

PENNCO



Cast Iron Boilers

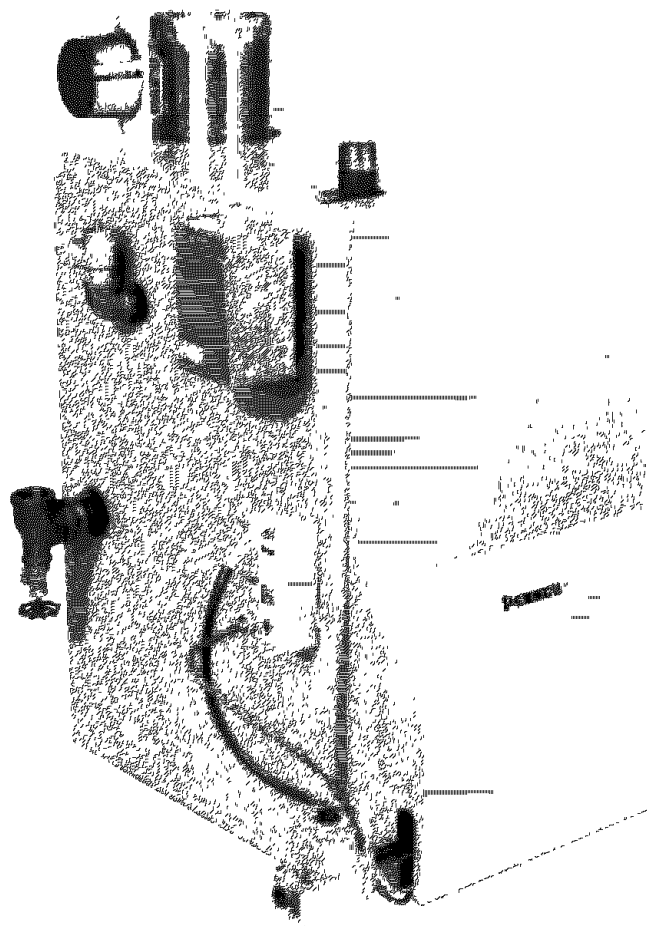
NEW!

Gas Fired Water Boilers

The new Pennco 15B Series Boiler has been designed with new features making it the ideal home heating solution. With quality features such as an advanced heat exchanger design, greater BTU input per sectional size and electronic ignition, the 15B series can achieve fuel efficiencies up to 82% AFUE.

SYSTEM FEATURES

- ☛ **Quality Heat Exchanger Design** – The 15B Series features a robust heat exchanger that is constructed of heavy duty cast iron sections, with greater weight per section, and sealed with cast-iron push nipples. This results in greater heat transfer capabilities and BTU input per sectional size. New additional sizes are available and when utilized in a seven section configuration the 15B Series can reach nearly 300 MBH input.
- ☛ **High Efficiency** – The 15B Series provides annual fuel utilization efficiency up to 82% as certified by the US Department of Energy testing standards.
- ☛ **Electronic Ignition** – An optional electronic ignition reduces gas consumption since fuel is burned only when heat is required.
- ☛ **Easy Installation and Maintenance** – A compact design, low profile draft hood and top supply piping connections allow for easier installation. The pilot is mounted to the butt of the burner for ease of serviceability and maintenance.
- ☛ **American Made** – Pennco boilers are made in the United States by American craftsmen.



