GMSJ and GMWJ) for Stoker														
24	400	730		16	32.5	17-7/8	20-1/8	33 $\frac{1}{2}$	2.77	27x27	12 $\frac{1}{2}$	8x8	30	9
28	470	855		19	37.6	"	24-1/8	33 $\frac{1}{2}$	3.32	31x27	12 $\frac{1}{2}$	8x12	30	9
32	540	925		21	42.7	"	28-1/8	33 $\frac{1}{2}$	3.87	35x27	12 $\frac{1}{2}$	8x12	30	9
36	610	1100		24	47.8	"	32-1/8	33 $\frac{1}{2}$	4.42	39x27	12 $\frac{1}{2}$	8x12	35	9
40	680	1220		27	52.9	"	36-1/8	33 $\frac{1}{2}$	4.97	43x27	12 $\frac{1}{2}$	8x12	35	9
Kohler "D" Boilers DSJ and DWJ for Hand Firing (Cast Iron Square)														
30	650	1040			48.7	25 $\frac{1}{2}$	23 $\frac{1}{2}$	35 $\frac{1}{2}$	4.5	30x36-3/4	12	12x12	35	12
35	800	1280			55.5	25 $\frac{1}{2}$	28 $\frac{1}{2}$	35 $\frac{1}{2}$	5.4	35x36-3/4	12	12x12	35	12
40	950	1520			62.3	25 $\frac{1}{2}$	33 $\frac{1}{2}$	35 $\frac{1}{2}$	6.3	40x36-3/4	12	12x12	35	12
45	1100	1760			72.0	25 $\frac{1}{2}$	38 $\frac{1}{2}$	35 $\frac{1}{2}$	7.2	45x36-3/4	12	12x12	35	12
50	1265	2020			78.8	25 $\frac{1}{2}$	43 $\frac{1}{2}$	35 $\frac{1}{2}$	8.1	49-3/4x36-3/4	12	12x16	38	12
55	1430	2285			88.5	25 $\frac{1}{2}$	48 $\frac{1}{2}$	35 $\frac{1}{2}$	9.0	54-3/4x36-3/4	12	12x16	42	12
60	1600	2560			95.3	25 $\frac{1}{2}$	53 $\frac{1}{2}$	35 $\frac{1}{2}$	9.9	59-3/4x36-3/4	12	12x16	45	12
Kohler "DP" Boilers (DPSJ) and (DPWJ) for Oil Firing (Cast Iron Square)														
35	640	1150		2.40**	55.5	25 $\frac{1}{2}$	28 $\frac{1}{2}$	35 $\frac{1}{2}$	5.4	2-11/12x3-1/12	12	12x12	25	12
40	800	1425		2.95	62.3	25 $\frac{1}{2}$	33 $\frac{1}{2}$	35 $\frac{1}{2}$	6.3	3-1/3x3-1/12	12	12x12	25	12
45	965	1700		3.50	72.0	25 $\frac{1}{2}$	38 $\frac{1}{2}$	35 $\frac{1}{2}$	7.2	3-3/4x3-1/12	12	12x12	30	12
50	1130	1975		4.05	78.8	25 $\frac{1}{2}$	43 $\frac{1}{2}$	35 $\frac{1}{2}$	8.1	4-1/6x3-1/12	12	12x12	30	12
55	1295	2250		4.55	88.5	25 $\frac{1}{2}$	48 $\frac{1}{2}$	35 $\frac{1}{2}$	9.0	4-7/12x3-1/12	12	12x12	35	12
