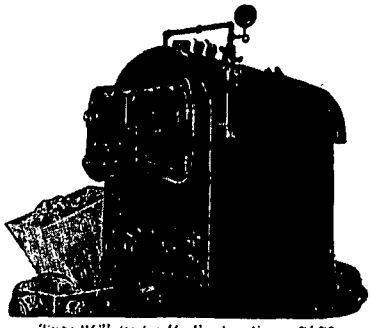
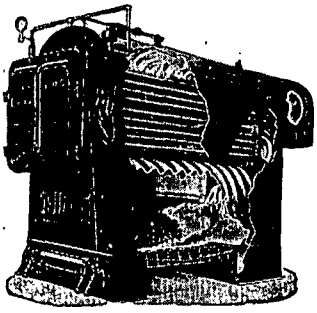
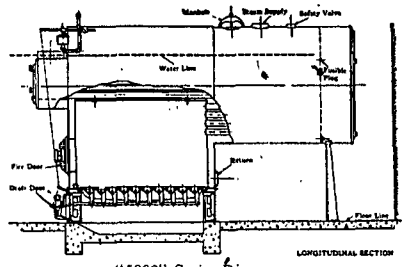


Type "C" Boiler Hi-Firebox Series 7L70 for Oil, Gas or Stoker



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



"5000" 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 BOILERS — **7L70 Series & 27L70 Series**

Boiler No. Oil, Gas, Stoker	7L73	7L74	7L75	7L76	7L77	7L78	7L79	7L80	7L81	7L82	7L83	7L84	7L85	7L86	7L87	7L88	7L89	7L90
SBI Rating Steam..Sq Ft	2680	3160	3650	4250	4860	5470	6080	7290	8500	10330	12150	15180	18220	21250	24290	30360	36430	42500
SBI Net Rating....Sq Ft	2200	2600	3000	3500	4000	4500	5000	6000	7000	8500	10000	12500	15000	17500	20000	25000	30000	35000
Width x Lgth., In. x Ft In.	36x5-10½	36x6-4½	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	84	84	88½	88½	88½	92½	92½	105½	105½	115½	120½	130½	130¼	138	162½	162½
Height of Water Line..In.	75	75	75	75	76½	76½	76½	79½	79½	90	90	100½	103	113	113	119	141½	141½
Shipping Weight.....Lb	3100	3500	3900	4400	4900	5400	5800	6700	7600	8800	10000	11800	13600	15300	17000	20100	23200	26100
Boiler No. Hand-fired Coal	**27L73**	**27L74**	**27L75**	**27L76**	**27L77**	**27L78**	**27L79**	**27L80**	**27L81**	**27L82**	**27L83**	**27L84**	**27L85**	**27L86**	**27L87**	**27L88**	**27L89**	**27L90**
SBI Rating Steam..Sq Ft	2200	2600	3000	3500	4000	4500	5000	6000	7000	8500	10000	12500	15000	17500	20000	25000	30000	35000
SBI Net Rating....Sq Ft	1830	2170	2500	2920	3330	3750	4170	5000	5830	7080	8330	10420	12500	14580	16670	20830	25000	29170
Shipping Weight.....Lb	3600	4000	4500	5100	5600	6200	6700	7800	8800	10200	11500	13600	15700	17600	19500	23200	26700	30200

SPECIFICATIONS—WELDED FIREBOX BOILER — **"5000" Series & "6000" Series**

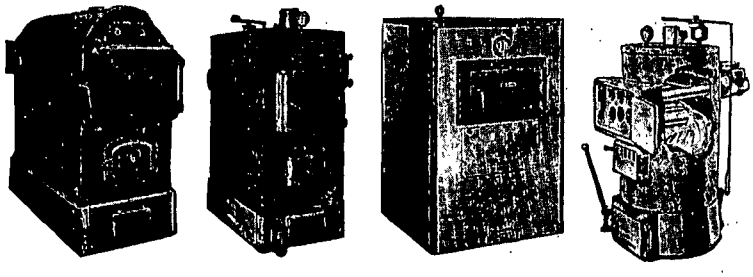
Boiler No. Updraft	5076	5077	5078	5079	5080	5081	5082	5083	5084	5085	5086	5087	5088	5089	5090
SBI Rating Steam Coal.....Sq Ft	3500	4000	4500	5000	6000	7000	8500	10000	12500	15000	17500	20000	25000	30000	35000
SBI Net Rating.....Sq Ft	2920	3330	3750	4170	5000	5830	7080	8330	10420	12500	14580	16670	20830	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	8600	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.

