

TRADE PRICES

Effective July 6, 1937

KEWANEE 15 Pounds Working Pressure Steel Heating Boilers Round and Square "R" Welded Boilers Indirect Hot Water Heating Coils

All prices herein quoted supersede all prior quotations and are subject to change without notice.

On occasion of any advance in the schedule of prices herein quoted, only orders actually mailed, to us or to Jobbers representing us, before such advance in price is made will be invoiced at the price effective prior to the advance.

Built to American Society of Mechanical Engineers Boiler Code

While this code is the latest ruling issued by the A.S.M.E. Code Committee to govern the construction of boilers, it is used by Kewanee only as a minimum limit. In all our boilers the construction is above the code requirements, based on our 69 years experience as to what is required to make a boiler that will give long and satisfactory service.

ALL KEWANEE BOILERS ARE UNIFORMLY RATED

Ratings are in conformity with the Steel Heating Boiler Institute's Code for Rating Low Pressure Heating Boilers.

GENERAL TERMS, GUARANTEE, ETC.

TERMS: 5 per cent discount for cash within 15 days from date of invoice or 30 days net cash. On all past-due accounts the legal rate of interest will be charged. Cash Discount based on Trade Prices before addition of surcharge.

CLAIMS: As all goods are shipped at buyer's risk, they should be examined carefully before he signs railroad receipt. If transportation company tenders delivery of goods in bad order, buyer should insist on railroad agents making notation of condition on freight bills, thus enabling buyer to secure prompt payment of railroad claims which may be filed by him for value of the damaged material.

The responsibility of this Corporation ceases upon delivery of goods in good order to transportation companies. All orders are accepted subject to strikes, accidents, or other causes beyond our control.

GUARANTEE:—Our goods are guaranteed only to the extent of furnishing by freight new parts for any found defective in manufacture. No claim will be allowed unless presented within 60 days after receipt of goods. Goods must not be returned except by special permission and when so returned will be subject to discount.

ALL BOILERS LISTED HEREIN CAN BE PURCHASED ON THE DEFERRED PAYMENT PLAN.

FREIGHT SURCHARGE

FREIGHT TERMS: The following freight terms will apply on shipments of Kewanee Low Pressure Steel Heating Boilers:

F. O. B. Kewanee with the addition of freight surcharges outlined below in cents per hundred pounds, and with an allowance of full freight to nearest railroad point of destination in zones listed.

SURCHARGE IN CENTS PER HUNDRED POUNDS

Zone	LESS CARLOAD		Weight Limit for L.C.L. Surcharge	CARLOAD	
	Surcharge	Weight		Surcharge	Weight
A	\$.60	Listed Weights	10000 lbs.	\$.25	Listed Weights But Not Less Than 24000 lbs
B	\$.95	<i>Caution—</i>	12630 lbs.	\$.50	
C	\$1.25	L.C.L. Surcharge	13400 lbs.	\$.70	
D	\$1.70	Is Not to Exceed	12700 lbs.	\$.90	
E	\$2.10	the Minimum	12570 lbs.	\$1.10	
F	\$2.45	C.L. Surcharge	12730 lbs.	\$1.30	
G	\$2.85		12630 lbs.	\$1.50	

STATE—	Zone	STATE—	Zone	STATE—	Zone	STATE—	Zone
ALABAMA	A	INDIANA	A	MONTANA	G	PENNSYLVANIA	A
ARIZONA	A	IOWA	B	NEBRASKA	D	RHODE ISLAND	A
ARKANSAS	C	KANSAS	D	NEVADA	G	SOUTH CAROLINA	A
CALIFORNIA	G	KENTUCKY	A	NEW HAMPSHIRE	A	SOUTH DAKOTA	D
COLORADO	F	LOUISIANA	B	NEW JERSEY	A	TENNESSEE	A
CONNECTICUT	A	MAINE	A	NEW MEXICO	F	TEXAS	E
DELAWARE	A	MARYLAND	A	NEW YORK	A	UTAH	G
DIST OF COLUMBIA	A	MASSACHUSETTS	A	NORTH CAROLINA	A	VERMONT	A
FLORIDA	B	MICHIGAN	A	NORTH DAKOTA	D	VIRGINIA	A
GEORGIA	A	MINNESOTA	B	OHIO	A	WASHINGTON	G
IDAHO	G	MISSISSIPPI	A	OKLAHOMA	D	WEST VIRGINIA	A
ILLINOIS	A	MISSOURI	B	OREGON	G	WISCONSIN	A
						WYOMING	F

KEWANEE BOILER CORPORATION

division of American Radiator and Standard Sanitary Corporation

KEWANEE, ILLINOIS

7-2 37-27M

TRADE PRICES

KEWANEE ROUND TYPE "R" STEEL HEATING BOILER

15 lbs. Steam W. P., 90 lbs. Water W. P., 135 lbs. Hydrostatic Test

This Round "R" Boiler for homes and smaller buildings is a real KEWANEE, strongly built of Steel for Long Life of heavy duty performance.

High Class KEWANEE workmanship is reflected thruout. The refractory insulated doors are smooth ground to a gas-tight finish on the heavy frames. The Two-Pass tubes give higher efficiencies, 80% and up. Additionally for oil, gas or stoker the Spinner Blades and self-actuated Draft Adjuster have a big plus value. There is no extra charge for these.

Accessibility for cleaning permits keeping the Efficiency high.

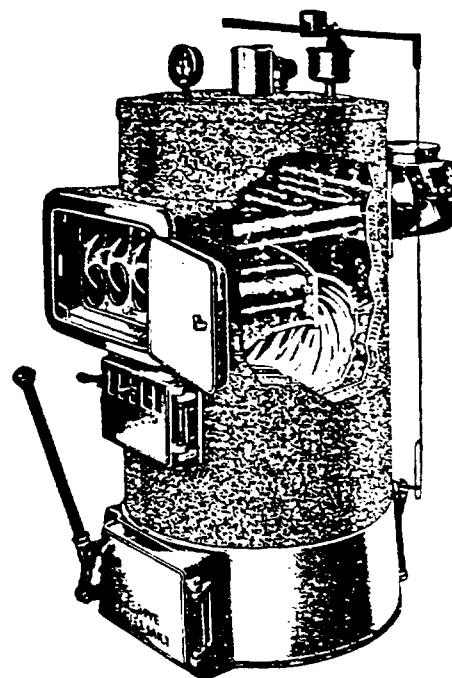
The neat and pleasing Jacket which houses these dependable Type "R" Boilers may well be a deciding factor which will influence the owner to select one of our heating units for his modern basement or for wherever smart exterior trim is considered an essential. KEWANEE offers 4 styles.