60	1460	2510		5.05	95.3	25 $\frac{1}{2}$	53 $\frac{1}{2}$	35 $\frac{1}{2}$	9.9	5x3-1/12	12	12x16	35	12
65	1625	2770		5.55	105.0	25 $\frac{1}{2}$	58 $\frac{1}{2}$	35 $\frac{1}{2}$	10.8	5-5/12x3-1/12	12	12x16	40	12
70	1790	3040		6.00	111.8	25 $\frac{1}{2}$	63 $\frac{1}{2}$	35 $\frac{1}{2}$	11.7	5-5/6x3-1/12	12	12x16	40	12
** Maximum Firing Rate														
Kohler "DM" Boilers (DMWJ and DMSJ) for Stoker Firing (Cast Iron Square)														
35	640	1150		25	55.5	25 $\frac{1}{2}$	28 $\frac{1}{2}$	35 $\frac{1}{2}$	5.4	35x36-3/4	12	12x12	35	12
40	800	1425		31	62.3	25 $\frac{1}{2}$	33 $\frac{1}{2}$	35 $\frac{1}{2}$	6.3	40x36-3/4	12	12x12	35	12
45	965	1700		37	72.0	25 $\frac{1}{2}$	38 $\frac{1}{2}$	35 $\frac{1}{2}$	7.2	45x36-3/4	12	12x12	35	12
50	1130	1975		43	78.8	25 $\frac{1}{2}$	43 $\frac{1}{2}$	35 $\frac{1}{2}$	8.1	49-3/4x36-3/4	12	12x16	38	12
55	1295	2250		49	88.5	25 $\frac{1}{2}$	48 $\frac{1}{2}$	35 $\frac{1}{2}$	9.0	54-3/4x36-3/4	12	12x16	42	12
60	1460	2510		55	95.3	25 $\frac{1}{2}$	53 $\frac{1}{2}$	35 $\frac{1}{2}$	9.9	59-3/4x36-3/4	12	12x16	45	12
65	1625	2770		61	105.0	25 $\frac{1}{2}$	58 $\frac{1}{2}$	35 $\frac{1}{2}$	10.8	64-3/4x36-3/4	12	12x16	48	12
70	1790	3040		67	111.8	25 $\frac{1}{2}$	63 $\frac{1}{2}$	35 $\frac{1}{2}$	11.7	69-3/4x36-3/4	12	12x16	50	12

**KOHLER 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.)	
Kohler "22" Oil Boilers for Gun Burners (Cast Iron Square)														
22-5	310	560	1.25		23.6	17	10	27-3/4	fire box	18-1/2x27*	Wet	8x8	25	9
22-6	400	730	1.45		29.5	17	13 1/2	"	"	22x27	"	8x8	30	9
22-7	490	890	1.75		36.9	17	17	"	"	25-1/2x27	"	8x8	30	9
22-8	580	1045	2.00		42.8	17	20 1/2	"	"	29x27	"	8x8	30	9
22-9	670	1200	2.30		50.2	17	24	"	"	32-1/2x27	"	8x12	35	9
22-10	760	1355	2.55		56.1	17	27 1/2	"	"	36x27	"	8x12	35	9
* For extended jacket, add 24-3/4" to length.														
