

Air Source Heat Pump | Samsung 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 that the period style property was being heated by an old air source heat pump. The homeowners wanted to update the system for a newer more energy efficient one.

We installed a Samsung monobloc air source heat pump with new radiators, programmers, and thermostats to improve the efficiency of their system from an F to D rating. This scenario highlights the importance of ensuring the entire system is considered to guarantee a higher efficiency and savings possible.

Score	Energy rating	Current	Potential
92+	A		
81-91	B		
69-80	C		
55-68	D		66 D
39-54	E		
21-38	F	31 F	
1-20	G		

Samsung Monobloc - Air Source Heat Pump



The Samsung EHS Monobloc air source heat pump is a low noise and compact system. It is up to 40% smaller than most competing models in the market, making it the perfect solution for smaller residential and business properties.

	AE080RXYDEG
Heating Capacity	8kw
Sound Level	50dBA
Weight	76kg

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



APPROVED INSTALLER