First there is our Round Jacket, a snug fitted sheathing of insulated steel. Takes up less room than any other Jacket. Exactly the thing for Hand Firing or where equipment for Mechanical Firing is to be completely accessible. With the Smartline Regal Jackets complete enclosure is offered for Any Gun Type Burner with our Boiler in its new insulating blanket. Square-Regal Jacket encloses foreshortened Gun Types or any Rotary Burners for which the Rex Square Smartline Jacket is available also affording a choice of front or rear firing with outside assemblies.

Only with KEWANEE is there this wide range of choice in Regal and Rex Smartline Square Jackets or in the Round Insulating Jacket.

Its low purchase price, low installation cost and upkeep, make the KEWANEE cheaper to buy and operate than any other on the market. First cost includes regular Hot Water Heating Coil for Domestic Tank Supply. Or a Big Coil may be ordered. And for Instantaneous Flow without Storage Tank, there is the KEWANEE Instantaneous Coil.

All Kewanee Copper Coils fit inside the boiler and are interchangeable.



ROUND TYPE "R" BOILER
JACKETED
FOR HAND-FIRED COAL.

FOR HAND-FIRED COAL

BITUMINOUS COAL 734-735-736 SERIES									ANTHRACITE COAL OR COKE 2734-2735-2736 SERIES									
Boiler No.	RATED CAPACITY		NET LOAD Sq Ft. Actual Radiators Plus Domestic Hot Water		TRADE PRICE to which Surcharge must be Added		Weight upon which Surcharge is based	DEDUCTIONS FOR OMITTING REGULAR PARTS										
	Steam	Water	Steam	Water	Steam	Water		Safety Valve	Steam or Altitude Gauge	Dampers Regulator	Water Gauge and Gauge Cocks	COMPLETE TRIMS		GRATES		BASE		
												Steam	Water	Price	Weight	Price	Weight	
—UNJACKETED																		
734	320	510	246	392	\$103.	\$100.	880	\$1.00	\$2.00	\$3.00	\$2.00	\$8.00	\$5.00	\$2.50	50	\$5.00	115	
735	410	660	320	512	121.	118.	1040	1.00	2.00	3.00	2.00	8.00	5.00	3.50	75	6.50	145	
736	550	880	423	677	143.	140.	1280	1.00	2.00	3.00	2.00	8.00	5.00	4.50	100	7.00	155	
—WITH ROUND JACKET																		
735-J	410	660	320	512	\$136.	\$133.	1230	\$1.00	\$2.00	\$3.00	\$2.00	\$8.00	\$5.00	\$3.50	75	\$6.50	145	
736-J	550	880	423	677	161.	158.	1495	1.00	2.00	3.00	2.00	8.00	5.00	4.50	100	7.00	155	

SEE FIRST PAGE FOR SURCHARGE WHICH MUST ALWAYS BE ADDED TO TRADE PRICE.

Tools furnished with Boilers for Coal consist of Poker, Soot Scraper, and Flue Brush. If omitted deduct \$1.00.

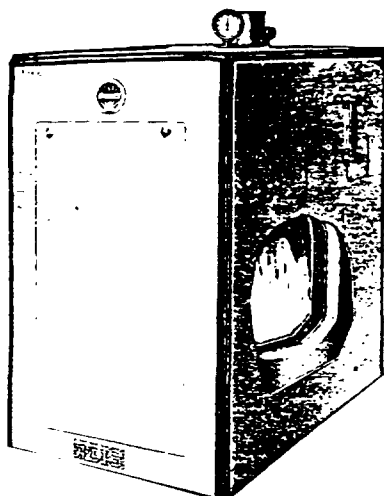
KEWANEE INDIRECT HOT WATER HEATING COILS

For STORAGE TANK Operation						For INSTANTANEOUS Flow					
Boiler Number	Coil Size	RATED CAPACITY		Surface Sq. Ft.	Add to Trade Price	Coil Size	RATED CAPACITY		Surface Sq. Ft.	Add to Trade Price	
		Gallons Heated 40° to 140° in 3 Hrs. In Boiler Water					Gallons Heated 40°-140° in 180° Boiler Water				
		212° F	180° F				In 1 Hr	In 1 Min			
734	F-34	65	40	2.0	Is Regular Equipment	EN-34	170	2.9	11.4	\$19.00	
	B-34	95	60	3.0	\$ 5.00						
735	F	75	45	2.4	Is Regular Equipment	EN-35	210	3.5	14.0	\$21.00	
736	B	110	65	3.5	\$ 6.00						
737	DB-35	170	100	5.6	\$10.00						
736 & 737	DB-36	200	120	6.6	\$12.00	EN-36	250	4.2	16.5	\$23.00	

TRADE PRICES

KEWANEE ROUND TYPE "R" STEEL HEATING BOILER

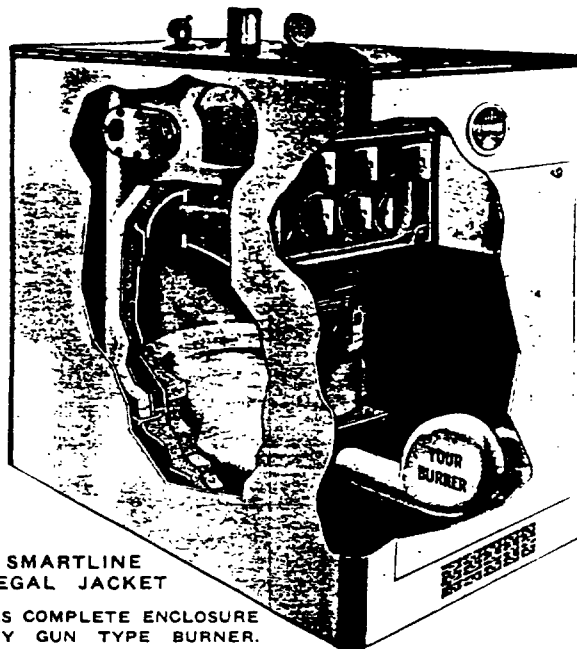
15 lbs. Steam W. P., 90 lbs. Water W. P., 135 lbs. Hydrostatic Test



**SMARTLINE
SQUARE-REGAL JACKET**

PROVIDES COMPLETE ENCLOSURE
WITH ANY ROTARY BURNER, AND
WITH ANY FORESHORTENED GUN
TYPE BURNER.

**SMARTLINE
REX SQUARE JACKET
FOR ANY BURNER.**



**SMARTLINE
REGAL JACKET**

PROVIDES COMPLETE ENCLOSURE
FOR ANY GUN TYPE BURNER.