Kohler "32" Oil Boilers (Cast Iron Square)														
322	700	1120	2.7	Max.	60.6	25 1/2	28 1/2			35x36-3/4	12	12x12	35	12
323	900	1440	3.4	"	71.0	25 1/2	33 1/2			40x36-3/4	12	12x12	35	12
324	1100	1760	4.0	"	80.7	25 1/2	38 1/2			45x36-3/4	12	12x12	35	12
325	1300	2080	4.6	"	91.1	25 1/2	43 1/2			49-3/4x36-3/4	12	12x12	40	12
326	1500	2400	5.2	"	100.8	25 1/2	48 1/2			54-3/4x36-3/4	12	12x12	40	12
327	1700	2720	5.8	"	111.2	25 1/2	53 1/2			59-3/4x36-3/4	12	12x16	40	12
328	1900	3040	6.4	"	120.9	25 1/2	58 1/2			64-3/4x36-3/4	12	12x16	45	12
329	2100	3360	7.0	"	131.3	25 1/2	63 1/2			69-3/4x36-3/4	12	12x16	45	12
Kohler "F" Boilers (FSJ, FWJ, FFWJ) (Cast Iron Square)														
18x19	305	490	8.1	lbs.	26.6	17-7/8	19 1/2	22 1/4	2.57	2-1/12x2-1/4	10	8x8	30	9
18x23	360	580	9.6		32.3	"	23 1/2	"	3.11	2-5/12x2-1/4	10	8x12	30	9
18x27	400	640	10.7		36.2	"	27 1/2	"	3.64	2-3/4x2-1/4	10	8x12	35	9
18x31	455	730	12.2		41.9	"	31 1/2	"	4.18	3-1/12x2-1/4	10	8x12	35	9
18x35	495	795	13.3		45.8	"	35 1/2	"	4.71	3-5/12x2-1/4	10	12x12	35	9
18x39	550	865	14.8		51.5	"	39 1/2	"	5.25	3-3/4x2-1/4	10	12x12	35	9
26x24	590	945	15.8		45.3	25-7/8	23 1/2	25 1/4	4.49	2-1/2x3-1/12	12	8x12	35	12
26x29	685	1100	18.4		55.5	"	28 1/2	"	5.45	2-11/12x3-1/12	12	8x12	35	12
26x34	780	1250	20.8		62.3	"	33 1/2	"	6.41	3-1/3x3-1/12	12	12x12	35	12
26x39	885	1420	23.4		72.0	"	38 1/2	"	7.38	3-3/4x3-1/12	12	12x12	40	12
26x44	990	1580	26.0		78.8	"	43 1/2	"	8.34	4-1/6x3-1/12	12	12x12	45	12
26x49	1090	1750	28.5		88.5	"	48 1/2	"	9.30	4-7/12x3-1/12	12	12x12	45	12
26x54	1205	1930	31.1		95.3	"	53 1/2	"	10.28	5x3-1/12	12	12x16	45	12
26x59	1300	2080	33.6		105.0	"	58 1/2	"	11.24	5-5/12x3-1/12	12	12x16	45	12
26x64	1395	2230	36.2		111.8	"	63 1/2	"	12.20	5-5/6x3-1/12	12	12x16	45	12
Rating: Net for Oil Firing.														
Kohler "H" Boilers (HSJ, HWJ, HFSJ, HFWJ) (Cast Iron Square)														
18-6	400	640	11.0		32.6	17 1/2	19 1/2	17	2.57	2-1/6x2-1/3*	10	8x8	30	9
18-7	475	760	12.5		40.4	"	23 1/2	17	3.11	2-1/2x2-1/3	10	8x12	30	9
18-8	550	880	14.0		48.2	"	27 1/2	17	3.64	2-5/6x2-1/3	10	8x12	35	9
18-9	625	1000	16.0		56.0	"	31 1/2	17	4.18	3-1/6x2-1/3	10	8x12	35	9
18-10	700	1120	18.0		63.8	"	35 1/2	17	4.71	3-1/2x2-1/3	10	12x12	35	9
18-11	775	1240	20.0		71.8	"	39 1/2	17	5.25	3-5/6x2-1/3	10	12x12	35	9
Rating: Net for Oil														
* For extended jacket (HXSJ and HXWJ) add 26-1/4" to length.														
