



The Warrington Family, Swinton



New Daikin gas boiler set to 'condense' family's heating costs

Completion of a major upgrade to a suburban semi-detached house in Greater Manchester provided a golden opportunity for replacing its boiler with the latest gas condensing boiler technology.

For the Warrington family of Swinton, the choice of Daikin's wall-mounted combi boiler means efficient and economical production of hot water for heating and washing. And the new A-rated boiler is much quieter than its predecessor, installed when the family of four moved into the house about 15 years ago.

Owner Steve Warrington says the renovation project turned the 'fairly standard' three bedroom, one bathroom house into a more spacious property with four bedrooms, an en-suite bathroom for the main bedroom and a much enlarged kitchen-diner downstairs.

"One of our objectives was to move the old boiler from its original position in the under-stairs toilet," he says. "It was still working

reasonably well, but it was not a condensing boiler. It had become noisy and it would probably have needed to be replaced within the next couple years.

"The new boiler is in the kitchen. Although it's easy on the eye, we decided to put it in a dummy cupboard for a uniform design effect. It is easily accessible for future servicing."

Opting for a 35kW Daikin gas boiler means the family can rely on a domestic hot water flow rate of 13 litres a minute with a leaving temperature of 60°C – and central heating water at up to 90°C to ensure efficient heating in all rooms during even the coldest weather.

Year of installation

› 2019

Project requirements

- ☐ LT Split
- ☐ LT Mono
- ☐ HT Split
- ☐ Hybrid
- ☒ Combustion
- ☐ Smart Controls
- ☐ Solar Thermal
- ☐ UFH
- ☐ Heat Pump Convector

Installed systems

› 35kW Gas Condensing Boiler



Steve Warrington says:

"In our case we'll be looking for savings from the greater efficiency of the latest technology. It's too early to assess the full impact, but I am expecting lower energy bills – despite having an extra bathroom and a bigger house to heat."

The combi boiler operates only when hot water is needed, and is started either by an impulse from the heating thermostat or when someone turns on a hot tap. This system saves space because there is no need for a hot water storage cylinder and cuts costs by eliminating the need for 'topping up' water temperatures.

Daikin's new-generation high efficiency gas condensing boilers can be used for both combi or system applications. Advanced modulating control logic helps the boiler produce maximum output with minimal energy usage – and also ensures that its sound power level drops from the maximum 54dBA as soon as possible.

Daikin's gas condensing boilers with efficiencies up to 93% are also available in 24kW and 28kW versions. All models are suitable for natural gas or LPG and come with a standard two-year warranty with an option to extend to seven years.

Kit List

Code	Description	No of units
D2CND035A4A	35kW Wall Hung Gas Condensing Boiler	1

