

KEWANEE

Type "R" Square and Round



Cross section shows Kewanee Round "R". The Square "R" is similar in principle but larger for greater capacity.

All Type "R" Boilers are skillfully fashioned of heavy steel plate in the Kewanee plant with the same craftsmanship and care which, since 1868, have characterized the bigger Kewanee's.

CONSTRUCTION FEATURES

Shell—steel plate extra heavy—takes up temperature stresses—adds years of life—welded in one piece ready to set on base.

Steam Space—large for plentiful reserve supply, and high for dry steam always.

Free Waterways—rapid circulation sweeps steam bubbles up without commotion to the unbroken release area at water line, keeping it steady.

Large High Firebox—all primary heating surface closely faces the radiant fire with a consequent high rate of heat transfer resulting in characteristically quick pick-up and rapid steaming. Code ratios maintained in the furnace volume and height give assurance that the fuel will be completely burned.

Two Pass Tubes—save fuel, a plus value in secondary heating surface; easy to clean—carry all the flue gases without choking up—walls extra thick for lasting qualities.

Spinner Blades—on oil-gas boilers rotate the hot gases to scrub the tube walls so every available heat unit is transferred to boiler water.

Man-size Doors—large enough for inspection or firing but insulated to prevent loss from radiated heat. Door and frame castings are rugged for hard usage.

Heavy Steel Base—extra substantial.

Controls—tapping provided for all essential safety devices and automatic firing controls—washout plugs conveniently located so the water-wetted surfaces can be kept free from scale and sludge.

Domestic Hot Water—The copper coil is brazed in bronze fittings, mounted on steel plate with locknuts and rubber gaskets.

HOT WATER COILS — —

YEAR 'ROUND DOMESTIC HOT WATER

KEWANEE INDIRECT HOT WATER HEATING COILS fitted at extra cost.
For Storage Tank Operation For Instantaneous Flow

Boiler Number Round "R"	Coil No. and Min. Size	Rated Capacity Gals. Heated 40°-140° F. in Boiler Water		Surface Sq. Ft.	Coil No. and Min. Size	Rated Capacity Gals. Heated 40°-140° F. in Boiler Water		Surface Sq. Ft.
		212° F.	180° F.			1 Hr.	1 Min.	
1733, 0733	T55	35	35	1.4	EN135	135	2.3	9.0
734, 35, 36, 1737	A65	65	65	2.0	EN34	170	2.9	11.4
734, 35, 36, 1737	C150	150	90	5.0	EN35	210	3.5	14.0
735, 36, 1737					EN36	250	4.2	16.5
736, 1737	D200	200	120	6.6				
Square-Heat								
	SRB-24	40	55	3.0				
	SRB-24	120	70	3.9				
	DRB-24	180	110	6.0	TON-1	220	3.7	14.7
	DRB-24	240	145	7.7	QON-1	250	4.7	18.7
3R1	DRB-30	320	190	9.9	QON-2	350	5.8	23.4
3R2	DRB-36	400	240	11.9	QON-3	420	7.0	28.0
3R3, 5	DRB-42	480	290	14.0	QON-4	470	8.2	32.6
3R4, 6	DRB-48	560	335	16.1	QON-7	600	10.0	40.0
3R7	DRB-54	640	385	18.2				
3R8	DRB-60	720	430	20.3	QON-8	700	11.7	46.7

Coils listed above are maximum length for each boiler. Smaller sizes may be substituted for less hot water capacity. Inlet and Outlet sizes are iron pipe tap, 1" on TON and 1 1/4" on QON tankless, also 1 1/4" on DRB and DRS storage tank coils and 1" on SRB and SRB.

Separate R Boilers have tapping each side for external Water Heater, also on right side for Low Water Cut-off with Plug. For Coil illustrations see page 23. Round "R" Coils for 734, 5, 6; 1734, 5, 6; 0734, 5, 6 same as 734, 5, 6.

ROUND "R"

COILS FOR USE WITH STORAGE TANK



TANKLESS COILS FOR INSTANTANEOUS FLOW



Every Kewanee Type "R" provides for easy installation of Coils for Domestic Hot Water (either tankless or storage tank types) which may be fitted at any time by removing the coil opening cover plate and bolting coil in place.