15B SERIES

GAS-FIRED HOT-WATER BOILERS

Boiler Number	A.G.A. Input Btu/Hr. *	Heating Capacity Btu/Hr. *	I=B=R Net Output Btu/Hr. *†	Natural§ Gas Inlet	Dimensions (Inches)						Pump Size Supply & Return Tappings	Number of Burners	AFUE Elec. Ign. & Damper	AFUE Std. Pilot & Damper
					A	B	C	D	E	F				
15045	45,000	37,000	32,000	1/2"	11.3	5.6	4.0	27.1	20.5	5.0	1 1/4"	1	82.0%	80.0%
15070	70,000	57,000	50,000	1/2"	15.1	7.6	5.0	28.1	21.0	5.0	1 1/4"	2	82.0%	80.0%
15096	96,000	79,000	69,000	1/2"	12.1	7.6	5.0	28.1	21.0	5.0	1 1/4"	2	82.0%	80.0%
15120	120,000	98,000	85,000	1/2"	19.0	9.5	6.0	29.1	21.5	5.5	1 1/4"	3	82.0%	80.0%
15145	145,000	119,000	103,000	1/2"	19.0	9.5	6.0	29.1	21.5	5.5	1 1/4"	3	82.0%	80.0%
15175	175,000	141,000	123,000	1/2"	22.9	11.4	7.0	30.1	22.0	6.0	1 1/4"	4	80.5%	80.0%
15195	195,000	157,000	137,000	1/2"	22.9	11.4	7.0	30.1	22.0	6.0	1 1/4"	4	80.5%	80.0%
15245	245,000	197,000	171,000	3/4"	26.8	13.4	8.0	31.1	22.5	7.0	1 1/4"	5	80.5%	80.0%
15295	295,000	237,000	206,000	3/4"	30.6	15.3	9.0	32.1	23.0	9.0	1 1/4"	6	80.5%	80.0%

* For elevations above 2000 feet, ratings should be reduced at a rate of 4% for each 1000 feet above sea level.

† For equivalent square feet of radiation, divide I=B=R output by 150.

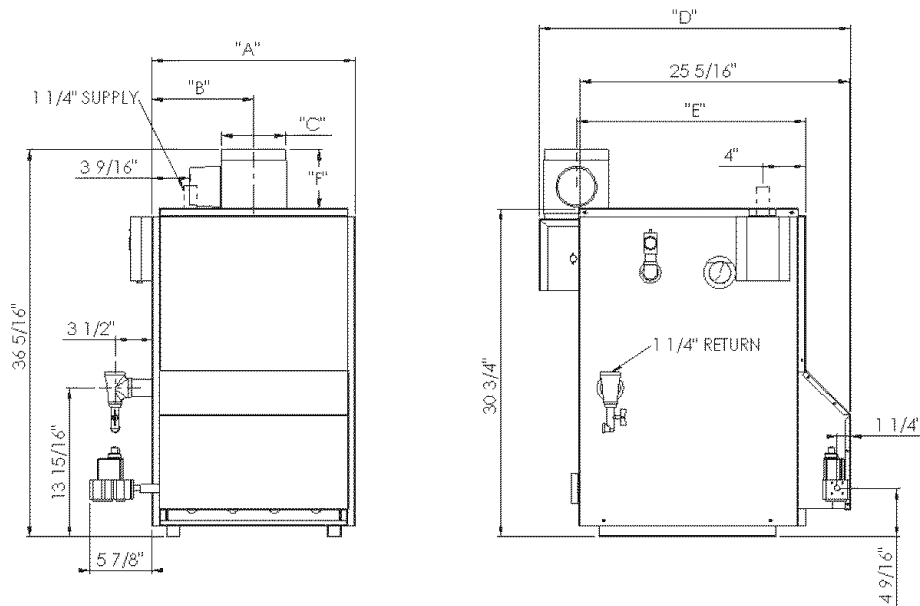
§ Propane gas Inlet, all units, 1/2"

STANDARD EQUIPMENT: Boiler Jacket, Cast-Iron Boiler Battery, Combination Aquastat Relay, Theraltimeter Gauge, Grundfos Circulator, Main Gas Burners, Combination 24 Volt Gas Control (includes Automatic Gas Valve, Gas Pressure Regulator, Automatic Pilot, Safety Shut Off, Pilot Flow Adjustment, Pilot Filter), A.S.M.E. Relief Valve, Drain Cock, Spill Switch, Rollout Switch, Automatic Vent Damper, Wiring Harness, Thermocouple, Non-linting Safety Pilot.

OPTIONAL EQUIPMENT: Intermittent Electric Ignition Pilot System.

EXPLANATION NOTES:

- All boilers are design-certified for installation on non-combustible floors.
- For installation on any combustible floor, use combustible floor kit.
- Recommended chimney height 20 feet. In special cases where conditions permit, chimney height may be reduced to 10 feet.
- Net I=B=R ratings include 15% allowance for normal piping and pickup load. Manufacturer should be consulted on installations having other than normal piping and pickup requirements.
- Specifications and dimensions are subject to change without notice.



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85 Middle Rd., Dunkirk, NY 14048 • Phone: (716) 366-5500 • Fax: (716) 366-1209 • E-mail: info@ecrinternational.com