

**TRIM & DESCRIPTION PARKER INDIRECT FIRED WATER HEATERS**  
**LOW NOx (20-30ppm) GAS FIRED MODELS WH300L TO WH3000L**

MODEL		WH300L	WH395L	WH490L	WH600L	WH730L	WH970L	WH1210L	WH1410L	WH1900L	WH2270L	WH2650L	WH3000L
<b>SPECIFICATIONS:</b>													
B.T.U. Input		300M	395M	490M	600M	730M	970M	1210M	1410M	1900M	2270M	2650M	3000M
B.T.U. Ouput		240M	316M	392M	480M	584M	776M	968M	1128M	1520M	1816M	2120M	2400M
OUTPUT	G.P.H. 60°F Rise	480	632	793	958	1167	1550	1935	2253	3037	3628	4237	4797
	G.P.H. 100°F Rise	288	379	470	575	700	930	1161	1352	1822	2177	2542	2878
GAS INLET	STD. Natural Gas	3/4"	3/4"	1"	1"	1"	1-1/2"	1-1/2"	1-1/2"	2"	2"	2"	2"
	HI. Pressure NG & Propane	3/4"	3/4"	3/4"	3/4"	3/4"	1-1/2"	1-1/2"	1-1/2"	1-1/2"	1-1/2"	1-1/2"	1-1/2"
VENT STACK	Draft Hood	8"	10"	10"	10"	10"	12"	14"	16"	18"	18"	20"	22"
	Barometric Damper	8"	8"	8"	8"	10"	10"	12"	14"	16"	18"	18"	18"
Circulating Line Size		1-1/2"	1-1/2"	1-1/2"	1-1/2"	1-1/2"	2"	2"	2"	2-1/2"	2-1/2"	2-1/2"	2-1/2"
Recommended Flow Rate-GPM		31	39	39	47	47	54	54	54	101	101	117	110
Standard Type of Firing		OFF-ON	OFF-ON	OFF-ON	OFF-ON	OFF-ON	MOD.	MOD.	MOD.	MOD.	MOD.	MOD.	MOD.
HEATER Electrical Service		115V 1Ph	115V 1Ph	115V 1Ph	115V 1Ph	115V 1Ph	115V 1Ph	115V 1Ph	115V 1Ph	(1) 230/3 (1) 115/1	(1) 230/3 (1) 115/1	(1) 230/3 (1) 115/1	(1) 230/3 (1) 115/1
PUMP Electrical Service		115V 1/3 HP	115V 1/3 HP	115V 1/3 HP	115V 1/3 HP	115V 1/3 HP	115V 1/2 HP	115V 1/2 HP	115V 1/2 HP	230V 3Ph 1 HP	230V 3Ph 1 HP	230V 3Ph 1 HP	230V 3Ph 1 HP
Shipping Weight – Heater Only		715#	885#	895#	1205#	1485#	1720#	1920#	2250#	2645#	3450#	3925#	4380#
HEATER & ACCESSORIES:													
1. Parker Indirect Fired Water Heater	GROUP TRIM	AB	AB	AB	AB	AB	AC	AC	AC	AD	AD	AE	AE
2. Circulating Pump	MODEL-SIZE-HP	3GB5-1.5F – 1-1/2" - 1/3 HP					5GB5-1.5F – 1-1/2" - 1/2 HP			3104G6-2-5.88 – 2" - 1 HP 3 PH			
3. Tank T & P Gage	MODEL	PT1088LBM200 – 3-1/2" T & P GAGE BACK MOUNTED 80-320F											
4. Tank T & P Relief Valve	SIZE	(1) 40XL4-1-125 1X1"						(1) N240X6-1-125 1X1"			(2) N240X6-1-125 1X1"		
5. Storage Tank	CAPACITY	162 Gal	256 Gal	256 Gal	256 Gal	372 Gal	379 Gal	379 Gal	532 Gal	710 Gal	1260 Gal	1260 Gal	1260 Gal
	MODEL (Dia. x Shell)	TSV2472	TSV3072	TSV3072	TSV3072	TSV3660	TSV3672	TSV3672	TSV4272	TSV4872	TSV54108	TSV54108	TSV54108
	OVERALL HEIGHT	96"	99"	99"	99"	90"	102"	102"	105"	112"	152"	152"	152"
	STANDARD WORKING PRESSURE - PSI	150	125	125	125	125	125	125	125	125	125	125	125
	UNLINED SHIPPING WEIGHT	440#	555#	555#	555#	775#	880#	880#	1050#	1300#	2340#	2340#	2340#

**DESCRIPTION:** Parker complete packaged Indirect Gas Fired Water Heater with built-in flange mounted finned copper tube heat exchanger, bronze bonnet and tube sheet, heavy 1-5/16" O D. steel tubes welded to headers for 125 PSI W.P. Assembled in heavy steel insulated cabinet with controls mounted and wired. Each unit factory fire tested. Recommended for supply water heating. Requires storage tank, circulator and trim. Swim Pool Heater available with pool temperature control.

