

Keystone Series

COLUMBIA

3 PASS SCOTCH MARINE BOILER

STEAM : 15 OR 150 PSI

WATER : 30 OR 125 PSI



BENEFITS

- Forced-Draft Firing with Oil (No. 2,4,5, or 6), Gas, or Combination Gas/Oil
- Low or High Pressure Steam or Water
- High Efficiency Three-Pass Design
- Fully Water-Backed Primary Heating Surfaces for Increased Efficiency
- Separate Rear-Tube Sheets for Longer Service Life
- Easy Front and Rear Access for Ease of Maintenance
- ASME Code Construction

HIGHLIGHTS

- Low or High Pressure Steam or Water
- High Efficiency Three-Pass Design
- Fully Water-Backed Primary Heating Surfaces
- Separate Rear-Tube Sheets for Longer Service Life
- Wetback Design Allows Easy Front and Rear Access
- Made in the USA
- No Expensive Refractory or Door Replacement as with Some Drybacks

Ratings and Data



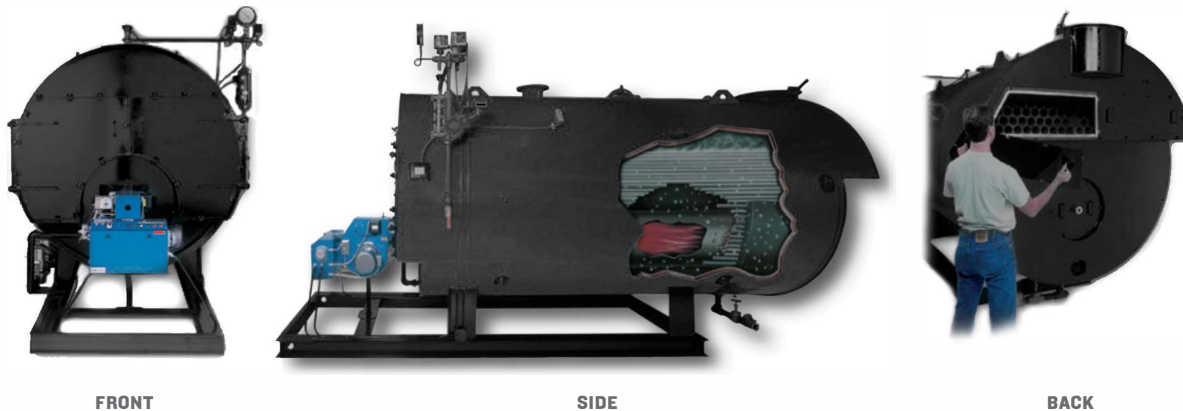
Boiler Model	Shell Dia.	Gross Output			Net Rating			Heating Surface		Firing Rate		Furnace Volume	Water Content		Approx. Wt. Dry Lbs.	
		BHP	MBH	Lbs./Hr.	Steam MBH	Steam Sq. Ft.	Water MBH	Sq. Ft. F.S.	Sq. Ft. W.S.	Gas MBH	Oil GPH	Cu. Ft.	Lbs. Steam	Lbs. Water	15-30 PSI	150 PSI
40	48	40	1,339	1,380	1,011	4,211	1,164	200	220	1,674	12/11	14.8	1,760	2,185	3,700	4,200
50	48	50	1,674	1,725	1,290	5,376	1,456	250	280	2,093	15/14	17.1	2,303	2,701	4,200	4,700
60	48	60	2,009	2,070	1,560	6,499	1,747	300	335	2,500	18/17	19.3	2,765	3,235	4,700	5,200
70	54	70	2,343	2,415	1,819	7,580	2,037	350	390	2,930	21/20	27.8	3,285	4,160	5,500	6,200
80	54	80	2,678	2,760	2,079	8,663	2,329	400	445	3,348	24/23	30.2	3,672	4,641	5,900	6,700
90	54	90	3,013	3,105	2,339	9,749	2,620	450	500	3,766	27/25	33	4,060	5,143	6,400	7,200
100	54	100	3,348	3,450	2,599	10,830	2,911	500	555	4,185	30/28	35.8	4,523	5,711	6,900	7,700
125	66	125	4,184	4,313	3,248	13,535	3,638	625	695	5,230	38/25	41.9	5,585	6,673	8,700	9,500
150	66	150	5,021	5,175	3,898	16,243	4,366	750	835	6,276	45/42	47.7	6,660	7,947	9,700	10,600
175	66	175	5,858	6,040	4,548	18,950	5,094	875	970	7,333	52/49	53.1	7,758	9,245	10,900	11,600
200	66	200	6,695	6,900	5,198	21,658	5,822	1,000	1,110	8,369	60/56	58.8	8,829	10,519	12,300	13,300

BOILER COST IS NOT JUST A FIRST-YEAR PROPOSITION

Long after the installation is paid for, fuel, maintenance, and repair costs continue and can increase over the years. Keystones Commercial Packaged Boilers are designed to minimize these significant, ongoing ownership costs.

The Keystone's High Life-Cycle Efficiency!

While most competitive boilers can give fuel-to-steam efficiencies of 80% or over when they are new — how consistently can they be expected to maintain this level? The Keystone wetback boiler performance will not drop due to deteriorating rear refractory, leaking door baffles and seals, and heat-stressed rear tube sheets as can happen with some drybacks. The fact is that easy access is a necessity for those with heavy refractory, as they need frequent expert maintenance.



FRONT

SIDE

BACK