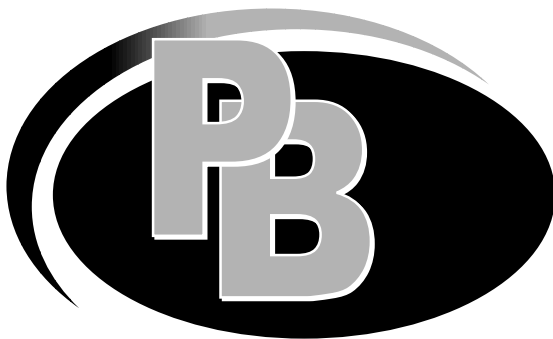




Series 61

- ❑ **Residential Gas Boilers**
 - *Packaged or Knockdown*
- ❑ **Natural Draft Venting**
- ❑ **Standing Pilot or Spark Ignition**
- ❑ **Steam or Hot Water Boilers**
- ❑ **Natural or LP Gas**



Steam



Water

- ❑ This **large water content** boiler installs in difficult steam or water applications.
- ❑ **AFUE** ranges from **76.8% (standing pilot) to 80.7% (spark ignition)** on steam boilers and **80.3% to 81.7% (spark ignition only)** on water boilers, significantly exceeding the federal standards for residential boiler efficiency.
- ❑ **Low profile design** ideal for boiler installations in areas with a low ceiling.
- ❑ An **optional tankless domestic hot water coil** can be installed on hot water boilers, insuring ample domestic hot water production.
- ❑ **Probe or float-type** low water cutoff available.

SERIES 61 BOILER RATINGS

Boiler Model Number	Input MBH	DOE Heating Capacity MBH ¹		Net I=B=R Ratings ³			Stdg. Pilot w/Damper Seasonal Efficiency (AFUE) ⁴		Spark Ign. w/Damper Seasonal Efficiency (AFUE) ⁴		Water Content (Gal.)	
		Water	Steam	Steam Sq. Ft.	Steam MBH ²	Water MBH1	Water	Steam	Water	Steam	Water	Steam
61-03	90	73	72	225	54	63	N/A	76.8	80.5	80.6	8.16	4.80
61-04	120	98	97	304	73	85	N/A	77.7	81.7	80.7	10.32	5.88
61-05	160	130	129	404	97	113	N/A	77.8	81.3	80.6	12.48	6.96
61-06	200	161	161	504	121	140	N/A	78.0	81.0	80.6	14.64	8.04
61-07	240	193	193	604	145	168	N/A	78.1	80.6	80.6	16.80	9.12
61-08	280	225	225	704	169	196	N/A	78.3	80.3	80.6	18.96	10.20

1 Net I=B=R water ratings based on an allowance of 1.15.

2 Net I=B=R steam ratings based on an allowance of 1.333.

3 Consult factory before selecting a boiler for installations having unusual piping and pickup requirements, such as intermittent system operation, extensive piping systems, etc.

4 Heating Capacity and Annual Fuel Utilization Efficiency (AFUE) ratings are based on U.S. Government test. Before purchasing this appliance, read important information about its estimated annual energy consumptions or energy efficiency rating that is available from your retailer.

SERIES 61 BOILER SPECS

STANDARD EQUIPMENT

- Cast Iron Sections—Factory Tested and Assembled with Steel Push Nipples
- Split Block of Sections (61-08)
- Closed End Section (61-03-07): Open RH End Section w/Cover Plate & Gasket (61-08)
- Deluxe Insulated Enameled Steel Jacket
- Aluminized Steel Burners & Flue Collector
- Horizontal to Vertical Draft Diverter
- LH End Cleanout Cover Plate
- Automatic Vent Damper
- Honeywell Controls
- Flame Rollout Safety Switch
- Vent Safety Switch
- Drain Valve

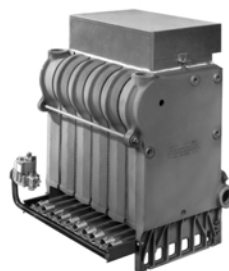
Water

- 30 PSI ASME Safety Relief Valve
- Combination Pressure/Temperature Gage
- Limit Control, L4006A (W & WP Models)
- Limit Control Relay, L8148E (WPC Model)
- Limit Control Relay, L8124E (WPCT Model)
- Taco 007 Circulator (WPC & WPCT Models)

Steam

- 15 PSI ASME Safety Valve
- Pressure Gage
- Gage Glass & Gage Cocks
- Pressure Control, PA404A
- Float Type LWCO, MM 67PE-2
- Skim Tapping

Section Block



Cast Iron Section



PRODUCT SELECTION GUIDE

Example:

61 - 03 - STDG/SPRK - WPCT - N

Series Sects.

