



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 194°F  
with 20°F 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 176°F / 140°F of flow and return. Also, our standing losses are minimized 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% O<sub>2</sub> 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 pass watertube with a unique tube profile design, all boilers are 100% condensing at 194°F with an 20°F differential no matter the existing and new system

#### **Easy Installation & Maintenance**

The range is easy to install, with units up to 1MMBtu seamlessly fitting through standard doorways. Thanks to the 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 ASME approved

#### **Range**

BKBDs are available in eight models, with outputs ranging from 0.5 to 6 MMBtu



**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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Patented technology;  
Patent Numbers GB2552523 and US10760820

