

KEWANEE FIREBOX BOILERS
Brick-set Type

KEWANEE BOILER CORPORATION Kewanee, Illinois BRANCHES IN 60 PRINCIPAL CITIES Steel Heating and Power Boilers, Water Heating Garbage Burners, Tabasco Heaters and Tanks.

KEWANEE STEEL HEATING BOILERS

Kewanee offers the most complete line of Steel Boilers built today for heating any size or kind of building. There are more than 350 sizes in 17 distinct series, perfectly adapted for burning every fuel with the highest efficiencies. Sixty-five years of intensive study and effort are back of the Kewanee Boiler designs. They are all constructed in the well-equipped factory at Kewanee, Illinois, conforming with the following Codes: A.S.M.E. for construction, S.H.B.I. for ratings.

The Kewanee series include:

- RIVETED Firebox types, 510 ft. to 36,810 ft.
- Brickset, Up-Draft and Smokeless.
- Portable Up-Draft and Smokeless, either two-pass tubes with front smoke outlet, or single-pass, rear smoke outlet.
- WELDED types, 410 ft. to 33,070 ft.
- Type "C" Direct Draft, and Smokeless Arch. With corrugated crown sheet.
- Residence Type "R" and Round Type "R".

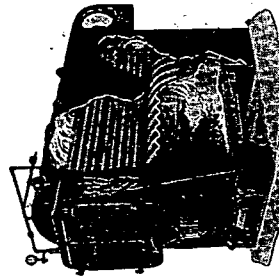
WELD PLUS RIVET and "G" Series, 2000 ft. to 40,000 ft. Smokeless & Up-Draft types, for front & rear smoke outlet.

SPECIFICATIONS—BRICK-SET UP-DRAFT BOILER

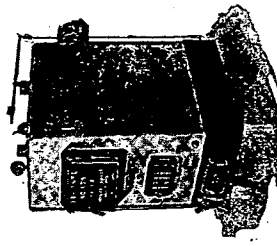
Boiler No.	0	1	2	3	4	5	6	8	9	10	11	12	13	14	15	16	17	18	19	20
Rated Capacity, Steam, sq. ft.	510	690	940	1240	1380	1830	2410	3340	4170	4300	5130	6070	7440	8770	10310	12080	12420	14670	16340	18610
Burning Coal, Hand Fired, in. x ft.	1440	1920	2250	2500	3060	3650	4260	5180	5950	6250	7140	8020	9520	11440	12630	14840	16210	18260	19840	26000
Width and Length, in. x ft.	24x6.8	30x6.6	36x7.5	40x8.5	46x10.5	52x12.5	58x14.5	64x16.5	70x18.5	74x19.5	84x21.5	94x23.5	104x25.5	114x27.5	124x29.5	144x31.5	164x33.5	184x35.5	204x37.5	264x43.5
Over-all Height, in.	64	70	76	82	88	94	100	106	112	118	124	130	136	142	148	154	160	166	172	178
Height of Water Line, in.	52	58	64	70	76	82	88	94	100	106	112	118	124	130	136	142	148	154	160	166
Approximate Weight, lbs.	1900	2400	2700	2900	3300	3700	4200	5400	6000	6700	7300	8000	10600	11900	14400	16000	17800	19100	21700	23500
Coal Burning, lbs.	1800	2200	2400	2500	2900	3300	3700	4800	5300	6000	6500	7100	9400	10600	12900	14400	16200	17300	19800	21300

Rated Capacity for Water Boiler is 90 per cent greater than Capacity for Steam Boiler.

KEWANEE RESIDENCE
TYPE R BOILERS



KEWANEE WELDED
TYPE C BOILERS



KEWANEE RESIDENCE
TYPE R BOILERS

SPECIFICATIONS—SMOKELESS DOWN-DRAFT BOILER

Boiler No.	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324
Rated Capacity, Steam, sq. ft.	3390	4260	5020	6100	6950	7650	8290	9000	10100	10820	12770	14740	16860	18420	20410	21690	23040	26810
Burning Coal, Hand Fired, in. x ft.	5050	5990	6650	7580	8430	9290	10070	10920	12260	13130	15500	17900	20460	22360	24800	26350	28300	33300
Width and Length, in. x ft.	48x9.1	48x10.4	48x11.4	54x10.9	54x11.9	54x12.9	54x13.9	60x13.9	60x15.3	60x16.3	66x15.3	66x17.8	72x16.6	72x17.9	78x17.8	84x18.8	84x20.1	84x24.1
Over-all Height, in.	84	84	84	89	89	89	88	83	87	87	101	107	107	113	115	115	121	121
Height of Water Line, in.	71	71	71	76	76	76	76	76	87	87	101	107	107	113	115	115	121	105
Approximate Weight, lbs.	7800	8600	9300	10400	11100	11900	14500	15300	16900	17800	20900	22900	25000	26500	28800	30000	37000	43000
Coal Burning, lbs.	7300	8000	8600	9600	10200	10900	13300	14000	15500	16200	19300	21100	23100	24400	26600	27800	34300	40000

