

# Residential Water Boilers

**PENNCO**   
**SILVER**  
CAST IRON BOILERS

**FSB** Series 3  
Gas-Fired Water Boiler



Available in 5 sizes from 42.5 MBH to 187.5 MBH

## Efficiency:

The FSB Series 3 provides an annual fuel utilization efficiency of up to 84.4% as certified by the US Department of Energy testing standards.

## Control:

The Pennco FSB Series 3 features a Honeywell High Limit/Electronic Ignition Control:

- Recessed under the boiler's protective jacket
- Digital temperature display and diagnostics
- Plug in connection for the inducer fan
- Plug in connection for the system pump

Control monitors the water temperature and delays the burner starting until residual heat has been transferred. This maximizes efficiency by turning on the burner only when needed.

## Induced Draft Fan:

Allows flue gases to be pulled through the boiler and exhausted through a chimney or side-wall vent

## Quality Heat Exchanger Design:

The FSB Series 3 features a dependable cast iron heat exchanger with cast iron push nipples. The sections and push nipples expand at the same rate when heated. By using similar materials instead of less expensive gaskets, the boiler maintains a water tight seal over time.

## Residential Warranty:

20 Year Limited Warranty

## Made in the USA

**Pennco SILVER makes Simple Comfort, Affordable.**

[www.pennco boilers.com](http://www.pennco boilers.com)  
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# FSB Series 3



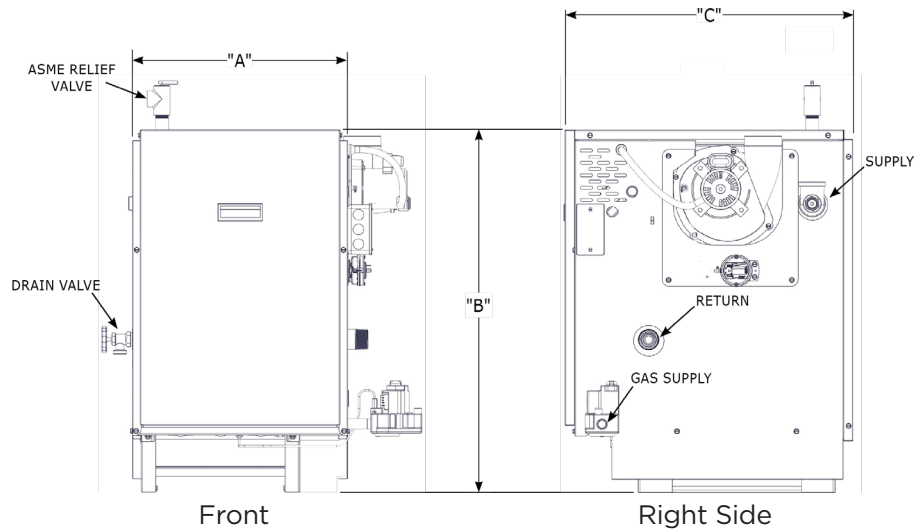
## Gas-Fired Water Boiler

### Standard Equipment:

- Assembled Boiler with Insulated Jacket
- Circulator
- Completely Installed and Wired Gas Control System with Titanium Composite Burners and Manifold consisting of:
  - Automatic Redundant Combination Gas Valve
  - 24 Volt Intermittent Pilot Control
  - Continuous Retry 100% Shut Off
  - Combinations Pilot Burner/Electrode/Flame Sensor
- 24 Volt Transformer, Service Switch
- Flame Roll-Out Safety Shut-Off (Fuse Link) and Pressure Switch (Vent Safety Shut-Off) with Spare Fuse Link
- Induced Draft Fan
- Combination Temperature/Pressure Gauge

### Optional:

- Natural Gas or Propane
- Fill-Trol
- Thimble
- Sidewall Vent Hood



### Specifications:

MODEL	Input MBH <sup>(1)</sup>	Heating Capacity MBH <sup>(1)(2)</sup>	Net Water MBH <sup>(1)(3)</sup>	Efficiency AFUE <sup>(2)</sup>	Vent Pipe Size <sup>(4)</sup>		Water Content Gallons	- A - Width	- B - Height	- C - Depth	Ship Weight
					Chimney	Sidewall					
FSB-2	42.5	36	31	84.4%	4"	3"	1.75	11"	29"	23-1/4"	225 lbs.
FSB-3	75.0	63	55	84.0%	4"	3"	3	14-1/4"	29"	23-1/4"	265 lbs.
FSB-4	112.5	95	82	84.0%	4"	3"	4.25	17-1/2"	29"	23-1/4"	322 lbs.
FSB-5	150.0	127	109	84.0%	4"	3"	5.5	20-3/4"	29"	23-1/4"	370 lbs.
FSB-6	187.5	158	135	84.0%	4"	4"	6.75	24"	29"	23-1/4"	431 lbs.

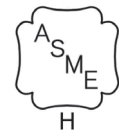
- Gas Inlet: 1/2"
- Supply & Return Tappings: 1 1/4"
- All boilers are design certified for installation on noncombustible floor.
- Electric service to be 120 Volts, 15 Amps, 60 Hz.

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- (1) 1000 Btu/hr (British Units Per Hour)  
 (2) Heating capacity and AFUE (Annual Fuel Utilization Efficiency) are based on DOE (Department of Energy) test procedures.  
 (3) Net Water Rating shown based on piping and pickup allowance of 1.15. Consult manufacturer before selecting boilers for installation having unusual piping and pickup requirements, such as intermittent system operation, extensive piping systems, etc.  
 (4) Refer to IOM and vent pipe manufacturer's instructions for equivalent lengths and approved venting materials.



C.S.A. Certified  
For Natural Gas Or Propane



Tested for 50 psi  
ASME Working  
Pressure



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All specifications subject to change without notice.  
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