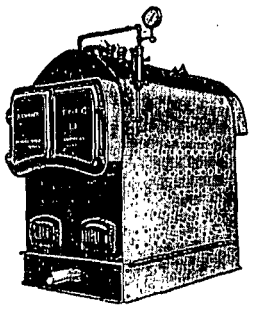
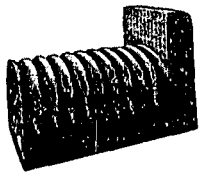
KEWANEE TYPE "C" BOILER
With Corrugated Crown Sheet



Type "C" Boiler

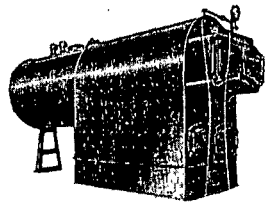
Here is a compact boiler requiring a minimum of floor space yet produces steam in great amounts, quickly, especially adaptable for heating large buildings at low cost without sacrificing efficiency, uses oil, gas, or stoker. Available in 11 sizes.

The Corrugated Crown Sheet, exclusive with Kewanee, has many advantages over conventional designs. Corrugations add strength and provide additional heating surface next to the fire. Being right-side-up eliminates pockets to collect sediment. Water circulating over the crown sheet makes it self-cleaning.



Corrugated Crown Sheet

KEWANEE "5000" SERIES



"5000" Welded Boiler

Features large heating surface, steam space, disengaging area, furnace volume and water content. All seams are welded. Fifteen sizes ranging from 3,500 to 42,500 sq ft steam.

1482

SPECIFICATIONS KEWANEE TYPE "C"

Mechanically Fired—oil, gas or coal

Boiler Number		7L80	7L81	7L82	7L83	7L84	7L85	7L86	7L87	7L88	7L89	7L90
SBI Rating—steam radiation*	sq ft	7290	8500	10330	12150	15180	18220	21250	24290	30360	36430	42500
—Btu per hour	1000's	1750	2040	2479	2916	3643	4373	5100	5830	7286	8743	10200
SBI Net Rating—steam*	sq ft	6000	7000	8500	10000	12500	15000	17500	20000	25000	30000	35000
—Btu per hour	1000's	1440	1680	2040	2400	3000	3600	4200	4800	6000	7200	8400
Boiler Width	ft-in.	4-0	4-0	4-6	4-6	5-0	5-6	6-0	6-0	6-6	7-0	7-0
Boiler Length overall	ft-in.	9-4½	10-7	9-11	11-2½	11-6½	12-3½	12-1½	13-4½	14-9½	14-2½	15-11½
Steam Supply Height	ft-in.	8-1	8-1	9-2½	9-2½	10-0	10-4½	11-2½	11-2½	11-11	13-11½	13-11½
Water Line Height	ft-in.	6-7½	6-7½	7-7	7-7	8-4½	8-7	9-5	9-5	9-11	11-9½	11-9½

* Water radiation 60 per cent more than steam.

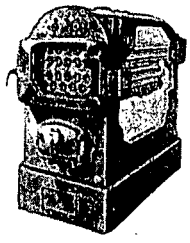
SPECIFICATIONS KEWANEE "5000" SERIES

Mechanically Fired—oil, gas or coal

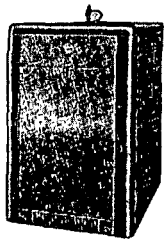
Boiler Number		5176	5177	5178	5179	5180	5181	5182	5183	5184	5185	5186	5187	5188	5189	5190
SBI Rating—steam radiation*	sq ft	4250	4860	5470	6080	7290	8500	10330	12150	15180	18220	21250	24290	30360	36430	42500
—Btu per hour	1000's	1020	1166	1313	1459	1750	2040	2479	2916	3643	4373	5100	5830	7286	8743	10200
SBI Net Rating—steam*	sq ft	3500	4000	4500	5000	6000	7000	8500	10000	12500	15000	17500	20000	25000	30000	35000
—Btu per hour	1000's	840	960	1080	1200	1440	1680	2040	2400	3000	3600	4200	4800	6000	7200	8400
Boiler Diameter	ft-in	3-6	3-6	3-6	3-6	4-0	4-0	4-6	4-6	5-0	5-0	5-6	5-6	6-0	6-6	6-6
Boiler Length	ft-in.	7-3	8-0	8-11	9-10	9-9	11-1	11-1	12-9	13-2½	15-3	14-5½	16-0½	16-8½	17-5½	19-8½
Steam Supply Height	ft-in.	7-1	7-1	7-1	7-1	7-7	7-7	8-1	8-1	8-9	8-9	9-1	9-1	9-7½	10-1½	10-1½
Water Line Height	ft-in.	5-10	5-10	5-10	5-10	6-1½	6-1½	6-5½	6-5½	7-0	7-0	7-2	7-2	7-9	8-0	8-0