FOR OIL, GAS OR STOKER

OIL OR GAS				1734-1735-1736-1737 SERIES				STOKER 0734-0735-0736				Unjacketed or Round Jacket -35.00			
Boiler No.	RATED CAPACITY		NET LOAD SQ FT		TRADE PRICE to which Surcharge must be Added		Weight upon which Surcharge is based	DEDUCTIONS FOR OMITTING REGULAR PARTS							
	Steam	Water	Actual Radiators Plus Domestic Hot Water	Steam	Water	Safety Valve		Steam or Altitude Gauge	Water Gauge and Gauge Cocks	COMPLETE TRIMS		BASE			
										Steam	Water	Price	Weight		
—UNJACKETED															
1734	400	640	400	640	\$ 93.	\$ 90.	800	\$1.00	\$2.00	\$2.00	\$5.00	\$2.00	\$3.50	50	
1735	540	860	540	860	110.	107.	920	1.00	2.00	2.00	5.00	2.00	6.50	145	
1736	680	1090	680	1090	132.	129.	1130	1.00	2.00	2.00	5.00	2.00	7.00	155	
1737	900	1440	900	1440	151.	148.	1400	1.00	2.00	2.00	5.00	2.00	7.00	155	
—WITH ROUND JACKET															
1735-J	540	860	540	860	\$125.	\$122.	1110	\$1.00	\$2.00	\$2.00	\$5.00	\$2.00	\$6.50	145	
1736-J	680	1090	680	1090	150.	147.	1345	1.00	2.00	2.00	5.00	2.00	7.00	155	
—WITH REX SQUARE JACKET															
1734-M	400	640	400	640	\$110.	\$107.	1000	\$1.00	\$2.00	\$2.00	\$5.00	\$2.00	\$3.50	50	
1735-M	540	860	540	860	130.	127.	1130	1.00	2.00	2.00	5.00	2.00	6.50	145	
1736-M	680	1090	680	1090	155.	152.	1370	1.00	2.00	2.00	5.00	2.00	7.00	155	
1737-M	900	1440	900	1440	183.	180.	1600	1.00	2.00	2.00	5.00	2.00	7.00	155	
—WITH SQUARE-REGAL JACKET															
1734-MQ	400	640	400	640	\$120.	\$117.	1100	\$1.00	\$2.00	\$2.00	\$5.00	\$2.00	\$3.50	50	
1735-MQ	540	860	540	860	140.	137.	1200	1.00	2.00	2.00	5.00	2.00	6.50	145	
1736-MQ	680	1090	680	1090	165.	162.	1450	1.00	2.00	2.00	5.00	2.00	7.00	155	
—WITH REGAL JACKET															
1734-MG	400	640	400	640	\$130.	\$127.	1200	\$1.00	\$2.00	\$2.00	\$5.00	\$2.00	\$3.50	50	
1735-MG	540	860	540	860	150.	147.	1300	1.00	2.00	2.00	5.00	2.00	6.50	145	
1736-MG	680	1090	680	1090	175.	172.	1500	1.00	2.00	2.00	5.00	2.00	7.00	155	
1737-MG	900	1440	900	1440	192.	189.	1700	1.00	2.00	2.00	5.00	2.00	7.00	155	

* Water W. P. on No. 1737 is 30 lbs. only; 60 lbs. Hydrostatic Test.

0734, 0735, 0736 prices same as 1734, 1735, 1736.

SEE FIRST PAGE FOR SURCHARGE WHICH MUST ALWAYS BE ADDED TO TRADE PRICE.

Flue Brush and Soot Scraper are only tools furnished with Boiler for Oil, Gas or Stoker. Equipment and Trimmings for all fuels, see p. 7

Boiler Insulating Blanket may be furnished separately at prices herewith.
Freight allowed to destination if shipped with unjacketed boiler
or F. O. B. Kewanee if shipped by itself.

For Boiler 1734—Trade Price \$ 7.00—Shipping Weight 16 lbs.
735 or 1735—Trade Price \$ 8.00—Shipping Weight 37 lbs.
736 or 1736—Trade Price \$ 9.00—Shipping Weight 45 lbs.
1737—Trade Price \$11.00—Shipping Weight 55 lbs.

TRADE PRICES

KEWANEE SQUARE TYPE "R" WELDED BOILER

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KEWANEE
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BITUMINOUS COAL										742- 748 SERIES									
ANTHRACITE COAL OR COKE										2742-2748 SERIES									
RATED CAPACITY		NET LOAD SQ. FT.		Boiler No.	TRADE PRICE to which Surcharge must be added		Weight upon which Surcharge is based	Boiler No.	TRADE PRICE to which Surcharge must be Added		Weight upon which Surcharge is based	DEDUCTIONS FOR OMITTING							
Steam	Water	Actual Radiators Plus Domestic Hot Water			Steam	Water			Steam	Water		COMPLETE TRIMS		GRATES		CAST IRON			
		Steam	Water						Steam	Water			Steam	Water	Price	Weight	Price		
—UNJACKETED										—JACKETED									
790	1260	605	968	742	\$255.	\$252.	2150	742-J	\$290.	\$287.	2355	\$10.00	\$7.00	\$7.00	165	\$15.00			
1000	1600	770	1232	743	272.	269.	2360	743-J	309.	306.	2585	10.00	7.00	8.00	200	16.00			
1350	2160	1035	1656	745	300.	296.	2800	745-J	340.	336.	2975	11.00	7.00	9.00	215	17.00			
1600	2560	1230	1968	746	321.	317.	3050	746-J	362.	358.	3240	11.00	7.00	10.00	250	19.00			
1780	2850	1370	2192	747	335.	331.	3300	747-J	378.	374.	3500	11.00	7.00	11.00	285	20.00			
1960	3140	1515	2424	748	473.	469.	3550	748-J	518.	514.	3775	11.00	7.00	12.00	320	22.00			

OIL OR GAS 1742-1748 SERIES STOKER 0742-0748 SERIES

RATED CAPACITY		NET LOAD SQ. FT.		Boiler No.	TRADE PRICE to which Surcharge must be Added		Weight upon which Surcharge is based	Boiler No.	TRADE PRICE to which Surcharge must be Added		Weight upon which Surcharge is based	DEDUCTIONS FOR OMITTING							
Steam	Water	Actual Radiators Plus Domestic Hot Water			Steam	Water			Steam	Water		COMPLETE TRIMS		CAST IRON PARTS					
		Steam	Water		Steam	Water			Steam	Water		Steam	Water	Price					
—UNJACKETED															—JACKETED				
840	1340	645	1032	1742	\$226.	\$223.	1900	1742-J	\$261.	\$258.	2105	\$5.00	\$2.00	\$15.00					
1120	1790	860	1376	1743	246.	243.	2060	1743-J	283.	280.	2285	5.00	2.00	16.00					
1470	2350	1130	1808	1745	270.	266.	2500	1745-J	310.	306.	2675	6.00	2.00	17.00					
1900	3040	1500	2400	1746	300.	296.	2730	1746-J	341.	337.	2920	6.00	2.00	19.00					
2160	3460	1670	2672	1747	318.	314.	2920	1747-J	361.	357.	3120	6.00	2.00	20.00					
2380	3810	1843	2949	1748	433.	429.	3125	1748-J	478.	474.	3345	6.00	2.00	22.00					

SEE FIRST PAGE FOR SURCHARGE WHICH MUST ALWAYS BE ADDED TO TRADE PRICE.

