

## Carbon Saving Group | Samsung Mono HT Quiet Case Study

Air source heat pumps provide an economical and sustainable alternative to fossil fuels to heat your home. They operate by utilising air to supply the system with 75% renewable energy, Installing a low-carbon heating system, such as an air source heat pump (ASHP), is the best way to future proof your home against rising energy prices.

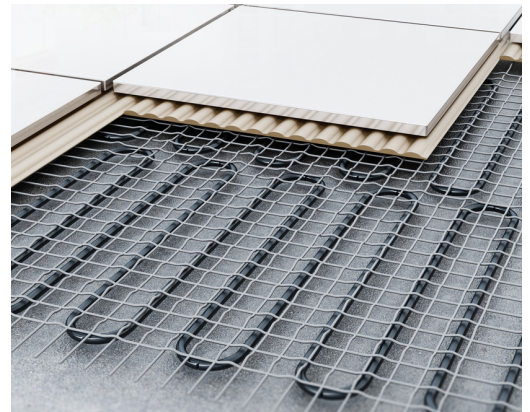
### Overview

On survey of the property, we found the the property was being heated by an old inefficient gas boiler. The homeowner wanted to update the system to a new efficient renewable one.

We installed a new Samsung Mono HT Quiet Heat Pump with a new hot water cylinder and programmers, alongside the existing underfloor heating system. This alone increased the property energy performance rating from D to C. Additional renewables, such as Solar Panels would improve the efficiency further.

Score	Energy rating	Current	Potential
92+	A		
81-91	B		89   B
69-80	C	78   C	
55-68	D		
39-54	E		
21-38	F		
1-20	G		

### Samsung EHS Mono HT Quiet



The brand new Samsung EHS Mono HT Quiet air source heat pump is a very quiet and efficient system. The heat pump holds the Quiet Mark Certificate for it's excellent in acoustic design and an A+++ energy efficiency rating. This makes it ideal for customers in high residential and business areas. See below a comparison of the old ESH and new ESH model specifications.

	EHS Mono - 080RXYDEG	ESH Mono HT Quiet - 080BXYDEG
Heating Capacity	8kw	8kw
Sound Level	50dBA	35dBA
Size	880x310x798mm	1270x1018x530mm

**Contact us** for further information or to book a free home survey.

