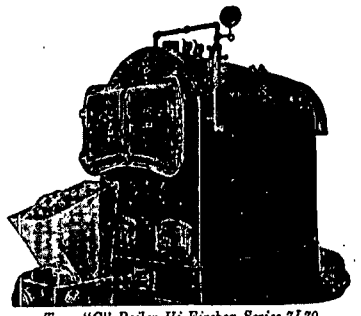
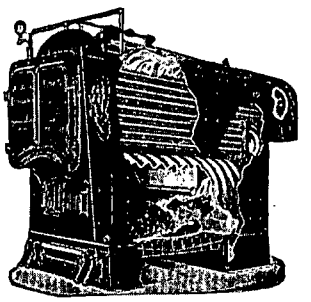
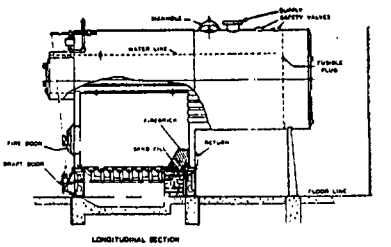


Type "C" Boiler Hi-Firebox Series 7L70 for Oil, Gas or Stoker



Type "C" (cut-away View) 27L70 for Hand-fired Coal



"6000" Series Diagram

Welded Firebox Boilers Updraft 6176-6190 Mechanical rating same dimension as 6076-6090 Hand-fired. Smokeless Downdraft 6177-6190 Mechanical rating same dimensions as 6077-6090 Hand-fired.

SPECIFICATIONS—TYPE "C" HI-FIREBOX WELDED BOILER

7L70 Series & 27L70 Series

Boiler No. Oil, Gas, Stoker	7L75	7L76	7L77	7L78	7L79	7L80	7L81	7L82	7L83	7L84	7L85	7L86	7L87	7L88	7L89	7L90
SBI Rating Steam....Sq Ft	3650	4250	4860	5470	6080	7290	8500	10330	12150	15180	18220	21250	24290	30360	36430	42500
SBI Net Rating....Sq Ft	3000	3500	4000	4500	5000	6000	7000	8500	10000	12500	15000	17500	20000	25000	30000	35000
Width x Length....In. x Ft In	36x6-10½	36x7-9	42x7-10½	42x8-6½	42x9-2	48x9-4½	48x10-7	54x9-11	54x11-2½	60x11-6½	66x12-3½	72x12-1½	72x13-4½	78x14-9½	84x14-2½	84x15-11½
Overall Height Shell....In.	84	84	88½	88½	88½	92½	92½	106	106	115½	120½	130½	130½	138	162½	162½
Height of Water Line....In.	75	75	76½	76½	76½	79½	79½	90¼	90¾	100½	103	113	113	119	141½	141½
Shipping Weight....Lb	3900	4400	4900	5400	5800	6700	7600	8800	10000	11800	13600	15300	17000	20100	23200	26100
Boiler No. Hand-fired Coal	27L75	27L76	27L77	27L78	27L79	27L80	27L81	27L82	27L83	27L84	27L85	27L86	27L87	27L88	27L89	27L90
SBI Rating Steam....Sq Ft	3000	3500	4000	4500	5000	6000	7000	8500	10000	12500	15000	17500	20000	25000	30000	35000
SBI Net Rating....Sq Ft	2500	2920	3330	3750	4170	5000	5830	7080	8330	10420	12500	14580	16670	20830	25000	29170
Shipping Weight....Lb	4500	5100	5600	6200	6700	7800	8800	10200	11500	13800	15700	17600	19500	23200	26700	30200

SPECIFICATIONS—WELDED FIREBOX BOILER

"5000" Series & "6000" Series

Boiler No. Updraft	5076	5077	5078	5079	5080	5081	5082	5083	5084	5085	5086	5087	5088	5089	5090
SBI Rating Steam, Coal....Sq Ft	3500	4000	4500	5000	6000	7000	8500	10000	12500	15000	17500	20000	25000	30000	35000
SBI Net Rating....Sq Ft	2920	3330	3750	4170	5000	5830	7080	8330	10420	12500	14580	16670	20830	25000	29170
SBI Rating Steam: Oil, Gas, Stoker....Sq Ft	4250	4860	5470	6080	7290	8500	10330	12150	15180	18220	21250	24290	30360	36430	42500
SBI Net Rating....Sq Ft	3500	4000	4500	5000	6000	7000	8500	10000	12500	15000	17500	20000	25000	30000	35000
Width x Length....In. x Ft In.	42x7-3	42x8-0	42x8-11	42x9-10	48x9-9	48x11-1½	54x11-1	54x12-9	60x13-2½	60x15-3	66x14-5½	66x16-0½	72x16-8½	78x17-5½	78x19-8½
Overall Height....In.	81	81	81	81	86½	86½	92½	92½	100½	100½	105	105	112	117	117
Height of Water Line....In.	70	70	70	70	73½	73½	78	78	84	84	86	86	94½	96	96
Shipping Weight, Coal....Lb	5100	5600	6100	6600	7500	8400	9600	10800	12600	14400	16100	17900	21200	24400	27500
Boiler No. Downdraft		6077	6078	6079	6080	6081	6082	6083	6084	6085	6086	6087	6088	6089	6090
Shipping Weight, Coal....Lb		5800	6300	6800	7700	3600	9900	11200	13100	14900	16600	18300	21500	24500	27300

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

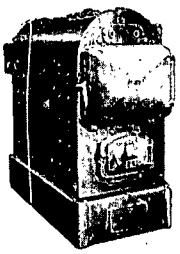
Table for two series of Boilers lists maximum dimensions only.