* Water radiation 60 per cent more than steam.

Kewanee-Ross Corp. Heating Systems • Boilers, Steel



Square "R"



Round "R"



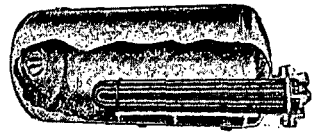
Cottage Boiler

KEWANEE TYPE "R" RESIDENCE BOILERS

Kewanee builds these smaller boilers with the same skill and engineering excellence as found in larger units. Ideally suited for medium and small size buildings and larger homes . . . and designed for oil, gas or stoker firing. Noted for dependability, economy, and ability to withstand many years of rugged service

SQUARE-HEAT TYPE "R" comes in twelve sizes from 900 to 5,000 sq ft steam or 1,440 to 8,000 sq ft of water radiation. Can be furnished with attractive jacket.

ROUND TYPE "R" available in 4 sizes from 400 to 900 sq ft steam or 640 to 1,440 sq ft water. With square or insulated round jacket. The COTTAGE boiler is designed for forced hot water heating in the small home. Oil and gas firing only. Rated to produce 77,000 Btu or 510 sq ft water radiation. Occupies small space . . . sturdy steel jacket in two-tone green.



KEWANEE STORAGE WATER HEATERS

For installations where there are sudden demands for plenty of hot water and where exhaust or live steam is available. Capacities 95 to 2,240 gph. Equipped with supporting cradles.

DIRECT FIRED WATER HEATERS

Ideal for any building requiring large quantities of hot water. 150 lbs hydrostatic test for 100 lbs water working pressure. Easy to clean. The Tabasco Heater comes in five sizes to heat 165 to 700 gal of water 50 deg per hour. Burns any fuel. The Cottage Heater delivers 140 gal raised 100 deg per hour. For oil or gas only. Insulated jacket optional.



1483

Boiler Number		SQUARE-HEAT TYPE "R"												ROUND "R"				COTTAGE
		3R1	3R2	3R3	3R4	3R5	3R6	3R7	3R8	3R9	3R10	3R11	3R12	1734	1735	1736	1737	VT510
SBI Net Rating—steam	sq ft	900	1100	1300	1500	1800	2200	2600	3000	3500	4000	4500	5000	400	550	700	900	
—water	sq ft	1440	1760	2080	2400	2880	3520	4160	4800	5600	6400	7200	8000	640	880	1120	1440	510
—Btu per hour	1000's	216	264	312	360	432	528	624	720	840	960	1080	1200	96	132	168	216	77
Heating Surface	sq ft	53	65	77	88	106	129	153	177	206	236	265	294	24	32	41	53	19
Boiler Shell Width overall	ft-in.	2-6	2-6	2-6	2-6	2-10	2-10	2-10	2-10	3-5	3-5	3-5	3-5	1-11½	2-3½	2-6½	2-6½	1-8
Boiler Shell Length overall	ft-in.	2-6½	3-0½	3-6½	4-0½	3-6½	4-2½	4-10	5-7	4-8	5-4	6-0	6-7					
Boiler Shell Height	ft-in.	5-6	5-6	5-6	5-6	6-1	6-1	6-1	6-1	6-10	6-10	6-10	6-10	4-6½	4-10	5-0½	5-0½	4-8½
Water Line Height	ft-in.	4-7½	4-7½	4-7½	4-7½	5-2½	5-2½	5-2½	5-2½	5-10½	5-10½	5-10½	5-10½	3-8	3-11	4-1	4-1	