

**TRIM AND DESCRIPTION PARKER G----R(L) WATERWALL DIRECT FIRED HOT WATER BOILERS**  
**LOW NOx (20-30 PPM) PREMIX GAS FIRED MODELS G672R(L) TO G3120R(L)**

LOW NOx GAS FIRED MODEL	G672R(L) (.5)	G1008R(L)	G1536R(L)	G2304R(L) (2.0)	G2640R(L)	G3120R(L)
GROUP TRIM	AG(L)				BG(L)	CG(L)
INPUT BTU/HR	672,000	1,008,000	1,536,000	2,304,000	2,640,000	3,120,000
OUTPUT BTU/HR	551,000	827,000	1,260,000	1,640,000	2,165,000	2,559,000
GAS INLET SIZE – 7" - 14" W.C.	1"		1-1/2"		2"	
GAS INLET SIZE – 1 TO 5 PSI	1"		1-1/2"		2"	
VENT DIAMETER	8"	10"	12"	14"	16"	18"
STD. ELECT. SERVICE	115V/60Hz/1Ph				230V/60Hz/3Ph	
BLOWER MOTOR SIZE	1/2 HP		1 HP		2 HP	3 HP
APPROX. SHIPPING WEIGHT	1,640 LBS	1,935 LBS	2,290 LBS	2,650 LBS	3,130 LBS	4,000 LBS

**DESCRIPTION:**

Parker complete packaged Water Wall Direct Fired Hot Water Boiler. Designed with heavy 1-5/16" O.D. steel tubes welded to headers for 125 PSI W.P. Assembled in heavy steel insulated cabinet, burner with controls mounted and wired. Each unit factory fire tested. Recommended for closed system building or process heating. For specifications and dimensions, see Specification Sheet D-204WW-R(L).

**TEMPERATURE & WORKING PRESSURE:**

All sizes approved for 125 PSI. Standardly furnished with controls for 240°F and safety relief valve set for 125 PSI. Relief valve set for 30 PSI available at no additional charge when specified. Additional charge for higher temperatures or pressures, and any special settings on relief valves. (Boiler can be stamped lower pressure at no charge if specified on order).

CODES:	All models are built in accordance with the ASME Power and Heating Boiler Codes and registered with the National Board of Boiler and Pressure Vessel Inspectors. Boilers operating up to 160 PSI and 250°F are stamped "H". Boilers operating at higher temperatures or pressures are stamped "S". All trim and controls are in compliance with UL Standard 795, and boilers are listed by ETL as gas fired boiler assemblies.
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**GROUP TRIM:**

TRIM STD:	STANDARD ON ALL MODELS: Safety Relief Valve, Temperature-Pressure Gauge, Warrick probe type manual reset Low Water Cutoff with Test and Reset buttons, Honeywell T775M Operating Control, and Manual Reset High Limit. Barometric Damper with vertical tee. Cylindrical Premix Low NOx Burner with Blower Motor with VFD Drive and Ratio Control Valve for modulating firing and guaranteed low fire start, Electrical Panel, Boiler Controls switch, Main Burner switch, and Low Fire Hold switch. Gas line with Two Manual Gas Cocks, Gas Pressure Regulator, Two Safety Shut off Valves, Spark Ignited Gas Pilot and Gas Pilot Line with Manual Gas Cock, Pilot Gas Pressure Regulator and Electric Gas Valve, Air Safety Switch, UV Flame Detection, and Fireye MicroM Series Electronic Flame Safeguard with Prepurge and Manual Reset.
TRIM AG(L):	STANDARD MODEL G672R(L) to G2304R(L): 115V/60Hz/1Ph Blower Motor. (G672R(L) & G1008R(L) not available with 460V Blowers)
TRIM BG(L):	STANDARD MODEL G2640R(L) (2.5): 230V/60Hz/3Ph Blower Motor with Control Transformer furnished.
TRIM CG(L):	STANDARD MODEL: G3120R(L) Same as Trim BG(L) except furnished with High and Low Gas Pressure Switches.

**SPECIAL TRIM**

CALIF. CODE	All models require second low water cutoff.
OTHER TRIM	Consult Factory for availability and pricing of other optional trim items.

**FUEL**

NATURAL GAS	Burner is standard for natural gas 950 to 1150 BTU content. Required gas pressure at inlet: Minimum: 7" W.C.; Maximum 14" W.C. For lower inlet pressures consult factory. Higher inlet pressures require addition of high gas pressure trim.
PROPANE	Optional propane fired burner system furnished for Propane Gas 2500 to 3200 BTU content. Required gas pressure at inlet: Minimum 11" W.C.; Maximum 14" W.C.
NOTE:	Ratings are shown for elevations up to 2000 feet above sea level. For elevations above 2000 feet, ratings should be reduced at the rate of 4% for each 1000 feet above sea level or consult factory for possible larger blower.