SPECIFICATIONS—PORTABLE UP-DRAFT BOILER

Boiler No.	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424
Rated Capacity, Steam, sq. ft.	2550	3340	4170	4300	5130	6070	7440	8770	8700	10310	12420	14670	16340	18260	20410	21690	23040	33980
Burning Coal, Hand Fired, in. x ft.	4730	5270	6340	7040	7900	8760	9600	10640	11480	13210	15780	17680	19850	22150	24800	26350	28300	33980
Width and Length, in. x ft.	48x9.1	48x10.4	48x11.4	54x10.9	54x11.9	54x12.9	54x13.9	60x13.9	60x15.3	60x16.3	66x15.3	66x17.8	72x16.6	72x17.9	78x17.8	84x18.8	84x20.1	84x24.1
Over-all Height, in.	84	84	84	89	89	89	88	83	87	87	101	107	107	113	115	115	121	105
Height of Water Line, in.	71	71	71	76	76	76	76	76	87	87	101	107	107	113	115	115	121	105
Approximate Weight, lbs.	6900	7400	8300	9000	9800	10600	13200	14100	15900	17300	20400	22000	24000	25700	28900	31000	37000	40000
Coal Burning, lbs.	6400	6800	7600	8300	9000	9700	12000	12800	14600	15900	18800	20200	22000	23600	25800	26600	33300	37100

SPECIFICATIONS—TYPE "C" WELDED BOILER

Boiler No.	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770
Rated Capacity, Steam, sq. ft.	2100	2600	3250	3630	4060	4550	5250	5950	6470	7000	8280	9610	10850	12110	14300	16380	18660	20750	22520	25530	28780	33070
Burning Coal, Hand Fired, in. x ft.	3260	3760	4410	4910	5410	6110	6810	7510	8010	8510	10010	11510	13010	14510	17010	19510	22010	24510	27010	30010	33010	37010
Width and Length, in. x ft.	36x5.8	36x6.8	36x7.8	36x8.8	36x9.8	36x10.8	36x11.8	36x12.8	36x13.8	36x14.8	36x15.8	36x16.8	36x17.8	36x18.8	36x19.8	36x20.8	36x21.8	36x22.8	36x23.8	36x24.8	36x25.8	36x26.8
Over-all Height, in.	77 1/2	77 1/2	77 1/2	77 1/2	83 1/2	83 1/2	86 1/2	86 1/2	86 1/2	86 1/2	99	99	108 1/2	108 1/2	112	112	118	118	122	122	135	153
Height of Water Line, in.	69	69	69	69	72	72	72	72	73	73	75	85	94	94	95	95	101	101	103	103	114	114
Approximate Weight:																						
Coal Burning, lbs.	4700	5200	5500	6000	6500	7100	7500	7900	8300	8800	10600	11700	12900	14000	16300	17900	19800	21300	22600	24700	28400	31300
Oil Burning, lbs.	3600	3800	4200	4600	5000	5400	5900	6300	6700	7100	8900	9600	10600	11500	13700	15100	16600	17800	19200	21100	24500	27000

*Boiler Series 1749-1770 for oil, gas or stoker; Series 2749-2770 for anthracite.

SPECIFICATIONS—RESIDENCE TYPE "R" BOILER

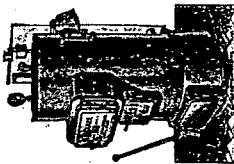
Boiler No.	742	743	745	746	747	748
Rated Capacity, Steam, sq. ft.	790	1000	1350	1600	1780	1960
Burning Coal, Hand Fired, in. x ft.	840	1120	1470	1900	2160	2380
Width and Length, in. x ft.	31x5.2	31x5.2	31x5.2	31x5.2	31x5.2	31x5.2
Over-all Height, in.	48	48	48	48	48	48
Height of Water Line, in.	35	35	35	35	35	35
Approximate Weight, lbs.	2150	2360	2800	3050	3300	3550
Coal Burning, lbs.	1900	2060	2500	2730	2920	3120
Jacket, Crated, Add, lbs.	205	225	175	190	200	225

*Boiler Series 1742-1748 for oil, gas or stoker; Series 2742-2748 for anthracite.

ROUND TYPE "R" BOILER

Boiler No.	735	736
Rated Capacity, Steam, sq. ft.	410	550
Burning Coal, Hand Fired, in. x ft.	340	460
Width and Length, in. x ft.	34x5.2	34x5.2
Over-all Height, in.	55	59
Height of Water Line, in.	35	35
Approximate Weight, lbs.	1040	1280
Coal Burning, lbs.	920	1130
Jacket, Crated, Add, lbs.	190	215

*Boiler Nos. 1735-1736 for oil, gas, stoker; Nos. 2735-2736 for anthracite.



Kewanee Round
Type R Boiler

Capacities of the Round "R" used as Direct Hot Water Heater are: 700 and 800 gallons per 3 hours 100 degrees raise.