



The BIASI SG PRO SERIES



*Triple Pass Mid Mass Cast Iron Boiler
Oil and Gas Flexibility
AFUE Efficiency of 87%
Hydrostat 3250Plus Touch Panel Control
Limited Lifetime Warranty on Cast Iron Boiler*



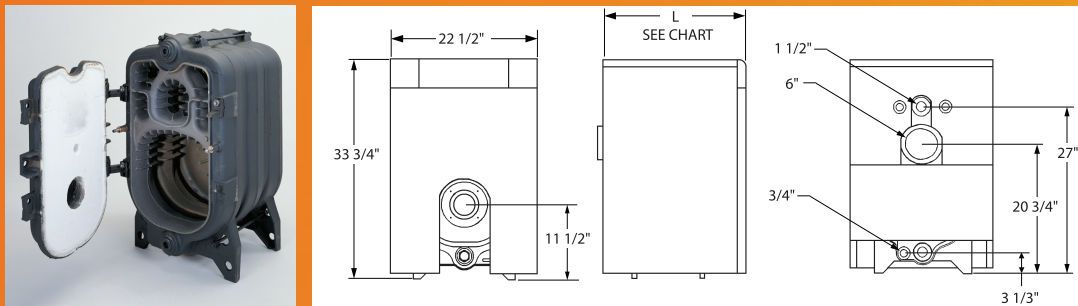
The BIASI SG PRO SERIES

The BIASI SG PRO SERIES is a triple pass cast iron design which enables fuel to be burned more efficiently while reducing emissions of NOX. The SG's heat exchanger re-circulates exhaust gases to cool the burner's flame, resulting in less pollutants, lower emissions, and reduced heat and hot water costs. The SG PRO SERIES is approved for oil and gas burners. Output ranges from 109-257 MBH.

The Hydrostat 3250 Plus Touch Panel Control offers outdoor reset that further increases fuel savings. You also have the ability to fine tune the boiler in realtime with "Plug & Play" cabling and a user-friendly touch screen.

The SG PRO SERIES is designed for heavier systems such as radiators or radiant floors. It is easy to install and maintain since the piping and safety components are hidden behind the boiler. You have easy access to the control panels, burner, and heat exchanger that are located in the front of the boiler.

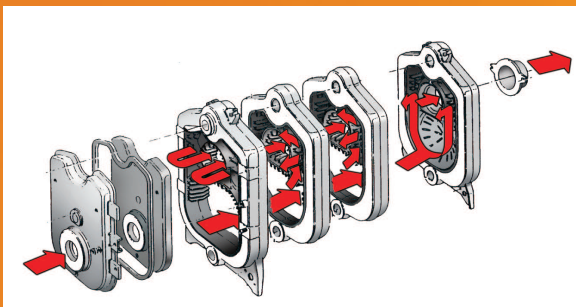
The SG PRO SERIES is supplied with a limited lifetime warranty.



BIASI SG SERIES

Boiler Model #	Sections #	Gross Input Burner Capacity		Heating Capacity		Net Output Oil (MBH)	Efficiency		Water Content (Gal.)	Length (Inches)	Weight (Lbs.)
		OIL (GPH)	GAS (MBH)	OIL (MBH)	GAS (MBH)		OIL (%)	GAS (%)			
SG 3	3	.91	140	109	123	95	87	84	7.7	21.8	341
SG 4	4	1.22	182	147	160	128	87	84	9.6	26.9	418
SG 5	5	1.52	224	183	201	159	87	84	11.3	32.1	506
SG 6	6	1.83	266	220	232	191	87	84	13.1	37.2	605
SG 7	7	2.14	315	257	272	224	87	84	14.9	42.3	704

(1) The burner input is based on oil with a heat value of 140,000 BTU/Gal. (2) The net output ratings shown are based on piping and pick-up allowance of 1.15 (3) The efficiency ratings are based on a combustion condition of 12.5% CO₂.



A 3-pass design is the most efficient way to get the maximum amount of heat from the fuel. It contains three times as much interior heating surface compared to a single-pass boiler.

Technical Advantages

- Reverse Flame Heat Exchanger Reduces Emissions
 - Corrosion Resistant GG20 Cast Iron
 - ASME Rated to 58 PSI
 - Direct Vent Capability (Oil/Gas)
- Limited Lifetime Warranty on Boiler
- Hydrostat 3250Plus Touch Panel Control
 - High Limit Boiler Control
 - Low Water Cutoff
 - Boiler Reset