**TEMPERATURE & WORKING PRESSURE:** All standard models are furnished with safety relief valve set for 125 PSI. High limit control for 240° and supply water temperature control up to 180°. Supply water temperature heating over 180° requires additional charge, consult Factory.

**TRIM & DESCRIPTION PARKER INDIRECT FIRED WATER HEATERS**  
**LOW NOx (20-30PPM) PREMIX GAS FIRED MODELS WH300L TO WH3000L**

<b><u>CODES:</u></b>	All models are built in accordance with the A.S.M.E. Power and Heating Boiler Codes stamped "H" and registered with the National Board of Boiler and Pressure Vessel Inspectors. The standard natural gas fired model is listed by ETL. All controls and trim are in compliance with UL Standard 795.
<b><u>GROUP TRIM:</u></b>	
<b><u>Trim A:</u></b>	Draft hood, safety relief valve, temperature and pressure gage, Warrick probe manual reset low water cutoff, dual aquastat high limit control with manual reset, aquastat for supply operating water temperature control, two main gas cocks, gas pressure regulator, dual electric gas valves, Electronic Flame Safeguard with electric ignition, manual reset and interrupted pilot. Control panel, Parker 5 Light Sequence Indicator System, Blower-Mixer, and expansion tank.
<b><u>Trim B:</u></b>	WH300L to WH730L: 115 V, 60 Hz, 1Ph for heater and pump.
<b><u>Trim C:</u></b>	Standard WH970L to WH1410L: 115V, 60 Hz, 1Ph for heater and pump.
<b><u>Trim D:</u></b>	Standard WH1900L to WH2270L: Two electrical services required for Heater (1) 230V/60Hz/3Ph for Blower Motor and (1) 115V/60Hz/1Ph for Boiler Controls*. Separate 230V/60Hz/3Ph required for pump.
<b><u>Trim E:</u></b>	Standard WH2650L to WH3000L: Same as Trim D except high and low gas pressure switches, positive close motorized gas valve,
<b><u>CALIFORNIA CODE TRIM:</u></b>	All models require second low water cutoff and water gage fixtures for expansion tank.
<b><u>STANDARD ACCESSORIES FOR SUPPLY WATER HEATING:</u></b>	
<b><u>1. Circulating Pump:</u></b>	The circulator must be high duty model, equivalent to Burks G Series Centrifugal Pump and not smaller than the size shown. If standard circulators used, size must be increased. Circulating lines to the storage tank must be minimum size shown on front.
<b><u>2. Tank T &amp; P Gage:</u></b>	Combination temperature-pressure gage recommended on upper part of tank or hot water outlet.
<b><u>3. Tank T &amp; P Relief Valve:</u></b>	Combination temperature-pressure relief valve should be installed on all tanks.
<b><u>4. Storage Tank:</u></b>	All storage tanks are A.S.M.E. Code approved for pressure shown and registered with the National Board. The tank should never be less than the size shown and it is important to select a heater to handle the maximum hourly load demand. On domestic water heating or installations for large intermittent demands (such as laundries with large washers), tank should not be less than two-thirds hourly load. Parker cement lining is recommended on all tanks.
<b><u>FUEL:</u></b>	
<b><u>Natural Gas:</u></b>	Burners standard for natural gas 950 to 1150 BTU content. Boiler rated at 4" W.C. gas pressure at Blower-Mixer inlet. Required gas pressure at inlet: Minimum: 7" W.C.; Maximum: 14" W.C. (1/2 PSI). For lower inlet pressures, consult factory. Higher inlet pressures require addition of high gas pressure trim.
<b><u>Propane Gas:</u></b>	Propane Gas Burners are for 2500 to 3200 BTU Content Gas. Propane Gas Fired Boilers are ETL Listed and the controls and trim are in compliance with UL Standard 795. They require higher gas pressure and additional charge. All boilers are rated for 18" W.C. gas pressure at the burner. Required gas pressure at inlet: Minimum: 1 PSI; Maximum: 5 PSI.
<b><u>NOTES:</u></b>	
1. Ratings shown are for elevations up to 2000 feet. For elevations above 2000 feet, ratings should be reduced at the rate of 4% for each 1000 feet above sea level.	
2. Off-On firing is standard on models WH300L to WH730L. Modulating or Two Stage firing is available at additional charge.	
3. Modulating Firing is standard on models WH970L to WH3000L. Two Stage firing is available at additional charge. (Off-On firing is not available on these models.)	

\*Single Point Electrical with control circuit transformer can be provided at additional charge.