



POWER-FIN® BOILER PRODUCT SUMMARY (PB) 2,500,000 - 5,000,000 BTU/HR (5:1 Turndown)

	PB-2500	PB-3000	PB-3500	PB-4000	PB-5000
WATER					
GALLON CAPACITY	10.4	11.3	12.2	13.2	15.0
HEATING SURFACE (SQ. FT.)	279.2	337.7	390.7	447.7	558
WATER CONNECTIONS	4"	4"	4"	4"	4"
DRAIN	2 @ 1-1/4"	2 @ 1-1/4"	2 @ 1-1/4"	2 @ 1-1/4"	2 @ 1-1/4"
MAX. WATER FLOW RATE (GPM)	225	225	225	225	225
HEAD LOSS (FT. OF HD.)	7.2	7.5	7.8	9.5	10.5
MIN. WATER FLOW RATE (GPM) *	73	87	102	116	145
HEAD LOSS (FT. OF HD.) *	1.1	1.9	2.7	3.9	5.2
MAX. WORKING PRESSURE (PSI)	160	160	160	160	160
# OF RELIEF VALVES	1	1	1	1	1
RELIEF VALVE SIZE	1-1/2"	1-1/2"	1-1/2"	1-1/2"	2"
RELIEF VALVE RATING (MBH)	3,075,000	3,075,000	4,237,000	4,237,000	5,575,000
RELIEF VALVE PRESSURE RATING (PSI)	50	50	50	50	50
GAS					
INLET CONNECTION	2"	2"	2"	2-1/2"	2-1/2"
MAX. INLET PRESSURE, NAT	14.0" w.c.	14.0" w.c.	14.0" w.c.	14.0" w.c.	14.0" w.c.
MIN. INLET PRESSURE, NAT	4.0" w.c.	4.0" w.c.	4.0" w.c.	4.0" w.c.	4.0" w.c.
MAX. INLET PRESSURE, LP	14.0" w.c.	14.0" w.c.	14.0" w.c.	14.0" w.c.	14.0" w.c.
MIN. INLET PRESSURE, LP	8.0" w.c.	8.0" w.c.	8.0" w.c.	8.0" w.c.	8.0" w.c.
BTU/HR INPUT	2,500,000	3,000,000	3,500,000	4,000,000	4,999,000
BTU/HR OUTPUT (HIGH FIRE)	2,175,000	2,610,000	3,045,000	3,480,000	4,349,000
BTU/HR OUTPUT (LOW FIRE)	435,000	522,000	609,000	696,000	869,800
ELECTRICAL					
VOLTAGE/HEATER	240V/1PH/60Hz	240V/1PH/60Hz	208V/3PH/60Hz	208V/3PH/60Hz	480V/3PH/60Hz
VOLTAGE/CONTROL	24	24	24	24	24
TOTAL AMPS	4.9	4.9	6.0	6.0	3.4
# OF ELECTRICAL CONNECTIONS	1	1	1	1	1
DIMENSIONS					
HEIGHT	59"	65"	70-1/4"	79-3/4"	93-1/4"
WIDTH	29-3/4"	29-3/4"	29-3/4"	29-3/4"	32-3/4"
DEPTH	44-1/2"	44-1/2"	47-1/4"	47-1/4"	46-3/4"
SERVICE CLEARANCES					
FRONT	24"	24"	24"	24"	24"
BACK (PIPING)	24"	24"	24"	24"	24"
RIGHT SIDE	0"	0"	0"	0"	0"
LEFT SIDE	0"	0"	0"	0"	0"
TOP	24"	24"	24"	24"	24"
VENTING					
SIZE (INTAKE / EXHAUST)	9" / 9"	9" / 10"	10" / 10"	10" / 12"	12" / 14"
VENT CATEGORY	II / IV	II / IV	II / IV	II / IV	II / IV
VENT MATERIAL	AL29-4C	AL29-4C	AL29-4C	AL29-4C	AL29-4C

* Minimum flow rate and head loss are based on a 60°F temperature rise.

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PBX-PS-05 (Replaces PBX-PS-04 10/2019)