



**POWER-FIN®  
BOILER  
Submittal Sheet  
PB-Sub-10**

**POWER-FIN® GAS BOILER 501, 751, 1001, 1300 MODELS**

**JOB NAME** \_\_\_\_\_

**LOCATION** \_\_\_\_\_

**ARCH./ENGR.** \_\_\_\_\_

**MECH. CONTRACTOR** \_\_\_\_\_

**MODEL NO.** \_\_\_\_\_

**TYPE GAS** \_\_\_\_\_

**Btu/hr INPUT** \_\_\_\_\_ **Btu/hr OUTPUT** \_\_\_\_\_

**NOTES**

**Standard Features**

- Up to 87% Thermal Efficiency
- Aquastat with Adjustable Differential
- Sequential & Diagnostic Control Panel
- Digital Display with Alarm & Status LEDs
- Radial Ceramic Burner
- Low NOx Operation Exceeds the most Stringent Air Quality Requirements
- ASME Copper Finned Tube Heat Exchanger
- Gasketless Heat Exchanger Design
- 160 PSI Working Pressure
- Temperature & Pressure Gauge
- Combustion Air Filter
- Hot Surface Ignition
- Adjustable High Limit with Manual Reset
- Down Stream Test Cock
- Zero Clearance to Combustible Materials
- Slide Out Control Panel
- ASME Pressure Relief Valve
- Pump Delay
- Freeze Protection
- Flow Switch
- Small Footprint
- Flame View Port
- 24 Volt Control System
- 10 Year Limited Warranty on Heat Exchanger (See warranty for details)

**Optional Equipment**

Place an X in the box by all options that apply

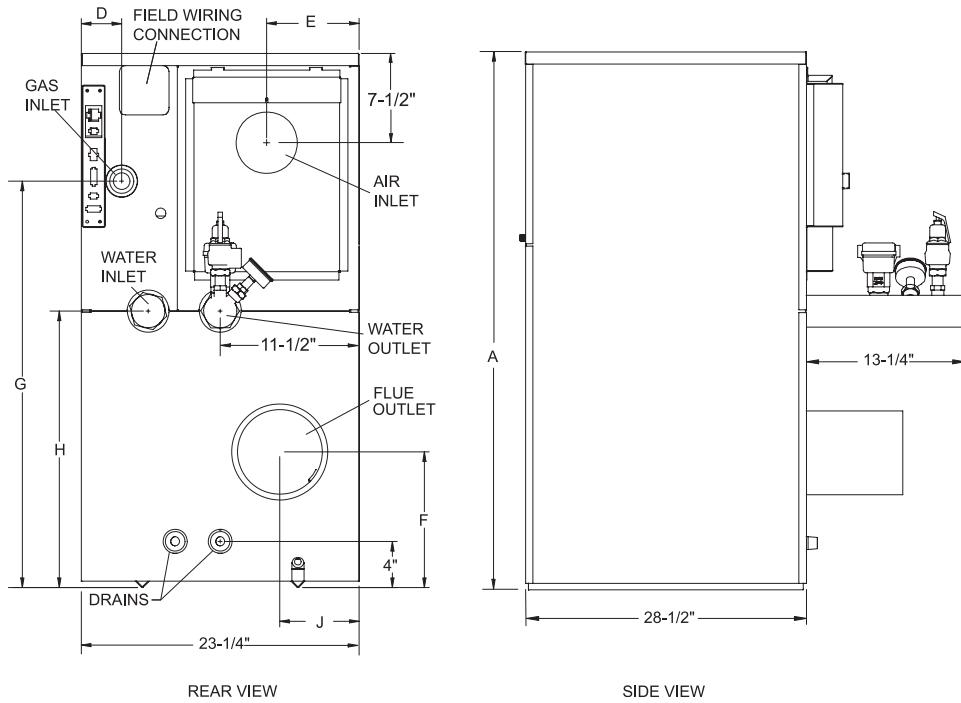
- Alarm Bell
- Contacts for Air Louvers
- Contacts on any Failure
- Cupro-Nickel Heat Exchanger
- High Gas Pressure Switch
- Low Gas Pressure Switch
- Indoor/Outdoor Control
- Low Water Cut-Off w/ Manual Reset
- MP<sup>2</sup> Sequencer (F9 models only)
- Harmony Sequencer (M9 models only)
- Vent Diameter Reducer

**Firing Control Systems**

F=On/Off Fire    M=Modulating Fire

- F9    HSI (Standard)
- M9    Hot Surface Ignition with Modulation
- F/M13    GE GAP/FM/IRI
- F/M7    California Code

# Power-Fin Boiler Dimensions & Specifications



Model Number	Btu/Hr Input	Btu/Hr Output	D		E	F	G	H	J	Gas Conn.	Air Inlet Size	Vent Size	Ship.Wt. (lbs)	
			A	(F9) (M9)										
PBN0501	500,000	425,000	44-1/2"	5-1/4"	3-1/4"	7-3/4"	11-1/4"	33-3/4"	23-1/4"	6-3/4"	1"	5"	7"	505
PBN0751	750,000	637,000	52-1/4"	5-1/4"	3-1/4"	7-3/4"	11-1/4"	41-1/4"	30-3/4"	7"	1-1/4"	5"	9"	554
PBN1001	1,000,000	850,000	59-1/4"	4-1/4"	3-1/4"	7-3/4"	11-1/4"	48-1/2"	37-3/4"	7-1/4"	1-1/4"	6"	10"	603
PBN1300	1,300,000	1,105,000	67-3/4"	4-1/4"	3-1/4"	7-3/4"	19-1/2"	57"	46-1/4"	8-1/4"	1-1/4"	6"	12"	652

Notes: Change "N" to "L" for LP Gas Model.

Water Connections are 2-1/2" on 6" centers.

No deration on LP Gas Models.

Performance Data Based on Manufacturer Test Results.

## Venting Options

- Sidewall
- Vertical
- DirectAire Vertical w/ Sidewall Inlet
- DirectAire Horizontal w/ Rooftop Inlet
- Direct Vent Horizontal
- Direct Vent Vertical
- Direct Vent Horizontal w/ Reducer
- Sidewall w/ Reducer
- Intelligent Venting Solutions

## Electrical Requirements

Boiler 15 Amp Circuit Required



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