Kohler "F 36" Boilers (FJSJ and FFWJ) for Hand Firing (Cast Iron Square)														
36x32	1550	2480			103.7	36-1/8	31 1/2	36	7.4	31-1/2x47-1/2	13	16x16	45	16
36x40	2000	3200			126.6	"	39 1/2	36	9.4	39-1/2x47-1/2	13	16x16	50	16
36x48	2450	3920			149.5	"	47 1/2	36	11.4	47-1/2x47-1/2	13	16x20	50	16
36x56	2900	4640			172.4	"	55 1/2	36	13.4	55-1/2x47-1/2	13	20x20	55	16
36x64	3350	5360			195.3	"	63 1/2	36	15.4	63-1/2x47-1/2	13	20x20	60	16
Kohler "FP 36" Boilers (FPSJ and FFWJ) for Oil Firing (Cast Iron Square)														
36x40	1500	2400	5.5		126.6	36-1/8	39 1/2	36	9.4	39-1/2x47-1/2	13	16x16	40	14
36x48	1900	3040	6.8		149.5	"	47 1/2	36	11.4	47-1/2x47-1/2	13	16x16	45	14
36x56	2300	3680	8.1		172.4	"	55 1/2	36	13.4	55-1/2x47-1/2	13	16x16	50	14
36x64	2700	4320	9.4		195.3	"	63 1/2	36	15.4	63-1/2x47-1/2	13	16x20	55	14
36x72	3100	4960	10.7		218.2	"	71 1/2	36	17.4	71-1/2x47-1/2	13	20x20	55	14
Kohler "FM 36" Boilers (FMSJ and FFWJ) for Stoker Firing (Cast Iron Square)														
36x40	1600	2560	64		126.6	36-1/8	39 1/2	36	9.4	39-1/2x47-1/2	13	16x16	40	14
36x48	2050	3280	80		149.5	"	47 1/2	36	11.4	47-1/2x47-1/2	13	16x16	45	14
36x56	2500	4000	96		172.4	"	55 1/2	36	13.4	55-1/2x47-1/2	13	16x16	50	14
36x64	2950	4720	112		195.3	"	63 1/2	36	15.4	63-1/2x47-1/2	13	16x20	55	14
36x72	3400	5440	128		218.2	"	71 1/2	36	17.4	71-1/2x47-1/2	13	20x20	55	14

**KOOL-BASE BOILER 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.)	
3-600		430								17x28	5-3/8			5
A4-600		533								17x28	5-3/8			5
4-600		640								17x28	5-3/8			5
5-600		773								17x28	5-3/8			6
6-600		880								17x28	5-3/8			7

**KOVEN & BROTHERS, INC., I. O.**

200	"0" Series	Steel							2.34		16	8x8	30	7
	450	Net	1.85	36										
	De Luxe Series (Steel)													
2	450	Net	1.85	36					2.34	2-1/12x1-3/4	17	8x8	30	8
3	650		1.75	45					2.60	2-2/3x1-3/4	17	8x8	30	8
4	850		2.50	57					3.00	2-2/3x2-1/12	17	8x8	30	9
5	1050		3.25	70					3.55	2-2/3x2-5/12	17	8x8	30	9
8	1500		5.50	106					5.20	3-5/12x2-5/12	25	8x12	40	9
11	2063		7.75	142					6.90	4-5/12x2-5/12	25	12x12	40	10
	Single Sectional Series (Steel)													
1-6	1125		4.00	82					4.3	3-2/3x2-7/12	25	8x8	30	8
1-7	1313		4.75	94					4.9	4x2-7/12	25	8x12	30	8
1-8	1500		5.50	106					5.4	4-1/3x2-7/12	25	8x12	40	9
1-9	1688		6.25	118					6.0	4-2/3x2-7/12	25	8x12	40	9
1-10	1875		7.00	130					6.5	5-1/12x2-7/12	25	8x12	40	9
	Koven One Piece Model Automatic Firing Boiler (Steel Square)													
8	1770	5	SBI	104	28	35	36 1/2		5.0	33x41	25	8x12	40	9
	Venko Automatic Firing Boiler (Steel Square)													
1	400	840	1.15	18.25				22	2.9					7
2	500	840	1.35	23.0				22	2.9					7
	Package Boilers													
510		510	1	16				22		28x39		8	30	7
600-75		600	1	15				22		22x37				6
720		720	1.5	24				22		28x39		8	30	7
900		900	1.75	30				22		28x39		8	30	7
510WP		510	1.0	16			11 1/2" x 21"*	18		25-3/4x39	18	7	18	7
720WP		720	1.5	24			" "	18		25-3/4x39	18	7	18	7
900WP		900	1.75	30			" "	18		25-3/4x39	18	7	18	7
75-600P**		600	1.2	13.5	10	14		23		23x36	6	6	18	6
75-720P**		720	1.50	17.5	10	14		23		23x36	6	7	18	7
	* - Diameter top and bottom													
	** - Wet Base and Wet Bottom													
	Rating: Sq. Ft. of Heating Surface													
	Gas-Fired Boilers													
490WPG		490	(115 MBH)*	15				22		27x37				6
560WPG		560	(140 MBH)*	22				22		28x39				6
660		660	(155 MBH)*											
	* Input													

