



**TRIANCO**  
BRINGING HEAT TO LIFE

## Aztec Electric Heating Solutions



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# Aztec Instant Water Heater

Our Aztec Instant Hot Water Heaters are a simple solution when hot water is required but only a cold water supply and electricity is available.

Our small compact units with touch screen control combine 'state-of-the-art' looks with performance, available in 8 and 12kw versions. Endless constant hot water has never been easier to obtain.

### Aztec Instant Water Heater features:

- Instant electric water heater
- On-demand hot water - never runs out
- Reduces water heating costs by as much as 50%
- Compact design saves space
- Unique gloss front cover, water splash proof and corrosion resistant
- Direct temperature setting, automatic thermostat, constant hot water, automatic memory function avoids repeated operation
- LED widescreen touch display screen for setting the temperature and outlet temperature. Power consumption and water consumption display
- Auto-detection fault codes displayed on screen



### Dimensions & Specification

Model	Output kW	Depth (mm)	Width (mm)	Height (mm)	Weight (Kg)	Water Content (L)
Aztec Water Heater	8	50	255	395	4	0.5
Aztec Water Heater	12	50	255	395	4	0.5

### Energy Consumption



**With the increasing desire to combat climate change, the UK is moving to electric energy to heat homes and businesses.**

**Trianco has evolved the Electric Aztec Range to support this change and meet demand.**

### **What is SAP?**

The Standard Assessment Procedure (SAP) is the UK government's recommended method system for measuring the energy rating of residential dwellings. The first version was published in 1995, and was replaced by newer versions in 1998, 2001, 2005, 2009 and 2012. An updated version (SAP10) is imminent.

### **What will change with SAP10?**

Since the last SAP update in 2012, there's been a huge clean up on electricity generation. Wind and solar farms are more common place, so much so that the average CO2 factor from the UK's electricity grid has halved in just six years.

We're spending more time out of our homes and therefore using less energy to heat them. Wifi and App controlled heating systems are becoming a more popular way to remotely manage heating and energy use in the home.

Changes to the electricity related CO2 emissions in SAP10 are significant – reducing from 519g CO2/kWh to 233g CO2/kWh, only slightly higher than mains gas (210g). Currently SAP2012 assumes any electricity used in the dwelling produces 2.4 times the CO2 emissions of mains gas – this is because it uses an outdated carbon factor which does not reflect the energy mix of the UK grid.

In the UK, there are over 4m households without access to mains gas; over 2m households use electricity for heating. As the electricity grid becomes greener with increased use of renewables, it is inevitable that electric heating will become the cleanest heat source, enabling the move towards zero carbon.

Once more, developments with District heating systems will see a big drop in SAP performance as a holistic approach to the system is taken. Currently heat losses DHNs are assumed from 5-20%, SAP10 assumes 50% heat losses without evidence to prove otherwise.

From 2025, gas boilers cannot be used in new build development meaning the future of electric heat has never been brighter.

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# Aztec electric boilers have powered thousands of homes across the UK over the years and remain one of the most popular ranges available in the Trianco portfolio of heating products.

Designed with precision and engineered to perfection, the range is produced to a superb standard. Aztec is the preferred choice for many households that have no mains gas supply or are seeking an alternative to fuels such as oil or LPG.

Aztec boilers have minimum noise levels and efficiencies of 99.8%, they can work effectively alongside renewable technology and provide ample supply to radiators, just like any other conventional boiler.

## Typical Applications



Family Homes



Holiday Homes & Caravans



Apartments & Flats

## ERP approved

All Aztec electric boilers and the Easyfit cylinder are ERP approved. ERP is an 'Energy related products' regulation, designed to label products that meet the criteria put in place to meet European emission and carbon reduction targets for 2020.

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Brochure production date 29 August 2019 - v1.



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