

High Temperature Air Source Heat Pump vs Aged Gas Boiler

Nicola had an aged gas combi boiler struggling to achieve more than mild temperatures for domestic hot water and was intermittently failing. Whilst the heating was working ok, it was time to consider replacing the boiler.

A quote for a new boiler from their previous installation company was **£3,519.34**. Realising that this was **too expensive for them with the currently cost of living crisis**, Nicola explored options after hearing of the **Boiler Upgrade Scheme**.

The Challenge

- ✓ Provide adequate heating without increasing their energy bills.
- ✓ Provide a heating system that is affordable.

The Solution

Heat Pump Installers UK conducted a site survey and determined that they could meet the space heating and hot water requirements **at a lower cost than a gas boiler** by installing a high temperature heat pump.

By installing a **high temperature heat pump**, the initial cost could be reduced as no radiators would need to be replaced. Nicola can then upgrade her radiators over the coming years and **reduce her flow temperature for additional savings**.

The Heat Pump solution was offered to Nicola for **£10,000.00** meaning she only had **£2,500.00** to spend and **£7,500.00** was paid for by the **Boiler Upgrade Scheme**.



A high temperature heat pump can produce the same temperatures as a fossil fuel boiler. Most heat pumps cannot achieve this so you may need to upgrade the radiators in your house.



The Outcome

Nicola chose to install the high temperature heat pump and loves that she now has a fully working heating system. As a bonus she is also reducing her carbon footprint.

In total Nicola **saved herself around £1,000.00** against the cost of replacing her gas boiler and has realised her house is now a constant temperature without needing to constantly change the thermostat.



The Results

	Gas	Heat Pump
Cost	£3,519.34	£2,500.00
Annual Bills (Total)	£278	£226

As Nicola is running her heat pump on **Weather Compensation**, she finds that majority of the year she can reduce the flow temperature and the high temperature capability is only required in the depths of Winter.

By controlling her heat pump with **low temperatures**, when possible, she has proven savings against her old gas boiler.

For more information on high temperature heat pumps, please visit www.heatpumpinstallersuk.com or call us on 0800 2 70 70 80.

