



# Boiler Buying Guide

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Find the right design to suit your home

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**A&D** Plumbing  
& Services

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## Welcome to A&D Plumbing Services

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As leading specialists in the plumbing and heating industry, here at A&D Plumbing we specialise in the repair, servicing and installation of a range of boilers including Baxi, Grant and Worcester. During our 25 years' experience, our excellent customer service and keen eye for precision has made our central heating and boiler services highly sought after by local domestic customers.

Whether you are looking for a replacement boiler or require an entirely new heating system for your home, our boiler buying guide will help you find the right design to suit your central heating and hot water needs. When choosing between different boiler designs, you must carefully consider:

- ✓ **Size**
- ✓ **Reliability**
- ✓ **Type**
- ✓ **Output**
- ✓ **Construction**
- ✓ **Energy Efficiency**

This guide will help you decide which of the following boilers will provide enough water for your entire household, as well as generate the right degree of heat to keep your home at a comfortable temperature:

- Baxi Platinum Combi HE A
- Baxi Ecoblue Advance Heat
- Worcester Greenstar combi boilers
- Grant Oil Boilers

As a Gas Safe registered company, safety is paramount, which is why all our services are carried out by our fully trained engineers, giving you the peace of mind that comes with being in the hands of experts. We are also officially accredited for OFTEC and LPG boilers, so you are safe in the knowledge that we have the expertise to carry out all boiler services safely and efficiently.

**So, why wait? Have a browse through this informative guide and choose your new boiler today.**



# Frequently Asked Questions about Combi Boilers

## Q What size boiler do I need for my house?

**A.** Your Gas Safe registered installer will determine which boiler output you need by completing a thorough site survey at your property. While it is difficult to know what exact boiler size you will need for your home without viewing the property, as a rough estimate most flats, apartments and small houses which have up to 10 average sized radiators and 1 bathroom will require a 24-27kW combi boiler.

For a medium to large 3-4 bedroom house which contains up to 15 average sized radiators, 1 bathroom and an en suite, a 28-34kW combi boiler would be most suitable.

For a large house with up to 20 average sized radiators and 2 bathrooms, a 35-42kW combi boiler should be installed.

For properties where there is a higher demand for hot water, the higher the kW of the boiler, the better the water flow rate will be.



## Q What are combi boilers?

**A.** A combi boiler provides both central heating and hot water to a property, with the capability to heat water immediately when a hot tap or shower is turned on.

## Q Will I still need a separate hot water cylinder if I have a combi boiler?

**A.** A separate hot water cylinder will not be required, as a combi boiler provides heat for the central heating and heats water for your taps on demand. Therefore, there is no need for tanks in the loft or a hot water storage cylinder.





**Do all types of shower work with a combi boiler?**

**A.** Typically, most standard shower fittings are compatible with a combi boiler, but the water demand for a modern multi-jet shower may exceed this supply. Therefore, those with a pump assisted power shower will need to install a tank fed system.

It's also worth noting that combi boilers do not have the capacity to deal with 2 showers running at the same time in the same property, so a system boiler with an unvented cylinder should be considered in such cases.



**Are combi boilers economical to run?**

**A.** The premise of combi boilers is to only produce hot water when it's needed, making it very economical to run. For added efficiency, the design of the boiler ensures:

- ✓ Smooth operation
- ✓ Lower energy bills
- ✓ Fewer ignitions
- ✓ Better reliability



**In terms of energy efficiency, what does SEDBUK mean?**

**A.** Seasonal Efficiency of a Domestic Boiler in the UK (SEDBUK) is the national standard for the energy performance of different boiler types. SEDBUK is designed to provide a fair comparison of energy performance by using ratings labelled A-G, with A proving to be the highest rating as it shows at least 90% efficiency.

All boilers installed in the UK from 6th April 2011 must be greater than 88% SEDBUK (2009) or greater than 90% SEDBUK (2005) to meet industry standard.



**Can combi boilers be made even more efficient?**

**A.** Yes. You can further increase fuel savings by linking a new Baxi combi boiler to a Multifit GasSaver to capture heat which would otherwise be wasted.



# Baxi Platinum Combi HE A

**BAXI**

As a leading manufacturer of heating products for homes in the UK for nearly 150 years, Baxi promises to provide efficient heating and hot water to all customers.

As one of our top of the range boilers, the Baxi Platinum Combi HE A is a popular choice amongst homeowners for its reliable and energy efficient qualities. It carries an A rating (SEDBUK 2005) for exceptional energy efficiency, helping customers improve their green credentials while saving them money on their energy bills.

The Baxi Platinum Combi HE A provides an unlimited supply of hot water on demand directly from the mains without a need for a storage tank, making it ideal for smaller properties with restricted space. This model boasts an exceptional hot water flow rate of up to 16.4 litres per minute for high performance and user-convenience. The versatility of this boiler's design also enables the machine to adapt its output to suit the demand of the household, without switching on and off.

To give our customers extra peace of mind, our Baxi Platinum Combi HE A boiler comes with an impressive ten year warranty when installed before 31st December 2015, proving how confident we are in the quality of our goods. Please note: the warranty card found in the boiler's box may state a shorter warranty period than described here. Therefore, to qualify for the 10 year warranty, please discard this card and ask your installer to register the boiler online.