**LANSDALE BOILER 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.)	
4-17	300	525	EDR						1.46					6
5-17	350	600							1.46					6
4-18	400	650							1.69					6
5-18	450	725							1.69					6
6-18	500	775							1.69					6
4-20	550	900							2.18					7
5-20	600	1000							2.18					7
6-20	650	1050							2.18					7
4-23	825	1300							2.88					8
5-23	900	1425							2.88					8
6-23	950	1500							2.88					8
4-26	1050	1625							3.72					8
5-26	1125	1775							3.72					8
6-26	1200	1900							3.72					8
4-29	1300	2200							4.63					10
5-29	1400	2480							4.63					10
6-29	1500	2680							4.63					10
15	300	500							1.67	21x27				8
16	400	650							2.19	26x27				8
17	500	825							2.71	31x27				8
18	600	1025							3.23	36x27				8
26	650	1050							3.97	30-3/8x35-1/4				10
27	825	1325							4.89	36-3/8x35-1/4				10
28	1025	1650							5.80	42-3/8x35-1/4				10
29	1200	1950							6.72	48-3/8x35-1/4				12
15-3-S	273		EDR						1.15		8x8	30		8
3-15-W		436							1.15		8x8	30		8
15-4-S	408								1.67		8x8	30		8
4-15-W		654							1.67		8x8	30		8
15-5-S	556								2.19		8x12	30		8
5-15-W		895							2.19		8x12	30		8
15-6-S	717								2.71		8x12	30		8
6-15-W		1148							2.71		8x12	30		8
15-7-S	898								3.23		8x12	30		8
7-15-W		1438							3.23		8x12	30		10
22-4-S	704								5.05		12x12	30		10
4-22W		1126							5.05		12x12	30		10
22-5-S	915								3.97		12x12	30		10
5-22W		1465							3.97		12x12	30		10
22-6-S	1170								4.89		12x12	30		10
6-22W		1870							4.89		12x12	30		10
22-7S	1450								5.80		12x16	30		10
22-8-S	1745								6.72		16x16	30		10
24-5-S	812								4.33		12x12	35		10
24-6-S	1020								5.33		12x12	30		10
24-7-S	1250								6.33		12x16	35		10
7-24-W		2000							6.33		12x16	35		10
24-8-S	1420								7.33		12x16	35		12
24-9-S	1590								8.33		12x16	35		12
24-10-S	1755	EDR							9.33		12x16	35		12
36-7	2230	3570							9.50		16x16	35		14
36-8	2530	4210							11.00		16x16	35		14
36-9	2940	4700							12.50		16x20	35		14

**LEADER IRON WORKS**

	Koolstack	Economizer	Type, Fire Tube	Boiler (Round, Steel)	(Obsolete)			
2848	800	1280	102.09		23 1/2" #	68-1/2x36-1/2#		10
2854	1000	1600	121.96		23 1/2" #	68-1/2x36-1/2#		10
2880	1200	1920	141.47		23 1/2" #	68-1/2x36-1/2#		10
3654	1600	2660	244.74		33 1/2" #	46x90 #		12
3983	2100	3520	299.58		33 1/2" #	46x90 #		12
3972	2600	4160	357.44		33 1/2" #	46x90 #		12
Ratings: Net, Based on Actual Boiler Capacity at Outlet. * Diameter # Overall dimensions								