DEDUCTIONS: Safety Valve, Boilers 742-3.....\$1.00 745-8.....\$2.00 Damper Regulator.....\$5.00
Water Gauge and Gauge Cocks.....\$2.00 Steam or Altitude Gauge.....\$2.00

TRIMMINGS—for Coal:

Steam Trimmings consist of Safety Valve, Steam Gauge, Damper Regulator, Water Gauge, Glass and G Cocks.

Hot Water Boiler trimmings consist of Combination Altitude Gauge and Thermometer, also Damper Regulator.

—for Oil, Gas or Stoker:

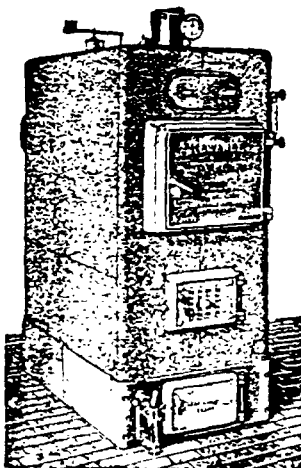
Steam Trimmings consist of Safety Valve, Steam Gauge, Water Gauge, Glass and Gauge Cocks

Combination Altitude Gauge and Thermometer only trimming furnished with Hot Water Boilers.

TOOLS

—for Coal: Tools furnished consist of Hoe, Poker, Soot Scraper and Flue Brush. If omitted deduct \$2.00
—for Oil, Gas or Stoker: A Flue Brush is only tool furnished.

Square "R" Jacketed Boilers have indestructible baked enamel steel jacket, lined with multi-ply improved asbestocel insula.
Knock-out discs are provided in Jackets opposite boiler openings. Additions for Extra Equipment listed on back page 8



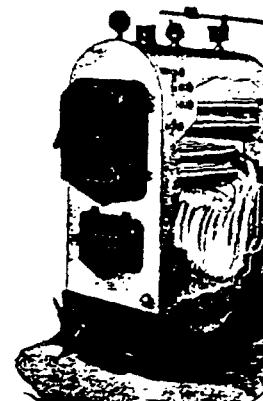
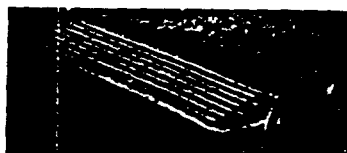
SQUARE TYPE "R" BOILERS FOR ALL FUELS

TWO-PASS TUBES AND CAST IRON BASE.
TWO-WAY SMOKEHOOD FOR BURNING COAL.

FOR OIL, GAS OR STOKER, SPINNER BLADES INCLUDED.
STEEL BASE MAY BE SUBSTITUTED FOR CAST IRON.
TWO-WAY DRAFT ADJUSTER, REVERSIBLE FOR TOP OR END OUTLET, HAS 1-5/16" DIAMETER STACK/STAP OPENING IN SMOKEHOOD AND IN FRONT FLUE CLEANOUT FRAME. TAPPED OPENING EITHER SIDE OF SHELL CAN BE USED FOR AQUASTAT.

KEWANEE INDIRECT HOT WATER HEATING COIL

may be furnished on all Square "R" Boilers at extra cost listed page 8. All have coil opening, and are tapped each side for Ex-celso water heater.



TRADE PRICES

KEWANEE | SQUARE "R" OIL OR GAS BOILER

83 "R" OIL OR GAS SERIES

RATED CAPACITY		NET LOAD SQ. FT. Actual Radiators Plus Domestic Hot Water		Boiler No.	TRADE PRICE to which Surcharge must be Added		Weight upon which Surcharge is based	Boiler No.	TRADE PRICE to which Surcharge must be Added		Weight upon which Surcharge is based	Boiler No.	TRADE PRICE to which Surcharge must be Added		Weight upon which Surcharge is based	DEDUCT FOR OMITTING COMPLETE TRIMS STEEL		
Steam	Water	Steam	Water		Steam	Water			Steam	Water			Steam	Water		Price		
—UNJACKETED																		
901	1441	901	1441	83R1	\$161.	\$158.	1135	83R1-J	\$198.	\$195.	1300	83R1-G	\$218.	\$215.	1300	\$5.00	\$2.00	\$7.00
1105	1768	1105	1768	83R2	182.	179.	1175	83R2-J	219.	216.	1350	83R2-G	241.	238.	1350	5.00	2.00	7.50
1326	2121	1326	2121	83R3	204.	201.	1320	83R3-J	250.	247.	1520	83R3-G	275.	272.	1520	5.00	2.00	8.00
1513	2420	1513	2420	83R4	231.	228.	1430	83R4-J	277.	274.	1650	83R4-G	305.	302.	1650	5.00	2.00	8.50
2091	3345	2091	3345	83R6	269.	265.	2030	83R6-J	315.	311.	2300					6.00	2.00	8.50
2363	3780	2363	3780	83R7	432.	428.	2430	83R7-J	478.	474.	2700					6.00	2.00	9.00
2652	4243	2652	4243	83R8	455.	451.	2610	83R8-J	501.	497.	2900					6.00	2.00	9.50
2924	4678	2924	4678	83R9	477.	473.	2990	83R9-J	523.	519.	3300					6.00	2.00	10.00

SEE FIRST PAGE FOR SURCHARGE WHICH MUST ALWAYS BE ADDED TO TRADE PRICE.

DEDUCTIONS: Safety Valve, Boilers 83R1-83R4.....\$1.00. Water Gauge and Gauge Cocks, Boilers 83R1-83R9 ... \$2.00.
 Safety Valve, Boilers 83R6-83R9.....\$2.00. Steam or Altitude Gauge, Boilers 83R1-83R9..... \$2.00.

TRIMMINGS—for Oil or Gas:

Steam Trimmings consist of Safety Valve, Steam Gauge, Water Gauge, Glass and Gauge Cocks
 Combination Altitude Gauge and Thermometer only trimming furnished with Hot Water Boilers

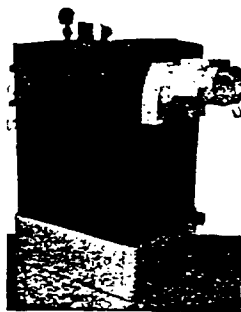
TOOLS

—for Oil or Gas:

A Flue Brush is only tool furnished.

