



The payback is in Cast Iron. Consult with dedicated commercial specialist in each Weil-McLain area office.... www.weil-mclain.com



- Weil-McLain captured seal design
- For Light Oil, Gas and Dual Fuel Combustion
- Packaged, Assembled Block or Knock-down
- Available for Water and Steam Heating Systems
- Low NOx options
- Available as Forced or Chimney draft venting
- Optional 5 Year Parts and Labor Warranty
- Wide selection of burners
- Tankless Heater options
- ASME iron

94 Output 2,028-6,970 MBH (60-208 HP)



- 3 pass heat exchange design for maximum heat transfer
- Approved for heavy oil

Oil | Gas
 Combustion 84% | 81%
 Thermal 83% | 81%

Ratings

Boiler Unit No. Steam or Water	I=B=R Burner Capacity			I=B=R Burner Capacity			Net Sq. Ft. Water	Boiler H.P.	Net Firebox Volume Cu. Ft.	Stack Gas Volume CFM Light Oil & Gas	Draft Loss Through Boiler-in. H2O	I=B=R Chimney Size Vent Dia. Inches	
	Light Oil GPH	Heavy Oil GPH	Gas MBH	Gross I=B=R Output MBH	Steam Sq. Ft.	Steam MBH							Water MBH
894	17.50	16.65	2526	2,028	6,560	1,574	1,763	11,755	60.6	45.40	1088	.175	14
994	20.00	19.00	2887	2,320	7,505	1,801	2,017	13,450	69.3	51.48	1242	.215	14
1094	22.50	21.35	3247	2,612	8,450	2,028	2,271	15,140	78.0	57.58	1397	.255	16
1194	25.00	23.75	3608	2,904	9,395	2,254	2,525	16,835	86.7	63.64	1555	.295	16
1294	27.50	26.10	3969	3,190	10,320	2,476	2,773	18,490	95.3	69.72	1710	.335	16
1394	30.00	28.45	4330	3,480	11,260	2,701	3,026	20,175	104.0	75.80	1866	.375	18
1494	32.50	30.80	4691	3,770	12,195	2,927	3,278	21,855	112.6	81.88	2020	.415	18
1594	35.00	33.15	5052	4,070	13,165	3,159	3,539	23,595	121.6	87.96	2175	.455	18
1694	37.50	35.55	5412	4,360	14,105	3,385	3,791	25,275	130.2	94.04	2325	.485	18
1794	40.00	37.90	5773	4,650	15,045	3,610	4,043	26,955	138.9	100.12	2480	.525	20
1894	42.50	40.25	6134	4,940	15,980	3,835	4,295	28,640	147.6	106.20	2640	.565	20
1994	45.00	42.60	6495	5,230	16,920	4,060	4,542	30,285	156.2	112.28	2795	.605	20
2094	47.50	45.00	6856	5,520	17,855	4,285	4,800	32,000	164.9	118.36	2945	.650	20
2194	50.00	47.40	7216	5,810	18,795	4,510	5,052	33,675	173.6	124.44	3120	.750	20
2294	52.50	49.80	7577	6,100	19,735	4,736	5,304	35,360	182.2	130.52	3255	.850	22
2394	55.00	52.20	7938	6,390	20,670	4,961	5,556	37,045	190.9	136.60	3410	.950	22
2494	57.50	54.60	8299	6,680	21,610	5,186	5,808	38,725	199.6	142.68	3565	1.050	22
2594	60.00	57.00	8660	6,970	22,550	5,411	6,060	40,406	208.2	148.76	3730	1.150	22

- Burner input based on maximum of 2,000 ft. altitude for higher altitudes consult Weil-McLain applications Engineering Department.
- No. 2 oil-Commercial standard spec. CS-75-56. Heat value 140,000 BTU/G.
- Consult Weil-McLain Applications Engineering Department for gas pressure required.
- Gross I=B=R ratings have been determined under the I=B=R provision governing forced draft boiler-burner units.
- Net I=B=R ratings are based on net installed radiation of sufficient quality for the requirements of the building and nothing need be added for normal piping and pick-up. Water ratings are based on a piping and pick-up allowance of 135. Steam ratings on an allowance of 1.250.
- An additional allowance should be made for gravity hot water systems or for unusual piping and pick-up loads. Consult Weil-McLain Applications Engineering Department.
- Based on average water temperature of 170F in heat distributing units.
- Stack gas volume at outlet temperature.
- Add 100 to obtain firebox pressure.

