



## High Efficiency Condensing Gas Boiler

- **92.5% AFUE Condensing Gas Boiler**
- **Output Modulates from 28,800 to 112,500 BTU/Hr**
  - **ASME Certified Heat Exchanger**
  - **CSA Approved**
  - **LCD Display for easy diagnostics**



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# The Biasi Riva Advance .....

## A High Efficiency, Condensing Wall Mounted Boiler

The Riva Advance is a state of the art design, high efficiency, condensing 125 MBH wall mounted boiler from Biasi. Utilizing the newest, electronic reset controls to operate the integrated valve, pump & exhaust system as well as the modulating, pre-mix burner which fires into an ASME Stainless Steel boiler, the Riva Advance achieves a splendid combination of maximum fuel efficiency, outstanding comfort and ease of installation. Achieving an AFUE rating of 92.5%, makes the RIVA Advance boilers amongst the most efficient available providing:

- Significant fuel savings
- Low NO<sub>x</sub> emissions
- Superb performance and reliability

The Riva Advance is available in two models. The Combi model provides both heat and domestic hot water (up to 4.5 gpm) through an instantaneous, flatplate DHW heater. The SV model provides space heat and has an internal, 3 way diverter valve which can be piped and wired to an indirect DHW tank for efficient domestic water production.

Replacing an older boiler with RIVA Advance will produce up to a 40% fuel savings and improved comfort conditions in the house. The Riva Advance compact design makes it suitable for installation in small places. Each boiler is provided with an outdoor sensor for weather responsive control of your house's heat. This sensor will automatically adjust the boiler temperature based on the outside temperature. On warmer days, the boiler water temperature will be automatically reduced since the building heat loss is less.

Known for their engineering and constant research and development, Biasi produces the safest and most efficient boilers and radiators on the market. You will not find a better value than the RIVA Advance from any other wall mounted boiler available on the market.



### Technical Advantages

- Stainless Steel ASME Certified heat exchanger
- CSA Certified
- Natural Gas or Propane compatible (comes set up for Natural Gas w/ LP conversion kit included in the boiler packaging)
- Gas valve and fan modulation - provide high efficiency throughout firing rate
- Self contained: all parts internalized
- Electronic spark ignition
- Versatile venting options: Concentric or separate systems available, certified with Polypropylene or PVC pipe.
- Built-in outdoor reset weather responsive control
- Circulator and Expansion Tank Installed

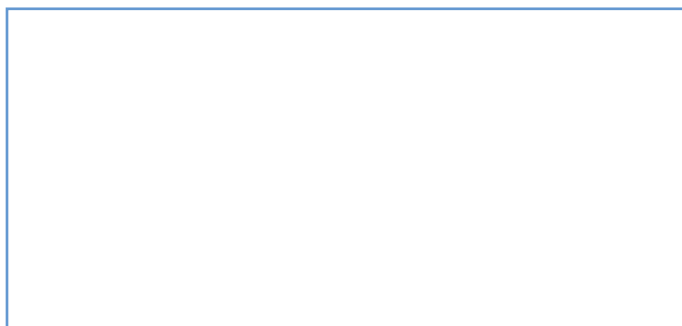
### Safety Features

- Frost protection system
- Self diagnostic LCD display control system
- Safety flow switch to prevent thermal shock in the event of low/no water in the heating system
- Internal high limit control
- Blocked flue pressure switch
- Circulator protection if the boiler is idle for 24 hours
- Condensate trap with safety lock out

### Warranty

- 2 years complete
- 10 years on the primary heat exchanger

Model	Gas Input (BTU/HR)	Min Output (BTU/HR)	Heating Capacity (BTU/HR)	AFUE	DHW Output (gpm)	Width (inches)	Height (inches)	Depth (inches)	Weight (LBS)
RIVA Advance SV	125,000	28,800	112,500	92.5	N.A.	15.7	31.6	13.8	109.5
RIVA Advance Combi	125,000	28,800	112,500	92.5	4.5 @ 45°F rise 3.8 @ 54°F rise 3.2 @ 63°F rise 2.8 @ 72°F rise	15.7	31.6	13.8	119.5



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