Standing Pilot w/Damper or
Spark Ignition w/Damper

W = Water Knockdown

WP = Water Package

WPC = Water Package w/Circulator

WPCT = Water Package w/Circ. & Tankless Coil

S = Steam Knockdown

SP = Steam Package

Natural Gas
(Substitute "LP"
for LP Gas)

THE PEERLESS WARRANTY SUMMARY*

This warranty covers:

- the entire boiler, one year from date of installation.
- cast iron sections, lifetime for water; 10 years for steam.

Optional 5 and 10 year extended warranties are also available.

*Before purchase contact your installing contractor for complete warranty information.

BOILER DIMENSIONS

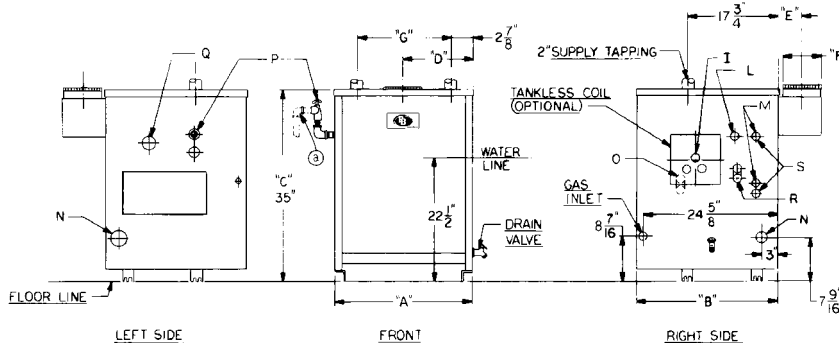
Boiler Model Number	Jacket			Right of Jacket to c/l of Flue "D"	Rear of Jacket to c/l of Flue "E"	Flue Size "F"	Distance Between Tappings "G"
	Width "A"	Depth "B"	Top to Floor "C"				
61-03	14 $\frac{3}{4}$ "	27 $\frac{1}{4}$ "	35"	7 $\frac{7}{8}$ "	3 $\frac{9}{16}$ "	5"	9"
61-04	18 $\frac{7}{8}$ "	27 $\frac{1}{4}$ "	35"	9 $\frac{7}{16}$ "	4 $\frac{1}{16}$ "	5"	13 $\frac{1}{8}$ "
61-05	23"	27 $\frac{1}{4}$ "	35"	11 $\frac{1}{2}$ "	4 $\frac{9}{16}$ "	6"	17 $\frac{1}{4}$ "
61-06	27 $\frac{7}{8}$ "	27 $\frac{1}{4}$ "	35"	13 $\frac{3}{16}$ "	4 $\frac{9}{16}$ "	7"	21 $\frac{3}{8}$ "
61-07	31 $\frac{1}{4}$ "	27 $\frac{1}{4}$ "	35"	15 $\frac{5}{8}$ "	6 $\frac{1}{16}$ "	8"	25 $\frac{1}{2}$ "
61-08	35 $\frac{3}{8}$ "	30 $\frac{3}{4}$ "	35"	17 $\frac{1}{16}$ "	6 $\frac{1}{16}$ "	8"	29 $\frac{5}{8}$ "

TAPPING LOCATIONS

Location	Size N.P.T.	Steam	Water
I	$\frac{3}{4}$ "	Pressure Gauge	Limit Control
L	$\frac{1}{2}$ "	N/A	Theraltimeter
M	$\frac{1}{2}$ "	Gauge Glass and Float LWCO	N/A
N	2"	Return	Return
O	$\frac{3}{4}$ "	Secondary Probe LWCO	N/A
P	$\frac{3}{4}$ "	Safety Valve	Relief Valve
Q	1 $\frac{1}{2}$ "	Skim Tapping	N/A
R	$\frac{3}{4}$ "	Primary Probe LWCO	N/A
S	$\frac{1}{2}$ "	Gauge Glass for Primary Probe LWCO	N/A

a **CAUTION:** Pipe the discharge of relief valve to prevent injury in the event of pressure relief. Suggest discharge to be piped to drain. Pipe full size of outlet.

Note: Vent damper may be installed horizontally or vertically at the outlet of the draft hood.



CRATED DIMENSIONS AND SHIPPING WEIGHTS

Boiler Model Number	Length	Width	Height	Approx. Shipping Wts. (lbs.)					
				W	S	WP	SP	WPC	WPCT
61-03	25 $\frac{1}{2}$ "	31"	39 $\frac{1}{2}$ "	470	478	485	493	510	525
61-04	29 $\frac{1}{2}$ "	31"	39 $\frac{1}{2}$ "	570	578	585	593	610	625
61-05	33 $\frac{1}{2}$ "	31"	39 $\frac{1}{2}$ "	660	668	675	683	700	715
61-06	37 $\frac{1}{2}$ "	31"	39 $\frac{1}{2}$ "	745	753	770	778	795	810
61-07	49"	31"	39 $\frac{1}{2}$ "	840	848	865	873	890	905
61-08	53"	31"	39 $\frac{1}{2}$ "	1000	1008	1025	1033	1050	1065



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