## Specifications:

Available in a range of outputs (24kW, 28kW, 33kW and 40kW) so there is a model to suit most sizes and styles of property

Exceptional hot water flow rate of up to 16.4 litres per minute

Adapts output to demand without switching on and off

Includes an easy to use built-in mechanical clock and filling loops

An exceptional 10 year warranty

A-rated energy efficiency (SEDBUK 2005)

**Type:** Combi

**Size:** W 450mm  
H 780mm  
D 345mm



# Baxi Ecoblue Advance Heat

**BAXI**

With a wealth of experience manufacturing efficient heating and hot water systems for homes throughout the UK, Baxi have released one of their most dynamic boilers to date: the Baxi Ecoblue Advance Heat. The benefits of this boiler include:

- ✓ Exceptional energy efficiency
- ✓ Stylish
- ✓ Compact
- ✓ Easy to use
- ✓ Economical to run
- ✓ Lightweight

Delivering on practicality and style, this Baxi boiler is available in a range of models and outputs to suit different properties and budgets. It offers the ideal replacement for your old standard boiler, with the option of a top or rear flue to make the replacement as straightforward as possible with minimal disruption to your home.

Similar to the Baxi Platinum Combi HE A, the Baxi Ecoblue Advance Heat boiler is a compact design, making it perfectly suited for homes where space is limited. In fact, weighing 20kgs it's the lightest boiler available in the UK, making it an extremely versatile option.

All components have been built using only the highest quality Baxi Genuine Parts, which is why we offer a 5 year parts and labour warranty as standard so you can rest easy knowing that our installation will stand the test of time.

## Specifications:

Available in a range of outputs (13kW, 16kW, 19kW, 25kW and 30kW) so there is a model to suit the heating and hot water needs of almost any property

Rear flue option for reduced boiler footprint, energy efficiency and an improved look

Compact size so it fits perfectly in homes where space is limited

No pump overrun required so it can be installed with minimum disruption

At 20kgs, it is the lightest boiler available in UK

Made with high quality Baxi Genuine Parts for reliability

5 year parts and labour warranty as standard (subject to registration and an annual service)



**Type:** System

**Size:** W 390mm  
H 700mm  
D 295mm



# Worcester Greenstar Combi Boilers



Highly rated by plumbers and knowledgeable tradesmen alike, the entire range of Worcester Greenstar gas boilers was recently awarded a Which? Best Buy in the 2014/15 report for the fourth year running. As the only boiler manufacturer to be a recipient of this Best Buy status, this range offers a plethora of features and benefits to ensure efficient operation and functionality.

The Worcester Greenstar CDi Classic gas boilers are specially designed to control both the hot water and central heating temperatures in a home, making them our top of the range combi boilers. No matter what size or shape your property is, the boilers featured in this range are perfect for any application, particularly larger properties with more than one bathroom.

An important feature of the Greenstar CDi Classic combi boilers is that they have the capability to condense, meaning they can extract more heat from the fuel they use than a standard boiler, so less heat is lost during the process.

Therefore, all our Worcester combi boilers are A-rated for greater energy efficiency and fuel savings.

The design of the Greenstar CDi Classic combi boilers includes:

- ✓ A new, low energy pump which helps save you money on electricity
- ✓ A feature to make re-pressurisation easier when your system needs refilling
- ✓ A feature which empties large amounts of condensated liquid down the boiler to prevent problems of freezing in extreme temperatures

The range of Worcester Greenstar CDi Classic gas boilers have a 5 year boiler guarantee as standard, with a 10 year guarantee on the primary heat exchange for complete peace of mind.

## Specifications:

A-rated energy efficiency (SEDBUK 2005)	5 year anti-scale guarantee on domestic hot water heat exchanger
Low energy pump now as standard saving you money on electricity	Hot water and central heating temperatures can be controlled
5 year boiler guarantee as standard (T&Cs apply)	Suitable for Worcester smart controls such as the Wave
10 year guarantee on primary heat exchanger	Which? Best Buy winners



**Type:** Combi & System available

**Size:** Range Varies







# Grant Vortex Condensing Oil Boilers

Grant have been manufacturing award-winning, reliable heating systems for over 35 years, combining innovative ideas with precision engineering for quality boilers which are second to none.

Unlike traditional oil-fired boilers, the Grant Vortex condensing boiler range features a built-in stainless steel heat exchanger which is specially designed to recover the heat which is usually lost through the flue system, so it can be extracted.

By working at exceptionally high efficiency levels, condensing boilers produce cool flue gas temperatures which causes a plume of vapour to appear, indicating that the system is working efficiently.

The additional energy which is captured during this process allows the boiler to operate for an unlimited amount of time at much higher efficiency levels, meaning heating and water running costs are reduced.

With the highest energy efficiency rating in the UK, the Grant Vortex range has helped thousands of households across the UK reduce their annual energy bills. The boilers offer exceptional eco-friendly benefits, such as:



- ✓ Reduces greenhouse gas emissions
- ✓ Lessens the impact of domestic hot water and heating systems on the environment
- ✓ Has the capability to work with renewable energy technologies such as solar thermal collectors

For complete customer satisfaction, the unique heat exchanger on the Grant Vortex condensing boilers is covered by a 5 year guarantee, and all other component parts of the boiler are guaranteed for 2 years from the purchase date.

## Specifications:

The Grant Vortex range has the highest energy efficiency rating in the UK

H&V News Domestic Product of the Year 2003 (Vortex range)

H&V News Training Initiative of the Year 2004 (Training Academy)

Which? Best Buy Boiler 2008 (Vortex Combi Pro 26)

Multi-Directional flue options

Stainless steel heat exchanger

OFTEC Best Member Website 2014

Exceptionally quiet operation

SAP 2009 seasonal efficiencies of 90.3% - 91.6%

Simplified casing, control panel and pipework arrangement

**Type:** Combi  
Condensing

**Size:** Range Varies

## Contact Us

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We hope you have found this guide helpful when deciding which boiler design will best suit your property, requirements and budget. To learn more about how your home can benefit from one of our boilers, or to arrange a visit from one of our fully qualified engineers, don't hesitate to get in touch. Simply give us a call or, alternatively, you can email us with your query - we cover a wide area including Cambridgeshire, Suffolk and Essex.

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