83 "R" Jacketed Boilers have indestructible baked enamel steel jacket, lined with multi-ply improved asbestocel insulation.
 Knock-out discs are provided in Jackets opposite boiler openings. Additions for Extra Equipment listed on back page 8.

SQUARE "R" OIL OR GAS JACKETED STEEL BOILER 83 "R" SERIES



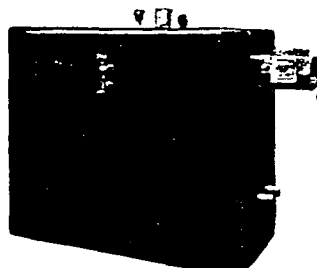
TWO-PASS TUBES AND STEEL BASE. SPINNER BLADES ARE INCLUDED.

TWO-WAY DRAFT ADJUSTER, REVERSIBLE FOR TOP OR END OUTLET, HAS 1-5/16" DIAMETER STACKSTAT OPENING IN SMOKEHOOD AND IN FRONT FLUE CLEANOUT FRAME. TAPPED OPENING EITHER SIDE OF SHELL CAN BE USED FOR AQUASTAT.

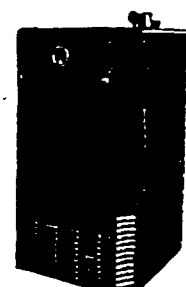
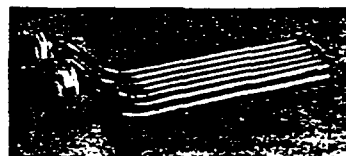
Tapered Sides on 83R1-83R4 also 742-743.
 Straight Sides on 83R6-83R9 also 745-748.

Square "R" with Regal Jacket
 for complete enclosure with any burner,
 four sizes only 83R1 to 83R4

Photos of Front and Rear view unretouched



KEWANEE INDIRECT HOT WATER HEATING COIL may be furnished on all Square "R" Boilers at extra cost, listed page 8. All have coil opening, and are tapped each side for Ex-celso water heater.



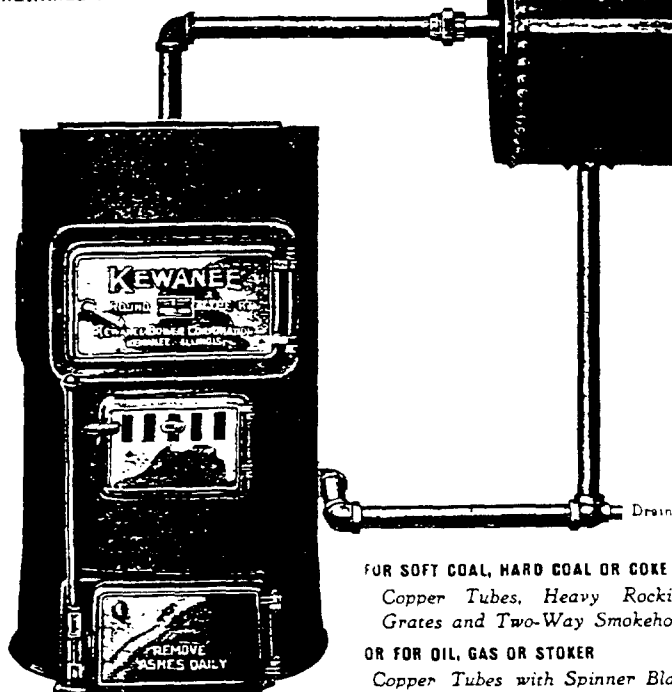
TRADE PRICES

KEWANEE ROUND TYPE "R" STEEL WATER HEATER

Hot Water Working Pressure
90 lbs. per sq. in.

Hydrostatic Test, 135 lbs. per sq. in.

KEWANEE ROUND "R" HEATER



KEWANEE STEEL TANKS FOR STORAGE WATER

STEEL RIVETED TANKS AND WELDED TANKS

Working Pressures: STANDARD 75 lbs. sq. in. EXTRA HEAVY 100 lbs. sq. in.

CAPACITIES: Welded Tanks 66 gals. to 1000 gals.
Riveted Tanks 66 gals. to 13,000 gals. and up.

For the best operation in practice the Storage Water Tank should have a capacity not less than the 3-hour capacity of the Heater.

Prices on black Hot Water Storage Tanks, Riveted or Welded, and on Galvanized Tanks furnished on application.

FOR SOFT COAL, HARD COAL OR COKE
Copper Tubes, Heavy Rocking
Grates and Two-Way Smokehood
OR FOR OIL, GAS OR STOKER
Copper Tubes with Spinner Blades
Self-Actuated Draft Adjuster

HIGH EFFICIENCY and HOT WATER
FOR DOMESTIC SERVICE AND
LARGER STORAGE TANK SUPPLIES

THE KEWANEE ROUND "R" DIRECT
WATER HEATER and STORAGE TANK

KEWANEE ROUND "R" STEEL WATER HEATER

FOR BURNING COAL —WITH ROUND JACKET							
Heater No.	CAPACITY Gals. per 3 hrs. 100 deg. raise	Trade Price to which Surcharge must be Added	Weight upon which Surcharge is based	DEDUCTIONS FOR OMITTING			
				Grates		Base	
				Price	Weight	Price	Weight
735-HJ	700	\$181.	1230	\$3.50	75	\$6.50	145
736-HJ	800	201.	1495	4.50	100	7.00	155
—UNJACKETED							
734-H	500	\$129.	880	\$2.50	50	\$5.00	115
735-H	700	166.	1040	3.50	75	6.50	145
736-H	800	183.	1280	4.50	100	7.00	155
2734-H, 2735, 36-H or HJ prices same as 734-H, 735, 36-H or HJ							
FOR OIL, GAS OR STOKER —WITH ROUND JACKET							
1735-HJ	750	\$173.	1110			\$6.50	145
1736-HJ	900	193.	1345			7.00	155
—UNJACKETED							
1734-H	550	\$121.	800			\$3.50	50
1735-H	750	158.	920			6.50	145
1736-H	900	175.	1130			7.00	155

0734-H, 0735, 36-H or HJ prices same as 1734-H, 1735, 36-H or HJ
See page 7 for specifications of Equipment on Water Heaters for any fuel.

This high quality all-steel equipment with copper fire tubes serves splendidly for volume heating and storage insuring continuous service of piping hot water. Capacities 500-900 gallons raised 100° in 3 hours.

