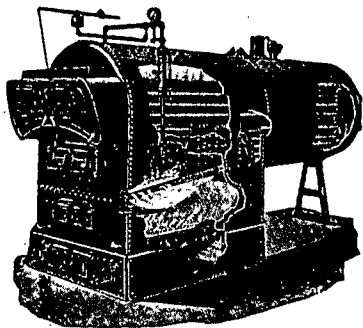


Kewanee Firebox Boilers
Brick-set Type



Kewanee Smokeless Boilers
Portable Type

KEWANEE BOILER CORPORATION

Kewanee, Illinois

BRANCHES IN 61 PRINCIPAL CITIES

Steel Heating and Power Boilers, Water Heating
Garbage Burners, Tabasco Heaters and Tanks.

KEWANEE STEEL HEATING BOILERS

Kewanee offers a dependable line of Steel Boilers built for heating every size building, with high efficiency, burning any kind of fuel. There are 350 standard sizes of Kewanee Boilers most of which are kept in stock, ready for immediate delivery.

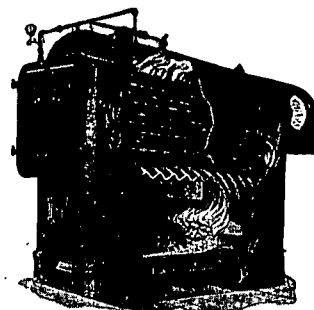
Sixty-eight years of intensive study and effort are back of Kewanee Boiler designs. They are all constructed in our extensively equipped factory at Kewanee, Illinois, in conformity with these Codes: *American Society of Mechanical Engineers* for construction, and for rating with the *Steel Heating Boiler Institute Simplified Practice*.

The Kewanee series include:

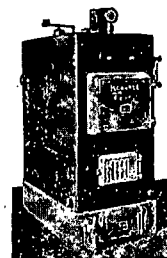
HEAVY DUTY RIVETED FIREBOX TYPES: 1,240 ft to 35,000 ft. *Brickset and portable settings, Updraft and Downdraft Smokeless Furnace, Single-pass tubes for rear smoke outlet; Two-pass tubes for front smoke outlet.*

WELDED BOILERS: 2,200 ft to 35,000 ft. *Direct Draft or Smokeless Arch with Corrugated Crown Sheet. Rear Smoke outlet.*

RESIDENCE STEEL BOILERS: 410 ft to 1,960 ft. *Square and Round Type "R" with and without Jackets. Hot Water Heating Coils for Tank or instantaneous.*



Kewanee Welded
Type C Boilers



Kewanee Residence
Square Type R Boilers

SPECIFICATIONS—BRICK-SET UP-DRAFT BOILER

Boiler No.	3	4	5	6	8	9	10	11	12	13	14	15	17	18	19	20
Rated Steam Capacity:																
Coal.....Sq Ft	1240	1380	1800	2200	3500	4000	4500	5000	6000	7000	8500	10000	12500	15000	17500	20000
Oil, Gas or Stoker.....Sq Ft	1770	2020	2190	2580	4250	4860	5470	6080	7290	8500	10330	12150	15180	18220	21250	24290
Width and Length.....In. x Ft In.	30x8-6	36x7-6	36x9-0	36x10-6	42x10-0	42x11-6	48x10-6	48x12-0	48x13-6	54x13-11	54x16-5	60x16-5	66x16-0	66x18-0	72x18-0	72x18-0
Overall Height.....In.	47	53	53	53	59	59	61	61	65	71	75	78	84	84	90	90
Height of Water Line.....In.	52	55	55	55	58 1/2	58 1/2	61	61	66	71	75	78	80	80	85 1/2	85 1/2
Approximate Weight: Coal.....Lb	2900	3300	3500	3900	5200	5700	6200	6700	7800	8800	10300	11800	14300	16800	19400	21900
Oil.....Lb	2500	2900	3100	3400	4600	5100	5500	5900	6900	7800	9200	10600	12800	15200	17700	20000

Rated Capacity for Water Boiler is 60 per cent greater than Capacity for Steam Boiler.

SPECIFICATIONS—SMOKELESS DOWN-DRAFT BOILER

Boiler No.	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390
Rated Steam Capacity:															
Coal.....Sq Ft	3500	4000	4500	5000	6000	7000	8500	10000	12500	15000	17500	20000	25000	30000	35000
Oil, Gas or Stoker.....Sq Ft	4250	4860	5470	6080	7290	8500	10330	12150	15180	18220	21250	24290	30360	36430	42500
Width and Length.....In. x Ft In.	42x8-3	42x9-3	48x8-7 1/2	48x9-5	54x11-2 1/2	54x12-11	60x12-8	60x14-9	66x14-11	66x17-4	72x16-5	72x17-0	78x17-0	84x19-11	84x22-8
Overall Height.....In.	80	80	86	86	94	94	101	101	107	107	113	113	115	125	125
Height of Water Line.....In.	70	70	73	73	78	78	85	85	88 1/2	88 1/2	94 1/2	94 1/2	95	107 1/2	107 1/2
Approximate Weight: Coal.....Lb	6800	7500	8100	8800	10000	11100	13600	15300	18000	20500	22900	25100	29500	33600	37500
Oil.....Lb	6200	6900	7400	8000	9100	10100	12500	14100	16500	18900	21200	23200	27500	31500	35200