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.

Standard jackets will be available for Round "R" and Square "R" Boilers. Hot Water Copper Coil may be ordered for Round and Square "R" Boilers, 55 to 720 gallons capacity for storage tank operation, also 135 to 700 gallons instantaneous flow.



SPECIFICATIONS—RESIDENCE BOILERS — **SQUARE "R"** — **ROUND TYPE "R"**

Boiler No.	3R1	3R2	3R3	3R4	3R5	3R6	3R7	3R8	733	734	735	736	1737
Net Load Steam, Hand-fired..Sq Ft	740	910	1080	1230	1480	1810	2140	2480	225	330	450	570	.....
Water.....Sq Ft	1180	1450	1720	1970	2370	2890	3430	3970	360	530	720	910	.....
Btu per Hour.....1000's	178	218	261	295	355	434	514	595	54	79	108	137	.....
Net Load Steam, Mechanical..Sq Ft	900	1100	1300	1500	1800	2200	2600	3000	275	400	550	700	900
Water.....Sq Ft	1440	1760	2080	2400	2880	3520	4160	4800	440	640	880	1120	1440
Btu per Hour.....1000's	216	264	312	360	432	528	624	720	66	96	132	168	216
Heating Surface.....Sq Ft	53	65	77	88	106	129	153	177	16	24	32	41	53
Grate Area.....Sq Ft	4.2	4.9	5.7	6.3	7.2	8.4	9.4	10.5	1.6	2.2	2.9	3.7	.....
Furnace Volume.....Cu Ft	8.2	10.0	11.8	13.6	16.4	20.0	23.6	27.3	3.1	4.4	6.4	8.9	8.9
Width and Length.....In x In.	30x30½	30x36½	30x42½	30x48½	34x42½	34x50½	34x58	34x67	.....	.....	.....	.....	.....
Diameter Firebox Inside.....In.	.....	.....	.....	.....	.....	.....	.....	.....	17	20	23	26	26
Overall Height from Floor.....In.	65	65	65	65	72½	72½	72½	72½	54	54½	58	60½	61
Height of Water Line.....In.	55½	55½	55½	55½	62½	62½	62½	62½	46	44	47	49	49
Shipping Weight, Hand.....Lb	1775	1975	2175	2350	2600	2900	3200	3500	700	880	1040	1280	.....
Mech.....Lb	1500	1650	1800	1950	2250	2475	2725	3000	600	800	920	1130	1400
Outside Surface to Cover....Sq Ft	38	43	48	53	58	65	73	82	17	24	35	41	47

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 SCOTCH MARINE BOILERS

Kewanee Scottie Junior for High Pressure Steam in small industrial usage. 6 sizes 6 to 30 hp at 100 lbs steam pressure.

Kewanee Welded Scotch Marine, Low Pressure Steam. 11 sizes, 5470 to 30360 sq ft, mechanically fired.

KEWANEE HI-TEST BOILER

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

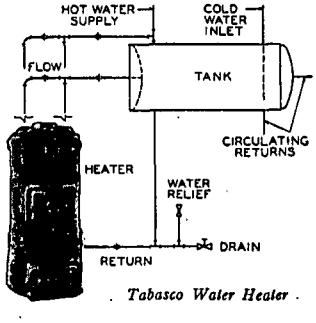
KEWANEE WATER HEATERS AND TANKS

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

Water Heating Garbage Burner



Tanks 85 to 450 Gal



Tabasco Water Heater