734-H, 735-H, 736-H heaters are for Bituminous Coal.
2734-H, 2735-H, 2736-H heaters are for Anthracite Coal or Coke.

1734-H, 1735-H, 1736-H heaters are for Oil or Gas.

0734-H, 0735-H, 0736-H heaters are for Stoker.

Round "R" Direct Water Heaters have copper tubes. No coil is furnished.

SEE FIRST PAGE FOR SURCHARGE WHICH MUST ALWAYS BE ADDED TO TRADE PRICE.

— SPECIFICATIONS and MEASUREMENTS —

KEWANEE ROUND "R" DIRECT WATER HEATER KEWANEE ROUND "R" STEEL HEATING BOILER

With Hot Water Heating Coil

For Heating with—	Anthracite Coal Bituminous Coal			Oil, Gas, or Stoker			
Boiler or Heater Number.....	734 2734	735 2735	736 2736	1734 0734	1735 0735	1736 0736	1737 *
Boiler Rating—Steam.....sq. ft.	320	410	550	400	540	680	900
—Water.....sq. ft.	310	660	280	640	860	1090	1440
—Btu. per hour.....1000's	77	98	132	96	130	163	216
Heater Rating—Gals. 100° in 3 hrs.	500	700	800	550	750	903	
Heating Surface.....sq. ft.	24	32	40	24	32	40	50
Grate Area.....sq. ft.	2.2	2.9	3.7				
Furnace Volume.....cu. ft.				3.7	5.4	7.4	7.4
Boiler or Heater Shell Dia.....in.	23 3/4	27 1/2	30 1/2	23 3/4	27 1/2	30 1/2	30 1/2
Boiler or Heater Shell Height.....in.	42 1/2	43	47 1/4	42 1/2	43	47 1/4	47 1/4
Inside Diameter.....in.	20	23	26	20	23	26	26
Smoke Outlet Diameter.....in.	7	9	9	7	9	9	9
Chimney Size.....in.	8x8	8x12	8x12	8x8	8x12	8x12	10x10
Chimney Height.....ft.	30	30	35	30	30	35	40
Flow Outlet Size.....in.	4	4	4	4	4	4	4
Return Inlet Size.....in.	4	4	4	4	4	4	4
Safety Valve Size.....in.	3 1/2	1	1	3 1/2	1	1	1 1/2
Water Heater Pipe Conn.....in.	1	1	1	1	1	1	1
A—Height Over-All.....in.	54 3/4	55 1/4	59 1/2	54 3/4	55 1/4	59 1/2	61
B—Base Diameter.....in.	26 1/4	32 1/4	35	26 1/4	32 1/4	35	35
C—Water Line with H.W. Coil.....in.	44	45	47	44	45	47	49
D—Water Line without H.W. Coil.....in.	44	44	46	44	44	46	49
E—Smoke Outlet Hgt. End.....in.	39 1/2	42 1/2	44 1/2		42 1/2	44 1/2	44 1/2
F—Smoke Outlet Height, Top.....in.	44 3/4	49	51	43 3/4	48	50	50
G—Water Htr. Conn. from Floor.....in.	41 1/2	44 1/2	46 1/2	41 1/2	44 1/2	46 1/2	46 1/2
H—Smoke Outlet to Boiler Centers.....in.	20	24 1/4	25 3/4	20	24	25 1/2	25 1/2
I—Floor to Fur. Door Opening.....in.	19 1/2	20	20 3/4	19 1/2	20	20 3/4	20 3/4
J—Clear Opening in Base, Front.....in.	11x13	10x15 1/2	10x15 1/2	10 3/4x15	10x15 1/2	10x15 1/2	10x15 1/2
K—Clear Opening in Base, Rear.....in.	8x9 1/2	8x10 1/2	8x10 1/2		8x10 1/2	8x10 1/2	8x10 1/2
Outside Surface to Cover, Unj.....sq. ft.	24	33	40	24	33	40	47
Shipping Weight, Unjacketed.....lb.	880	1040	1280	800	920	1130	1400

* For Oil and Gas only; not furnished as Direct Water Heater.

The Kewanee Round Type "R" Steel Heater and Boiler conform to the Construction Code of A. S. M. E. for low pressure heating boilers. Rated capacity of the Boiler is in accordance with the Steel Heating Boiler Institute Code.

EQUIPMENT for Heater or Boiler—Burning Coal: Base assembled with ash door and rear pouch with primary draft damper; heavy rocking grates, each bar removable; shaker arm, handle. Fire and flue cleanout doors with frames. 2-Way smokehood assembled with check and choke dampers; cleanout cover plates; 1 1/2-in. washout plugs. And for Boiler, hot water coil.
—For Oil, Gas or Stoker: Base assembled; flue doors with frame; integral furnace door-frame is removable, has inspection shutter with pyrex window. Self-controlling draft adjuster, spinner blades, and cleanout cover plates; 1 1/2-in. washout plugs.
 And for Boiler, hot water coil.

TRIMMINGS for Steam Boiler—Burning Coal: Steam gauge; water gauge glass, chromium trimmings, two compression gauge cocks; safety valve, Arco damper regulator, weight, rod and lever.

... for Water Boiler—Burning Coal: Combination altitude gauge and Thermometer; Arco damper regulator, weight, rod and lever

... for Steam Boiler—Oil, Gas or Stoker: Steam gauge; water gauge glass, chromium trimmings, two compression gauge cocks; safety valve. The extra 1 1/2-in. tapping in top of Boiler may be used for oil burner control.

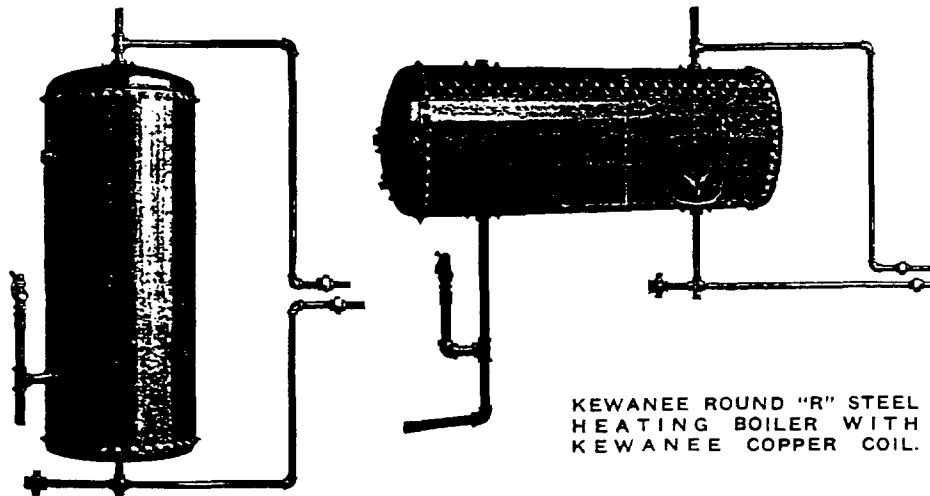
... for Water Boiler—Oil, Gas or Stoker: Combination altitude gauge and Thermometer.