Dimensions

Boiler No.	Water		Steam		A	B	C	D	E	F	J	L	W		
	Supply Outlet No. & Size	Return Inlet Size	Supply Outlet Size	Return Inlet Size										Steam Only	Water
894	1-6"	6"	1-8"	6"	-	7 ^{11/16}	7 ^{11/16}	45	-	76	29 ^{1/2}	25	-	52 ^{1/2}	51
994	1-6"	6"	2-8"	6"	77 ^{A/B}	7 ^{11/16}	7 ^{11/16}	51	-	76	29 ^{1/2}	25	16 ^{3/8}	58 ^{1/2}	57
1094	1-6"	6"	2-8"	6"	83 ^{A/B}	7 ^{11/16}	7 ^{11/16}	57	-	76	29 ^{1/2}	25	16 ^{3/8}	64 ^{1/2}	63
1194	1-6"	6"	2-8"	6"	89 ^{A/B}	7 ^{11/16}	7 ^{11/16}	63	-	76	24 ^{15/16}	25	16 ^{3/8}	70 ^{1/2}	69
1294	1-6"	6"	2-8"	6"	95 ^{A/B}	7 ^{11/16}	7 ^{11/16}	69	-	76	24 ^{15/16}	25	16 ^{3/8}	76 ^{1/2}	75
1394	1-8"	8"	2-8"	6"	101 ^{A/B}	8 ^{3/8}	7 ^{11/16}	75	-	76	24 ^{15/16}	25	16 ^{3/8}	82 ^{1/2}	81
1494	1-8"	8"	2-8"	6"	107 ^{A/B}	8 ^{3/8}	7 ^{11/16}	81	-	76	24 ^{15/16}	30 ^{1/4}	16 ^{3/8}	88 ^{1/2}	87
1594	1-8"	8"	2-8"	6"	113 ^{A/B}	8 ^{3/8}	7 ^{11/16}	87	-	76	24 ^{15/16}	30 ^{1/4}	16 ^{3/8}	94 ^{1/2}	93
1694	1-8"	8"	2-8"	6"	119 ^{A/B}	8 ^{3/8}	7 ^{11/16}	93	-	76	24 ^{15/16}	30 ^{1/4}	16 ^{3/8}	100 ^{1/2}	99
1794	1-8"	8"	2-8"	6"	125 ^{A/B}	8 ^{3/8}	7 ^{11/16}	99	-	76	24 ^{15/16}	30 ^{1/4}	16 ^{3/8}	106 ^{1/2}	105
1894	1-8"	8"	2-8"	6"	131 ^{A/B}	8 ^{3/8}	7 ^{11/16}	105	-	76	24 ^{15/16}	30 ^{1/4}	16 ^{3/8}	112 ^{1/2}	111
1994	1-8"	8"	2-8"	6"	137 ^{A/B}	8 ^{3/8}	7 ^{11/16}	111	-	76	30 ^{1/4}	30 ^{1/4}	16 ^{3/8}	118 ^{1/2}	117
2094	1-8"	8"	2-8"	6"	143 ^{A/B}	8 ^{3/8}	7 ^{11/16}	117	-	76	30 ^{1/4}	30 ^{1/4}	16 ^{3/8}	124 ^{1/2}	123
2194	1-10"	10"	2-10"	6"	72	8 ^{3/8}	7 ^{11/16}	123	17 ^{1/4}	29 ^{1/4}	82 ^{1/2}	30 ^{1/4}	30 ^{1/4}	130 ^{1/2}	129
2294	1-10"	10"	2-10"	6"	78	8 ^{3/8}	7 ^{11/16}	129	17 ^{1/4}	29 ^{1/4}	82 ^{1/2}	30 ^{1/4}	30 ^{1/4}	136 ^{1/2}	135
2394	1-10"	10"	2-10"	6"	84	8 ^{3/8}	7 ^{11/16}	135	17 ^{1/4}	29 ^{1/4}	82 ^{1/2}	37 ^{3/8}	37 ^{3/8}	142 ^{1/2}	141
2494	1-10"	10"	2-10"	6"	90	8 ^{3/8}	7 ^{11/16}	141	17 ^{1/4}	29 ^{1/4}	82 ^{1/2}	37 ^{3/8}	37 ^{3/8}	148 ^{1/2}	147
2594	1-10"	10"	2-10"	6"	96	8 ^{3/8}	7 ^{11/16}	147	17 ^{1/4}	29 ^{1/4}	82 ^{1/2}	37 ^{3/8}	37 ^{3/4}	154 ^{1/2}	153

*All 6" supply outlets are tapped—all 8" and 10" supply outlets are flanged. 6" return is tapped.

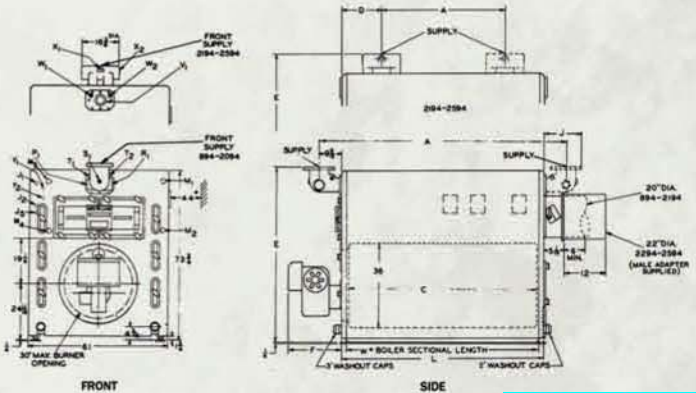
Standard Equipment

- All Boilers**
 Flame Retention Oil, Gas, or Gas/Oil Burner
 Insulated Flush Jacket
 Burner Mounting Plate with Refractory
 Flue Collar with Built-in Breeching Damper
 Front Cleanout Doors and Wing Nuts
 Front Cleanout Plates and Wing Nuts
 Back Access Door
 Flue Brushes and Handles
 Two Close Nipples and Caps for Washout Tappings on Front Section
 Supply Elbow(s) or Top Outlet(s)

- Water Boilers**
 ASME Safety Relief Valve
 Combination High-Limit and Low-Limit Control
 Combination Pressure-Temperature-Altitude Gauge

- Steam Boilers**
 ASME Side Outlet Safety Valve
 Low-Limit and High-Limit Pressure Controls
 4.2" Steam Pressure Gauge
 Syphon
 Gauge Glass
 Gauge Cocks

- Optional Equipment**
 Factory-Assembled Sections (894-2194 only)
 Fire-Tested Package Units
 Burner Controls
 Water Level Controls and Low-Water Cutoffs
 Barometric Damper
 1.2" Side Inspection Openings with Plugs
 80 PSI Working Pressure
 Manometer
 Tankless Heater(s)



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