



The BIASI RIVA ADVANCE Condensing Boiler



- 91.5% AFUE Wall Mounted Gas Boiler
- Output Modulates from 28,800 to 114,000 BTU/HR
- Versatile Venting: Concentric and PolyPro
- Integrated Electronic Control with LCD Display for Easy Diagnostics
- DHW Flatplate Combi Available
- Internal Circulator



The BIASI RIVA ADVANCE, rated at 91.5% AFUE, is a stainless wall mounted condensing boiler.

The ADVANCE is available in two models:

The CV provides efficient space heat and has an internal 3-way diverter valve which can be piped and wired directly to a external indirect DHW tank for increased domestic hot water demands without using extra controls.

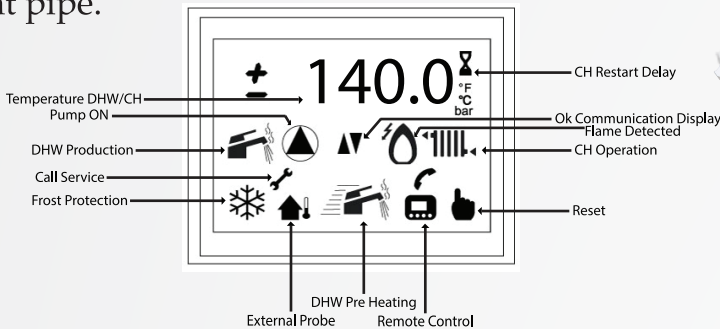
The CM Combi provides both heat and domestic hot water (up to 4.5 gpm) through a built in instantaneous flat plate DHW heat exchanger.

Both ADVANCE models are supplied with pre-wired and piped components operated by an integrated controller with outdoor reset. The boiler is available with a low loss header for easy connection to a primary loop.

Versatile venting options, Polypropylene venting or Biasi’s metal sheathed coaxial vent pipe.



The RIVA Advance Combi



Technical Advantages

- Stainless Steel ASME certified heat exchanger
- Natural Gas or Propane Compatible (comes set for Natural Gas). Also includes conversion kit in the boiler packaging)
- Gas valve and fan modulation
- Self contained: all parts internalized
- Electronic spark ignition
- Versatile venting options: concentric or separate systems available, certified for Polypropylene or CPVC
- Built-in outdoor reset control
- Circulator installed
- 3 Way valve for DHW tank operation

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 manual reset 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)
M210.32 CV	125,000	28,800	114,000	91.5	N.A.	15.7	31.6	13.8	109.5
M210.32 CM	125,000	28,800	114,000	91.5	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