The only Trimming furnished for Water Heaters is Damper Regulator Rod.

TOOLS for Heater or Boiler—Burning Coal: Poker, Soot Scraper, Flue Brush.

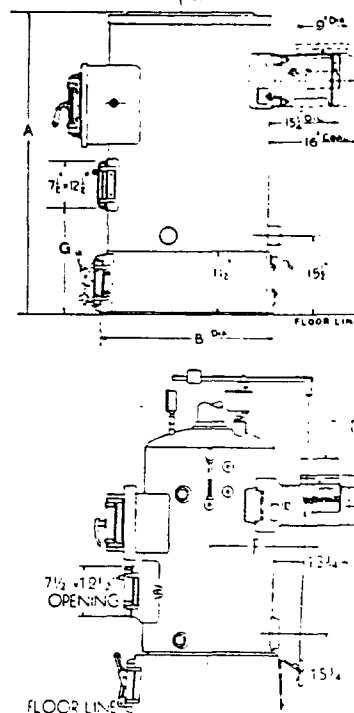
—For Oil, Gas Stoker: Flue Brush, Soot Scraper

TYPICAL PIPING CONNECTING VERTICAL OR HORIZONTAL TANK TO HOT WATER COIL ON ROUND "R" BOILER

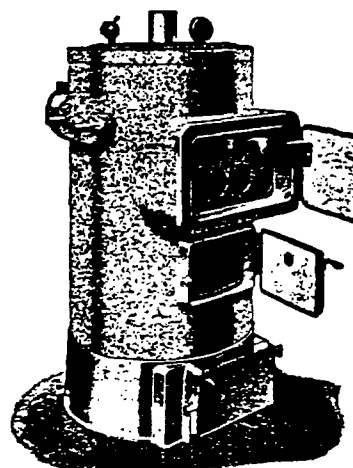


KEWANEE ROUND "R" STEEL
HEATING BOILER WITH
KEWANEE COPPER COIL.

FOR HOT WATER HEATING COIL SPECIFICATIONS
AND PRICES FOR ROUND "R" SEE PAGE 2.



SIDE VIEW



KEWANEE Indirect Hot Water Heating Coils in Square "R" Boilers

Type "R" Boiler ratings do not include allowance for heating domestic water by Indirect Coils. With STORAGE TANK operation, allow 1/2 sq. ft. steam radiation for each gallon capacity of Coil. For INSTANTANEOUS flow, allow 4 sq. ft. per gal. if hot water demand is added to the heating load for more than 10 minutes in any hour.

TABLE OF COIL PRICES AND MAXIMUM SIZE WHICH CAN BE INSTALLED.

Boiler No	For STORAGE TANK Operation						For INSTANTANEOUS Flow					
	Coil No and Size	RATED CAPACITY Gallons Heated 40° to 140° in 3 Hrs. In Boiler Water		Surface Sq. Ft.	Number of Baths or Apart- ments	Trade Price	Coil No.	RATED CAPACITY Gallons Heated 40°-140° in 180° Boiler Water		Surface Sq. Ft.	Number of Baths or Apart- ments	Trade Price
		212°F	180°F					In 1 Hr.	In 1 Min			
	S6-24	90	55	3.0	1-3	\$26.70	DN1	185	3.1	12.3	1	\$60.30
	S8-24	120	70	3.9	4	30.60						
	D6-24	180	110	6.0	6	38.40						
	D8-24	240	145	7.7	8	46.20						
	S6-30	120	70	3.8	4	30.60	DN2	240	4.0	15.9	6	70.20
	S8-30	160	95	5.0	5-6	35.80						
	D6-30	240	145	7.6	8	46.20						
	D8-30	320	190	9.9	8-11	55.80						
742	S6-36	150	90	4.6	5	34.50	DN3	295	4.9	19.5	12	80.10
	S8-36	200	120	6.0	6-7	41.00						
	D6-36	300	180	9.1	10	54.00						
	D8-36	400	240	11.9	11-14	63.00						
743 745	S6-42	180	110	5.4	6	38.40	DN4	350	5.8	23.1	18	90.00
	S8-42	240	145	7.0	8	46.20						
	D6-42	360	215	10.7	12	59.40						
	D8-42	480	290	14.0	16	70.20						
746	S6-48	210	125	6.2	7	42.30	DN7	400	6.7	26.7	23	99.00
	S8-48	280	170	8.1	9-10	51.40						
	D6-48	420	250	12.3	14	64.80						
	D8-48	560	335	16.1	16-19	77.40						
747	S6-54	240	145	6.9	8	46.20	DN8	450	7.5	30.3	28	108.00
	S8-54	320	190	9.1	10-11	55.80						
	D6-54	480	290	13.9	16	70.20						
	D8-54	640	385	18.2	19-21	84.60						
748	S6-60	270	160	7.7	9	50.10	DN9	510	8.5	33.9	34	118.80
	S8-60	360	215	10.2	12	59.40						
	D6-60	540	325	15.4	18	75.60						
	D8-60	720	430	20.3	24	91.80						
83R1	SL6-24	90	55	3.0	1-3	\$26.70	TN-1 QN-1	185 240	3.1 4.0	12.4 15.9	1 6	\$ 60.30 70.20
	SL8-24	120	70	3.9	4	30.60						
	DL6-24	180	110	6.0	6	38.40						
	DL8-24	240	145	7.7	8	46.20						
83R2	SL6-30	120	70	3.8	4	30.60	TN-2 QN-2	240 310	4.0 5.2	15.8 20.5	6 12	70.20 82.80
	SL8-30	160	95	5.0	5-6	35.80						
	DL6-30	240	145	7.6	8	46.20						
	DL8-30	320	190	9.9	8-11	55.80						
83R3	SL6-36	150	90	4.6	5	34.50	TN-3 QN-3	290 375	4.8 6.3	19.2 25.0	12 20	79.20 94.50
	SL8-36	200	120	6.0	6-7	41.00						
	DL6-36	300	180	9.1	10	54.00						
	DL8-36	400	240	11.9	11-14	63.00						
83R4 83R6	SL6-42	180	110	5.4	6	38.40	TN-4 QN-4	350 445	5.8 7.4	22.7 29.6	18 28	90.00 107.10
	SL8-42	240	145	7.0	8	46.20						
	DL6-42	360	215	10.7	12	59.40						
	DL8-42	480	290	14.0	16	70.20						
83R7	SL6-48	210	125	6.2	7	42.30	TN-7 QN-7	390 510	6.5 8.5	26.1 34.2	23 34	97.20 118.80
	SL8-48	280	170	8.1	9-10	51.40						
	DL6-48	420	250	12.3	14	64.80						
	DL8-48	560	335	16.1	16-19	77.40						
83R8	SL6-54	240	145	6.9	8	46.20	TN-8 QN-8	445 580	7.4 9.7	29.6 38.8	28 40	107.10 131.40
	SL8-54	320	190	9.1	10-11	55.80						
	DL6-54	480	290	13.9	16	70.20						
	DL8-54	640	385	18.2	19-21	84.60						
83R9	SL6-60	270	160	7.7	9	50.10	TN-9 QN-9	495 650	8.3 10.8	33.0 43.4	34 48	116.10 144.00
	SL8-60	360	215	10.2	12	59.40						
	DL6-60	540	325	15.4	18	75.60						
	DL8-60	720	430	20.3	24	91.80						

