

# Residential Steam Boilers

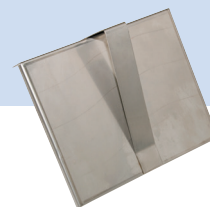
**PENNCO**

**SILVER**

CAST IRON BOILERS

**KSC V** Series

Oil-Fired Steam Boiler



Patented Heat Shield Baffle

## The Pennco KSC V Series Boiler is an Affordable Oil-Fired Steam Heating Solution

### Standard Equipment:

- Crated Cast-Iron Boiler
- Flush Jacket
- Swing-Out Burner Door
- Beckett Oil Burner
- Target Wall / Liner
- Honeywell Pressure Control
- Boiler Water Level Gauge Glass
- Steam Pressure Gauge
- Electronic Low Water Cut-Off
- ASME Relief Valve
- Drain Valve
- Wiring Harness
- Burner Electric Disconnect
- Supply Tapping: 2"
- Return Tapping: 1-1/2"
- Skim Port

### Tankless Water Heater Option:

- Tankless Hot Water Coil

The Pennco KSC V Series features a patented protective heat shield baffle to protect the casting above the water line.

**Quality Heat Exchanger Design** – The KSC V Series features a robust cast iron heat exchanger for longer boiler life. The sections are connected with cast iron push nipples, which expand and contract at the same rate as the sections ensuring a water tight seal. The KSC V Series is available in four sizes from 106 MBH to 247 MBH.

**Efficiency** – The KSC V Series provides an annual fuel utilization efficiency of 82% as certified by the US Department of Energy testing standards.

**Warranty** – Limited 10 Year Manufacturer's Warranty.

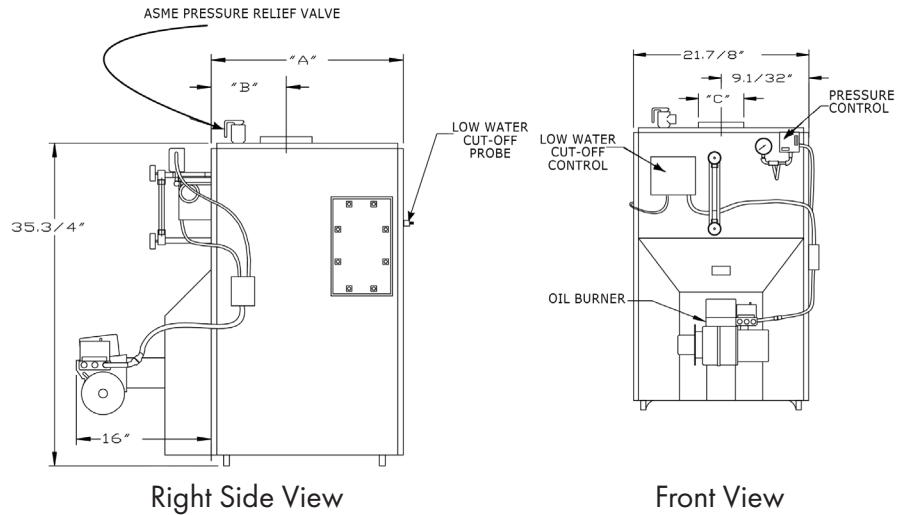
**Built by American Craftsmen**

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

www.pennco boilers.com  
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## Oil-Fired Steam Boiler

Boiler Model Number	Dimensions		
	Length of Flush Jacket	Front of Jacket to Center Line of Flue Outlet	Flue Outlet Diameter
	-A-	-B-	-C-
KSC-3090	16 3/8"	6 1/2"	6"
KSC-4125	20 1/4"	8 1/2"	6"
KSC-5185	23 5/8"	10 1/4"	7"
KSC-6210	27 1/2"	8 5/16"	8"



### Ratings:

\*Minimum height for Low Water Cut Off installation.

Boiler Model Number		Oil Burner Input <sup>(1)</sup>		Heating Capacity MBH <sup>(4)</sup>	Net AHRI Ratings <sup>(3)</sup>		Min. Natural Draft Chimney Size		AFUE Rating <sup>(4)</sup>	Pump Pressure PSI	Nozzle Furn.
Without Tankless	With Tankless	G.P.H.	MBH <sup>(2)</sup>		Steam MBH	Sq. Ft. Steam	Round	Square			
KSC-3090S	KSC-3090ST	0.90	126	106	80	333	6"	8" x 8" x 15'	82.0%	150	0.75-60°B
KSC-4125S	KSC-4125ST	1.25	175	147	110	458	6"	8" x 8" x 15'	82.0%	140	1.10-60°B
KSC-5185S	KSC-5185ST	1.85	259	216	162	675	8"	8" x 8" x 15'	82.0%	150	1.50-70°B
KSC-6210S	KSC-6210ST	2.10	294	247	185	771	8"	8" x 8" x 15'	82.0%	145	1.75-70°B

- 1) Burner input is based on an oil heating value of 140,000 Btu/gal.
- 2) MBH = 1000 Btu per hour [Btu = British Thermal Unit].
- 3) Net AHRI Steam Ratings based on piping and pick-up allowance of 1.333. Consult manufacturer before selecting boiler for installations having unusual piping and pick-up requirements, such as intermittent system operation, extensive piping, etc.
- 4) Heating Capacity and AFUE based on 13.0% CO<sub>2</sub> with -0.02" W.C. draft over fire and #1 smoke or less. Tested in accordance with U.S. Department of Energy.

www.pennco boilers.com



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All specifications subject to change without notice.  
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