



**POWER-FIN<sup>®</sup> BOILER  
(PB) PRODUCT SUMMARY**

---

**500,000 – 2,000,000 Btu/hr**

**POWER-FIN® GAS BOILER (PB MODELS)**

	<b>PB-0501</b>	<b>PB-0751</b>	<b>PB-1001</b>	<b>PB-1300</b>	<b>PB-1500</b>	<b>PB-1700</b>	<b>PB-2000</b>
<b>WATER</b>							
GALLON CAPACITY	3.5	4	4.5	5	5.5	5.75	6
WATER CONNECTIONS	2-1/2"	2-1/2"	2-1/2"	2-1/2"	2-1/2"	2-1/2"	2-1/2"
DRAIN (TWO)	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
MAX. WATER FLOW (GPM)	75	75	75	75	90	90	90
HEAD LOSS (FT. OF HEAD)	10	10	10	10	12	12	12
MIN. WATER FLOW (GPM)	23	32	43	56	65	75	87
HEAD LOSS (FT. OF HEAD)	0.8	1	2.1	5.5	6.3	7.9	11.9
MAX. WORKING PRESSURE (PSI)	160	160	160	160	160	160	160
RELIEF VALVE SIZE (MBH)	1,352	1,352	1,352	1,954	1,934	1,934	1,352
# OF RELIEF VALVES	1	1	1	1	1	1	2
RELIEF VALVE SIZE	1"	1"	1"	1-1/4"	1-1/4"	1-1/4"	1"
PRESSURE RATING (PSI)	50	50	50	50	50	50	50
HEATING SURFACE (SQ. FT.)	58.7	88.2	116	149.2	156	178	209
<b>GAS</b>							
INLET CONNECTION	1"	1-1/4"	1-1/4"	1-1/4"	1-1/2"	1-1/2"	1-1/2"
MAX. INLET PRESSURE, NAT (WC)	10.5	10.5	10.5	10.5	10.5	10.5	10.5
MIN. INLET PRESSURE, NAT (WC)	4	4	4	4	4	4	4
MANIFOLD PRESSURE, NAT (WC)	3.5	3.5	3.5	3.5	3.5	3.5	3.5
MAX. INLET PRESSURE, LP (WC)	13	13	13	13	13	13	13
MIN. INLET PRESSURE, LP (WC)	11	11	11	11	4	4	4
MANIFOLD PRESSURE, LP (WC)	10	10	10	10	3.5	3.5	3.5
Btu/Hr INPUT	500,000	750,000	1,000,000	1,300,000	1,500,000	1,700,000	2,000,000
Btu/Hr OUTPUT - F9 MODELS	425,000	637,500	850,000	1,105,000	---	---	---
Btu/Hr OUTPUT - M9 MODELS	435,000	652,500	870,000	1,131,000	1,305,000	1,479,000	1,740,000
<b>ELECTRICAL</b>							
VOLTAGE/HEATER	120	120	120	120	120	120	120
VOLTAGE/CONTROL	24	24	24	24	24	24	24
TOTAL AMPS	6.7	6.7	6.7	6.7	6.7	6.7	6.7
# OF ELECTRICAL CONNECTIONS	1	1	1	1	1	1	1
<b>DIMENSIONS (INCHES)</b>							
HEIGHT	44-1/2"	52-1/4"	59-1/4"	67-3/4"	66-3/4"	71-1/4"	78"
WIDTH	23-1/4"	23-1/4"	23-1/4"	23-1/4"	27"	27"	27"
DEPTH	28-1/2"	28-1/2"	28-1/2"	28-1/2"	29-3/4"	29-3/4"	29-3/4"
<b>SERVICE CLEARANCES (INCHES)</b>							
FRONT	24"	24"	24"	24"	24"	24"	24"
BACK (Piping)	24"	24"	24"	24"	24"	24"	24"
RIGHT SIDE	0	0	0	0	0	0	0
LEFT SIDE	0	0	0	0	0	0	0
TOP	24"	24"	24"	24"	24"	24"	24"
<b>VENTING</b>							
SIZE (INCHES)	7"	9"	10"	12"	8"	8"	10"
REDUCER VENT	4"	5"	6"	8"	---	---	---
CATEGORY	I / II&IV	I / II&IV	I / II&IV	I / II&IV	IV	IV	IV
MAX. DRAFT (WC)	-0.08	-0.08	-0.08	-0.08	---	---	---
MIN. DRAFT (WC)	-0.02	-0.02	-0.02	-0.02	---	---	---
VENT MATERIAL	B-VENT / AL29-4C	B-VENT / AL29-4C	B-VENT / AL29-4C	B-VENT / AL29-4C	AL29-4C	AL29-4C	AL29-4C



Lochinvar Corporation • 300 Maddox Simpson Pkwy • Lebanon, TN 37090 • 615-889-8900 / Fax 615-547-1000  
[www.Lochinvar.com](http://www.Lochinvar.com)