0-300 gal. 15+13 gal. Over 300 gal. 27+.09 gal.

27+.18 gal.

Any Coils shorter than the maximum lengths listed above may be substituted in each boiler where less hot water capacity is required. Coils are interchangeable in boilers of same Series only.

Additions for Extras—

Only When Furnished With Type "R" Boilers

In using these prices do not make any deductions for omitting parts usually furnished as regular equipment.

Boilers Number:	734-735-736 737, 742 83R1 - 83R2 83R3	743 - 745 - 746 747 - 748 83R4-83R6 83R7-83R8-83R9
Vapor Damper Regulator	\$20.00	\$20.00
Sleeves, per Inch	1.25	1.25
Tapped Openings, per Inch	1.25	1.25
Observation Doors	6.00	6.00
Garbage Incinerator, Front		40.00

TRADE PRICES

Effective July 6, 1937

KEWANEE INDIRECT HOT WATER HEATING COILS

For INSTANTANEOUS FLOW

FOR SQUARE TYPE "R" BOILERS ONLY					
Coil No.	RATED CAPACITY Gallons Heated 40°-140° in 180° Boiler Water		Surface Sq. Ft.	Number of Baths or Apart- ments	Trade Price
	In 1 Hr.	In 1 Min.			
DN1	185	3.1	12.3	1	\$ 60.30
DN2	240	4.0	15.9	6	70.20
DN3	295	4.9	19.5	12	80.10
DN4	350	5.8	23.1	18	90.00
DN7	400	6.7	26.7	23	99.00
DN8	450	7.5	30.3	28	108.00
DN9	510	8.5	33.9	34	118.80

27+.18 gal.

FOR 83R BOILERS ONLY					
Coil No.	RATED CAPACITY Gallons Heated 40°-140° in 180° Boiler Water		Surface Sq. Ft.	Number of Baths or Apart- ments	Trade Price
	In 1 Hr.	In 1 Min.			
TN1 QN1	185 240	3.1 4.0	12.4 15.9	1 6	\$ 60.30 70.20
TN2 QN2	240 310	4.0 5.2	15.8 20.5	6 12	70.20 82.80
TN3 QN3	290 375	4.8 6.3	19.2 25.0	12 20	79.20 94.50
TN4 QN4	350 445	5.8 7.4	22.7 29.6	18 28	90.00 107.10
TN7 QN7	390 510	6.5 8.5	26.1 34.2	23 34	97.20 118.80
TN8 QN8	445 580	7.4 9.7	29.6 38.8	28 40	107.10 131.40
TN9 QN9	495 650	8.3 10.8	33.0 43.4	34 48	116.10 144.00

27+.18 gal.

For INSTANTANEOUS Flow, capacity as listed above is the number of gallons raised 100° from 40° to 140° in 1 hour with Boiler water at 180°. Boiler ratings do not include allowance for heating domestic water by Indirect Coils. When the INSTANTANEOUS Tankless hot water demand is added to the heating load for more than ten minutes in any hour, an allowance of 4 sq. ft. of steam radiation or 6.4 sq. ft. of water radiation must be added for each gallon of water heated. Coils for Gravity Circulation with Storage Tank listed on front side of sheet.

MAXIMUM LENGTH AND NUMBER OF COILS FOR KEWANEE BOILERS TYPE "C" BOILERS

For STORAGE TANK Operation			INSTANTANEOUS Flow
Boiler Number	Maximum Coil Length Inches	Maximum No. of Coils Per Boiler	Maximum Size and No. Per Boiler
773	42	1	1—DN4
774	48	1	1—DN7
775	54	1	1—DN9
776	66	1	1—DN9
777	66	2	
778	72	2	
779	78	2	
780	78	2	
781	96	2	
782	84	2	Balance
783	102	2	
784	102	2	On
785	114	2	
786	108	3	Application
787	120	3	
788	120	3	
789	120	3	
790	120	3	

SQUARE TYPE "R" BOILERS

For STORAGE TANK Operation			INSTANTANEOUS Flow
Boiler Number	Maximum Coil Length Inches	Maximum No. of Coils Per Boiler	Maximum Size and No. Per Boiler
742	36	1	1—DN3
743	42	1	1—DN4
745	42	1	1—DN4
746	48	1	1—DN7
747	54	1	1—DN8
748	60	1	1—DN9

83R OIL OR GAS BOILERS

83R1	24	1	1—TN1, or QN1
83R2	30	1	1—TN2, QN2
83R3	36	1	1—TN3, QN3
83R4	42	1	1—TN4, QN4
83R6	42	1	1—TN4, QN4
83R7	48	1	1—TN7, QN7
83R8	54	1	1—TN8, QN8
83R9	60	1	1—TN9, QN9

Refer to separate Type "R" price sheet for complete data on Coils for Square and Round Type "R" Boilers.

Refer to Catalog 88j for Data and Measurements on Square "R" Boilers with Coil assemblies and to Catalog RM-92a and C-92b for Coils in Round Type "R" Boilers.

Prices and Information on application for Coils which can be installed in other boiler series not covered by this sheet.

When domestic hot water supply is furnished by Instantaneous type submerged heater, it is usually advisable to use a mixing valve or other reliable equipment to control the maximum temperature of water at all outlets.

Refer to current General Boiler Price Sheets for: Terms, Claims, Guarantee, etc.

All prices herein quoted supersede all prior quotations and are subject to change without notice.

KEWANEE BOILER CORPORATION KEWANEE, ILLINOIS

division of American Radiator & Standard Sanitary Corporation