PARKER INDUSTRIAL BOILER

POWER BURNER WATER WALL HOT WATER BOILER

G---R Models, Bent Steel Water Tube 500,000 - 3,080,000 BTUH Power Gas Fired, Light Oil or Combination

204WW Direct Fired Hot Water Wall Boiler

THE PARKER DESIGN

The Parker water tube design offers an extremely efficient, reliable hot water boiler built for the long term with ease of maintenance. The Parker design offers many advantages. Compare ours to the competition.

ADVANTAGES

- Sealed combustion chamber offers efficiencies to 86% with low excess air levels
- Less heat loss due to Water Wall sealed combustion chamber design.
- Flexible tubes, no thermal shock problems.
- Extra heavy boiler tubes 1-5/16" OD, minimum 0.12" (11GA) heavy thickness steel, built for long term service life.
- Welded tube bundle. No rolled, ferrell fit, or gasket type connections.
- Units up to 3,080,000 BTUH can go through a 35" door.
- Qualifies for Type "B" conventional venting on gas.
- Modular cabinet construction.
- · Lighter weight.
- Multiple burner options including Ultra Low NOx

Safety

Our ASME tube bundle is extremely flexible and offers a long life with a 25 year warranty against thermal shock. No Parker Boiler has ever been known to experience an internal explosion.

Low Cost Operation

The staggered tubing design provides a 10-pass self-baffled heating surface to increase efficiency

PARKER BOILER CO.

5930 Bandini Boulevard Los Angeles, CA 90040 Tel (323) 727-9800 Fax (323) 722-2848 www.parkerboiler.com BROCHURE 204-IV-VI 0J9



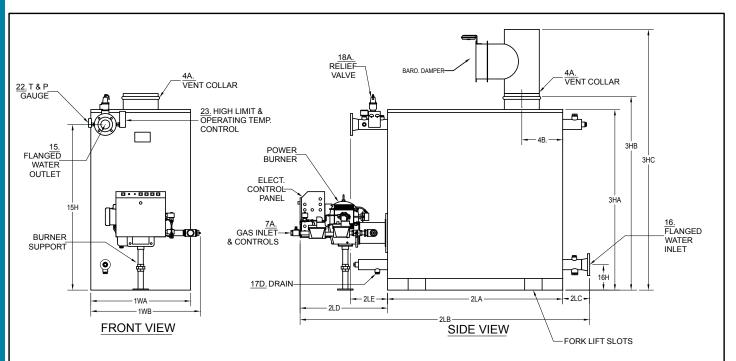
All Parker Hot Water Boilers are manufactured in accordance with the ASME Heating & Power Boiler Codes, and registered with the National Board of Boiler and Pressure Vessel inspectors. The boiler, burner and controls are prewired, factory tested and Listed by a Nationally Recognized Testing Laboratory as Gas, Oil or Combination Gas/Oil Fired Boiler Assemblies to UL Standard 795 & CAN/CGA STD 1-3.1. Oil Fired boilers are Listed per UL 726.

Heavy Insulated Cabinet

The cabinet is durably constructed with heavy steel, insulated with high temperature thermal fiber insulation to effectively reduce heat losses to a minimum.



PARKER BOILER WATER WALL HOT WATER BOILERS POWER GAS, OIL, COMBINATION OR LOW NOX FIRED **MODELS G672R TO G3120R**



NO.	ITEM "*" = G(gas), O (oil), GO (gas oil comb) MODEL NO.	*672R	*1008R	*1536R	*2304R	*2640R	*3120R
Α	BTU Input 1000's BTU/HR.	500	1008	1536	2000	2500	3080
В	BTU Output 1000's BTU/HR	410	827	1260	1640	2050	2525
С	Heating Surface SQ. FT.	93	140	187	234	294	358
1WA	Width of Cabinet IN.	35	35	35	35	35	35
1WB	Width Overall Including Controls (controls can be removed) IN.	40	40	42	42	44	44
2LA	Length of Cabinet IN.	32	47	56	68	83	101
2LB	Lenght Overall IN.	72-1/2	85-1/2	100	111-1/2	126-1/2	144
2LC	Length of Back Header Flange Beyon Cabinet IN.	9-1/2	7-1/2	9-1/2	9	9	8-1/2
2LD	Length of Burner Beyond Cabinet IN.	31	31	34-1/2	34-1/2	34-1/2	34-1/2
2LE	Lenght of Front Header Beyond Cabinet IN.	13	13	13	13	14	14
3HA	Height of Cabinet IN.	62	62	62	62	62	62
3HB	Height with Vent Collar IN.	66-1/2	66-1/2	66-1/2	66-1/2	66-1/2	66-1/2
3HC	Height Overall Including Barometric Damper IN.	81	84	88	90	92	96
4A.	Vent Collar Diameter IN.	8	10	12	14	16	18
4B.	Vent Stack Location - From Rear of Boiler Cabinet IN.	12	17-1/2	18-1/2	23	26	30
7A	Std. Nat. Gas Inlet Size, @ Inlet Supply Pressure; Min: 7" W.C.; Max: 14" W.C. IN.	1	1-1/4	1-1/2	1-1/2	2	2
7B	Hi Pressure Natural Gas or LP Gas Inlet Size, Supply Pressure 1-5 PSI IN.	1	1	1-1/2	1-1/2	1-1/2	2
8A	Oil Input Required @ Manuf.'s Capacity Rating (#2 Oil) GPH.	3.5	7	10.5	14.5	17.5	22
8B	Oil Supply Line Size - Minimum for up to 30'	3/8	1/2	3/4	3/4	3/4	
15 & 16	Hot Water Inlet & Outlet Size (CL. 150 Flanged) IN.	3	3	3	3	3	3
15H	Hot Water Outlet Height from Floor IN.	57	57	57	57	57	57
16H	Water Inlet height from Floor IN.	8-3/4	8-3/4	8-3/4	8-3/4	8-3/4	8-3/4
17D	Drain Line Size Required IN.	1	1	1	1	1	1
18AHP	Safety Relief Valve Size - 125 PSI (H-STAMP) OUTLET IN.	3/4	3/4	1	1	1	1-1/4
18ALP	Safety Relief Valve Size - 30 PSI (H-STAMP) OUTLET IN.	1	1-1/2	2	2	2-1/2	2-1/2
20A	POWER SPECIFICATIONS VOLTAGE/Ph	115V/1Ph 230V/3Ph					
20B	Controls (115V-1Ph-60Hz) AMPS	5 AMPS					
21	Blower HP - *G (gas) HP	1/3	1/3	1/2	1/2	3/4	1
	Water Capacity GAL.	16	22	29	35	43	56
	Net Weight of Boiler LBS.	1440	1685	2015	2350	2800	3450
	Crated Shipping Weight of Boiler- Approximate LBS.	1640	1935	2290	2650	3130	3900

Recommended Clearances for Access: Inspection Doors 18"; Controls 24"; Electrical Panel 30"; 3Ph (36"); Additional space may be required by Local Codes.

Notes: Due to continuous improvement, specifications are subject to change without notice.