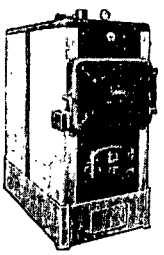
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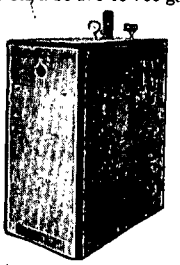
KEWANEE TYPE "R" RESIDENCE BOILERS

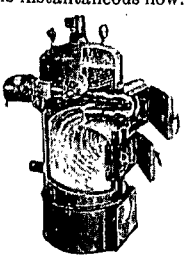
Kewanee Type "R" Boilers are especially designed and constructed to meet all heating and hot water requirements for homes and small buildings. Every kind of solid fuel, coke, all grades of hard or soft coals and their briquette or treated forms are burned with excellent results. Also, any liquid fuel, oil, and natural or commercial gas can be used with high efficiency.

Jackets are available for Round "R" and Square "R" and standard on Cottage Boiler. Hot Water Copper Coil may be ordered for Type "R" and Cottage Boilers, 55 to 720 gals capacity for storage tank operation, also 170 to 700 gals instantaneous flow.









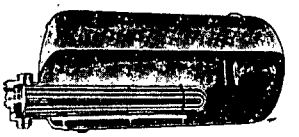
SPECIFICATIONS—RESIDENCE BOILERS SQUARE & ROUND "R" COTTAGE

Boiler No.	3R1	3R2	3R3	3R4	3R5	3R6	3R7	3R8	510	734	735	736	1737
Net Load Steam, Handfired..Sq Ft	740	910	1080	1230	1480	1810	2140	2480	....	330	450	570	....
Water....Sq Ft	1180	1450	1720	1970	2370	2890	3430	3970	....	530	720	910	....
Btu per Hour....1000's	178	218	261	295	355	434	514	595	....	79	108	137	....
Net Load Steam, Mechanical..Sq Ft	900	1100	1300	1500	1800	2200	2600	3000	....	400	550	700	900
Water....Sq Ft	1440	1760	2080	2400	2880	3520	4160	4800	510	640	880	1120	1440
Btu per Hour....1000's	216	264	312	360	432	528	624	720	77	96	132	168	216
Heating Surface....Sq Ft	53	65	77	88	106	129	153	177	19	24	32	41	53
Grate Area....Sq Ft	4.2	4.9	5.7	6.3	7.2	8.4	9.4	10.5	....	2.2	2.9	3.7	....
Firebox Volume....Cu Ft	8.8	10.4	12.0	13.6	17.2	20.1	23.1	26.3	2.9	3.7	5.4	7.4	7.4
Width and Length....In x In.	30x30½	30x36½	30x42½	30x48½	34x42½	34x50½	34x58	34x67	d.20	24	28	31	31
Diameter Firebox Inside....In.	....	....	....	....	....	....	....	....	16	20	23	26	26
Overall Height from Floor....In.	65	65	65	65	72½	72½	72½	72½	56¾	54½	58	60½	60½
Height of Water Line....In.	55½	55½	55½	55½	62½	62½	62½	62½	....	44	47	49	49
Shipping Weight, Hand UnJ...Lb	1775	1975	2175	2350	2600	2900	3200	3500	....	880	1040	1280	....
Mech UnJ...Lb	1500	1650	1800	1950	2250	2475	2725	3000	650*	800	920	1130	1400
Outside Surface to Cover....Sq Ft	38	43	48	53	58	65	73	82	22	24	35	41	47

*Jacketed

KEWANEE STORAGE WATER HEATERS

Kewanee Storage Heaters—use exhaust or live steam. 15 standard Coil Elements in 29 standard size storage tanks. Capacities 95 to 2240 gals per hr.

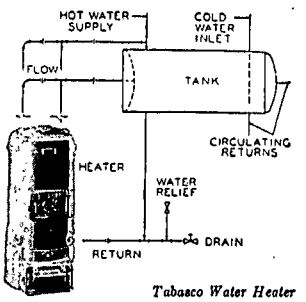


KEWANEE HI-TEST BOILER

Kewanee Hi-Test Fusion Welded Series for High Pressure Steam in power or industrial process. 6 stock sizes, 50 to 180 hp, 125 and 150 lbs steam working pressure. All *A.S.M.E.* Code.

KEWANEE WATER HEATERS

All-Weld Tabasco Water Heaters, 5 sizes to heat 165–700 gal 50 deg per hour. Extra Heavy W. P. 100 lb per sq in. 150 lb Test.



Tabasco Water Heater

1307