



ULTRATEC HIGH EFFICIENCY SERIES



WHERE POWER MEETS PRECISION

Efficiency Redefined Fully condensing hot water boilers for commercial and industrial applications.



97%
TOTAL
EFFICIENCY

25%
TYPICAL
ENERGY
SAVINGS

100%
HYDROGEN
FIRING



0.06%
STANDING
LOSSES



100%
CONDENSING
AT 90°C
with 11°C differential

10%
CARBON
EMISSIONS
REDUCTION

A BKBD boiler is a turnkey solution for commercial and industrial plant rooms. Perfect for retrofitting in small spaces and new applications of all sizes, BKBD boilers lower fuel bills, reduce carbon emissions, and can improve energy ratings. The suite includes a low NOx burner and a micro-modulating control system.

Expert Installation & Fact-Based ROI
Our trusted, local partners can conduct an energy audit as part of a quote. Using current energy usage figures and emissions readings, you can get a fact-based ROI for a BKBD boiler installation.



25% Typical Energy Savings

Our maximum efficiency design delivers 10% fuel savings compared to standard boilers, with an 80°C / 60°C of flow and return. Also, our standing losses are minimised at a mere 0.06%. Combined with a low NOx burner and a micro-modulating control system, a BKBD boiler delivers typical energy savings of up to 25%.

Multi-fuel & Hydrogen firing

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

Low Emissions & Compliance

Drive your sustainability agenda with a low NOx, fully modulating burner that guarantees 3% O₂ throughout the firing range, while the micro-modulating control system ensures easy adherence to compliance regulations. Both are included in the BKBD suite.

Designed to fit into Existing Systems

Engineered as a four path watertube with a unique tube profile design, all boilers are 100% condensing at 90°C with an 11°C differential on any existing or new system.

Easy Installation & Maintenance

The range is easy to install, with units up to 293kW seamlessly fitting through standard doorways. Thanks to material choice and their unique design, BKBDs require minimal maintenance.

5 Year Warranty

Given 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 & Approved Technology

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

Range

BKBDs are available in eight models, with outputs ranging from 147 to 1758kW.



Scan the QR Code to get the full technical details of each model.



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**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 South East London.

Patented technology;
Patent Numbers GB2552523 and US10760820

