

ULTRATEC HIGH EFFICIENCY SERIES



ULTRATECH HIGH EFFICIENCY SERIES

- Save fuel costs
- Multi-fuel capability
- Fully condensing
- Carbon emissions reduction
- 5 year warranty
- Patented and fully certified
- Designed for straightforward installation
- Easy maintenance
- Low standing losses
- Packaged with a modulating burner and micro-modulating control system

Patented technology: Patent Numbers GB2552523 and US10760820

The **BKBD Ultratech high efficiency series** delivers maximum efficiency solutions for modern plant rooms. Our patented fully condensing boiler range is a world-leading engineering masterpiece in thermal efficiency and comes with a fully modulating, low NOx burner and an award-winning, micro-modulating control system.



SAVE FUEL COSTS

Maximum efficiency design generates fuel savings of 10% over conventional boilers based on an 80/60 flow and return equals 107% efficiency.

MULTI-FUEL CAPABILITY

Flexing to your needs, BKBD boilers fire on gas, oil or with dual fuel applications. Both the burner and the boiler are hydrogen ready.

FULLY CONDENSING

Engineered as a four path watertube with a unique tube profile design, all boilers are 100% condensing at 90°C with 11% differential.

CARBON EMISSION REDUCTION

Drive your sustainability agenda with a low emissions, fully modulating burner with low NOx at 3% O₂.

5 YEAR WARRANTY

Given to its natural corrosive resistance, the heat exchanger is manufactured from 316L Stainless Steel which enables us to provide you with a five year warranty.

PATENTED AND FULLY CERTIFIED

The BKBD boiler range is patented in the UK and USA. It is also CE, UKCA and ASME approved.

DESIGNED FOR STRAIGHTFORWARD INSTALLATION

Specifically designed with a minimal footprint, the range is easy to install – boilers up to 1 MMBtu/hr even fit through standard doorways.

EASY MAINTENANCE

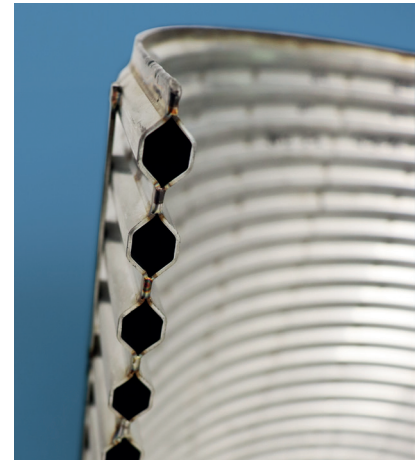
The unique parallel flow four pass tube profile design and manufacture from 316L Stainless Steel guarantees corrosion resistance, longevity and minimal service costs.

LOW STANDING LOSSES

Our standing losses measure at an impressive 0.06%, thereby driving efficiency.

UNIQUE TUBE PROFILE DESIGN ENSURES MAXIMUM HEAT TRANSFER

A generous heat transfer surface area for specified heat input allows for maximum heat transfer through the heat exchanger, whilst maintaining low NOx emissions throughout the ring range. Designed with a parallel flow four pass unique tube profile design, it generates a useful heat efficiency in excess of 97%.



PACKAGED WITH A MODULATING BURNER AND MICRO-MODULATING CONTROL SYSTEM

As standard, the Ultratec boiler range is offered with a high efficiency, fully modulating burner and control system. A high turndown burner with guaranteed O₂ emissions of 3% ensure that the burner and boiler combination is operating at high efficiency, providing maximum fuel savings and ensuring that minimal emissions are released into the atmosphere.

RANGE

The Ultratec fully condensing boiler range includes 8 different models with outputs ranging from 0.5 to 6 MMBtu/hr (147 – 1758kW).

A GUARANTEED ROI

Our Tech Centres will conduct an energy audit using our Emissions Calculator software. We can tell you your current performance and how it compares with projected emissions, fuel usage and overall energy savings generated by the installation of a BKBD boiler package. You will know when you can expect to achieve ROI and start generating savings.

Speak to our team for more information or to request an energy audit.

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Fully operational demonstrations are available on request at our training facility in Biggin Hill, London, U.K.