KAPPA
BOILER SYSTEM

The BIASI KAPPA Series Cast Iron Boiler

- *86% AFUE Cast Iron Atmospheric Gas Boiler*
- *Outputs from 95,800 to 188,000 BTU/HR*
- *Low-Mass, Wet Leg*
- *Limited Lifetime Warranty*

QHT INCORPORATED
The New Style of Warmth

The BIASI KAPPA is a wet leg cold-start, atmospheric gas boiler with a unique and high quality, GG20 Cast Iron heat exchanger. The boiler is encased in thick layer of insulation to reduce heat loss, noise and running costs. These features enable Kappa to supply heat quickly to the heating zones and hot water tank resulting in reduced fuel usage. ASME and CSA certified for safety, fuel efficiency and durability.

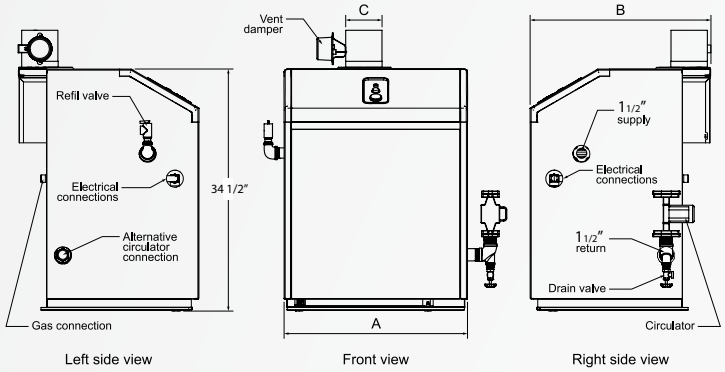
Utilizing "Lo-NOx" multigas, stainless steel burner with intermittent pilot combined with electronic reset, the KAPPA will reduce your home's fuel bills while lowering emissions of harmful pollutants.

The BIASI KAPPA is easy to install with supply and return fittings on both sides. The front and top casing panels have "push pins" for easy casing removal to expose the burner and control panel. The electrical, safety, and control devices are housed in the control panel.

The BIASI KAPPA boiler has a pre-wired control panel including operating and alert lights.

The HW S9361 controller manages all components including the motorized stack damper, BR 8204 valve and regulator, temperature limit, circulator, purging, and reset functions.

You'll enjoy confidence from the KAPPA boilers Limited Lifetime Warranty.



Technical Advantages

CSA Listed
Supply and Return Piping From Either Side
Wet Leg Heat Exchanger Design
ASME Rated to 58 PSI
GG20 Cast-Iron Construction
Limited Lifetime Warranty on Boiler Block
Industry Standard Components

Technical Components

SS Burners
Intermittant Electronic Pilot Ignition
Honeywell S9361 Controller
HWBR 8204 Gas Valve and Regulator
Motorized Stack Damper
Circulator
Standard Boiler Trim

Warranty

- Limited Lifetime Warranty

Boiler Model #	QTY of Sections	Gross Input Burner Capacity GAS (MBH)		Gross Output (MBH)		Net Output (MBH)		Efficiency GAS (%)	Dimensions (inches)			Water Content (Gal.)	Weight (Lbs.)
		Natural	Propane	Natural	Propane	Natural	Propane		A	B	C		
K-27R	4	106	94	91	80	79	70	85.5	19 3/4	25 3/4	5	3.3	249
K-35R	5	141	125	121	107	105	94	85.5	19 3/4	25 3/4	6	4.0	308
K-44R	6	177	157	151	134	132	117	85.5	25 3/4	25 3/4	6	4.6	367
K-53R	7	213	188	182	161	159	141	85.5	25 3/4	25 3/4	7	5.2	427