

# *The BIASI RIVA Plus*

*A Condensing Wall-Mounted Boiler with Recuperator*



- **90% AFUE Condensing Gas Boiler**
- **Utilizes Recuperator Technology™**
  - **ASME Certified Heat Exchanger**
  - **CSA Approved**
- **Output Modulates from 41,600 BTU to 103,000 BTU**
  - **Versatile Venting Solutions**
  - **Wall-Mounted**
  - **Approved for Plastic Venting**
- **Outdoor Reset Temperature Control**

**QHT**  
*The New Style of Warmth*

**RIVA**  
**PLUS**

# The BIASI RIVA Plus... A Condensing Wall-Mounted Boiler with Recuperator

The RIVA Plus Boiler offers a unique condensing technology that increases the efficiency of the RIVA Compact and Combi Boilers to 90% AFUE. With the inclusion of a recuperator, the RIVA Plus can extract the remaining heat from the boiler's exhaust gas and transfer that heat into the return water destined for the boiler's primary heat exchanger. The recuperator guarantees higher efficiency and set-up simplicity. RIVA Plus is the only condensing wall-mounted boiler to offer this technology.

The RIVA Plus Combi version is equipped with a flat plate heat exchanger which heats your domestic water whenever you open the hot water taps. The high efficiency design eliminates all the standby losses associated with storage tank water heaters.

Both RIVA Plus Combi and Compact Boilers maintain a constant high efficiency in both high and low temperature heating systems. Utilizing Biasi's Ecostyle panel radiators, which heat at low water temperatures, will further increase efficiency by decreasing the average temperature of your heating system.

The RIVA Plus Series provides increased efficiency along with safety, simplicity, and reliability for your home.



## Technical Advantages

- Aluminum recuperator
- ASME certified heat exchanger rated at 43.5 PSI
- CSA certified
- Natural gas or propane compatible
- Gas valve modulation
- Self contained: all parts internalized
- Electronic spark ignition
- Versatile venting options: separate or concentric systems available, plastic or metal
- Built-in weather responsive control

## Safety Features

- Frost protection system
- Self diagnostic control system
- Safety flow switch to prevent thermal shock in the event of low/no water in the heating system
- Internal high limit temperature 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

## RIVA Plus Specifications

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 Plus Compact	116,000	41,600	103,000	90%	N.A.	15.8	31.6	13.8	96
RIVA Plus Combi	116,000	41,600	103,000	90%	2.75 @ 70° rise	15.8	31.6	13.8	110



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