SPECIFICATIONS—PORTABLE UP-DRAFT BOILER

Boiler No.	480	481	482	483	484	485	486	487	488	489	490
Rated Steam Capacity:											
Coal.....Sq Ft	6000	7000	8500	10000	12500	15000	17500	20000	25000	30000	35000
Oil, Gas or Stoker.....Sq Ft	7290	8500	10330	12150	15180	18220	21250	24290	30360	36430	42500
Width and Length.....In. x Ft In.	54x11-5	54x13-1 1/2	60x13-4 1/2	60x15-1 1/2	66x15-6 1/2	66x18-0 1/2	72x17-0	78x17-7 1/2	78x21-3 1/2	84x20-7	84x23-4
Overall Height.....In.	94	94	101	101	107	107	113	115	115	125	125
Height of Water Line.....In.	78	78	85	85	88 1/2	88 1/2	94 1/2	95	95	107 1/2	107 1/2
Approximate Weight: Coal.....Lb	10200	11400	13300	14800	17300	19700	22000	24200	29400	32300	36100
Oil.....Lb	9300	10400	12200	13600	15800	18100	20300	22300	26400	30200	33800

SPECIFICATIONS—TYPE "C" WELDED BOILER

*Boiler No.....	2773	2774	2775	2776	2777	2778	2779	2780	2781	2782	2783	2784	2785	2786	2787	2788	2789	2790
Rated Steam Capacity:																		
Coal.....Sq Ft	2200	2600	3000	3500	4000	4500	5000	6000	7000	8500	10000	12500	15000	17500	20000	25000	30000	35000
Oil, Gas or Stoker.....Sq Ft	2680	3160	3650	4250	4860	5470	6080	7290	8500	10330	12150	15180	18220	21250	24290	30360	36430	42500
Width & Length, In.x Ft.in.	36x5-10	36x6-4	36x6-10	36x7-8 1/2	42x7-10 1/2	42x8-6 1/2	42x9-2	48x9-4 1/2	48x10-7	54x9-11	54x11-2 1/2	60x11-6 1/2	66x12-3 1/2	72x12-1 1/2	72x13-4	78x14-9 1/2	84x14-2 1/2	84x15-11 1/2
Overall Height.....In.	77 1/2	77 1/2	77 1/2	77 1/2	83 1/2	83 1/2	83 1/2	86 1/2	86 1/2	99	99	108 1/2	112	118	118	122	135	135
Height of Water Line.....In.	69	69	69	69	72	72	72	73	73	85	85	94	95	101	101	103	114	114
Approximate Weight:																		
700 Series, Coal.....Lb	3900	4400	5000	5500	6000	6500	7500	8400	9700	11000	12900	14900	16600	18400	22000	25200	28400	
2700 Series, Coal.....Lb	3400	3800	4300	4800	5300	5800	6300	7200	8100	9400	10600	12300	14400	16100	17900	21200	24400	
Oil.....Lb	2900	3300	3700	4100	4600	5000	5400	6100	6900	8000	9100	10700	12300	13800	15400	18100	20900	23400

*Boiler Series 1773-1790 for Oil, Gas, Stoker; Series 2773-2790 for Anthracite; Series 1773-1790 for Stoker, 2880 Ft to 42500 Ft.

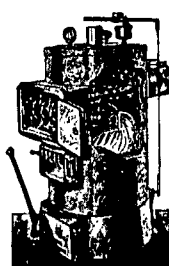
SPECIFICATIONS—RESIDENCE TYPE "R" BOILER ROUND "R"

*Boiler No.	742	743	745	746	747	748	735	736
Rated Steam Capacity, Coal.....Sq Ft	790	1000	1350	1600	1780	1960	410	550
Oil, Gas or Stoker.....Sq Ft	840	1120	1470	1900	2160	2380	540	680
Width and Length.....In. x In.	32x39 1/2	32x45 1/2	32x45 1/2	32x51 1/2	32x57 1/2	32x63 1/2	23	26
Diameter.....In.	59 1/2	59 1/2	70 1/4	70 1/4	70 1/4	70 1/4	55 1/4	59 1/4
Overall Height.....In.	48	48	58 1/2	58 1/2	58 1/2	58 1/2	44	46
Height of Water Line.....In.	48	48	58 1/2	58 1/2	58 1/2	58 1/2	44	46
Approximate Weight: Coal.....Lb	2150	2360	2800	3050	3300	3550	1040	1280
Oil.....Lb	1900	2060	2500	2730	2920	3120	920	1130
Jacket, Crated.....Lb	205	225	175	190	200	225	190	215
Boiler No., Square "R" Oil or Gas.....	83R1	83R2	83R3	83R4	83R6	83R7	83R8	83R9
Rated Steam Capacity.....Sq Ft	901	1105	1326	1513	2091	2363	2652	2924
Approximate Weight.....Lb	1600	1800	2000	2200	2800	2900	3100	3300

*Boiler Series 1742-1748, 1735-1736 for Oil, Gas or Stoker; 2742-2748, 2735-2736 for Anthracite. Kewanee Indirect Hot Water Heating Coils for Type C, Square and Round R Boilers; 130 Sizes, 75 to 4500 Gal.



Kewanee Square "R"
Oil or Gas Boiler



Kewanee Round
"R" Boiler

Kewanee Round "R" and Square Type "R" Residence Heating Boilers for all fuels. Standard snug fitting jackets or Regal. Regal-Square styles for completely enclosing burners are available for Round "R" and 83R. Hot Water Copper Coil. 75 gal comes with Round "R". Capacities up to 720 may be ordered.

Kewanee Boiler Corp.

Boilers, Steel

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