

Case Study

Residential house



Miller Installations finds Smith's Eco-Powerad® solves air source heat pump challenge.



The Client

Miller Installations, Norfolk is a family-run business, established for over 30 years providing plumbing and heating services and renewable energy solutions.

The Challenge

In Norfolk many properties do not have access to mains gas, relying on expensive oil heating, delivered annually to homes. Mr & Mrs Norfolk's home had an old oil-powered boiler and radiators that struggled to successfully keep the solid wall home sufficiently warm.

The couple were looking for an alternative heating system that would improve the quality of their lives and reduce their heating bills.

The Solution

Miller Installations recommended an air source heat pump paired with Smith's Eco-Powerads® in all downstairs rooms. They had considered alternatives, such as smart radiators but found them too expensive with too many unnecessary features and it made the project costs for customers unrealistic. Peter Miller had also seen domestic heat pump projects in solid wall homes where firms were recommending standard radiators with huge dimensions untenable for any ordinary living room.

Mrs Norfolk liked the look of the Smith's Eco-Powerads® and the couple were keen to choose a renewable energy source. The solid wall home already had reasonable insulation and double glazing. Once the heat pump was installed, it was able to operate at the lower water temperatures required to achieve its optimum efficiency because it was paired with the Smith's fan convectors.

The new heating system created a wonderfully warm home and they are already enjoying lower heating bills. Peter Miller commented, "I take tremendous pride in the work we do for our customers. We want to give them the best solution, with hard-working products that will deliver the warm, energy-efficient homes they're looking for. Smith's Eco-Powerads® have been a real hit with all our customers that have had them installed. It means we can offer a true solution, combining the best all-round affordable heat emitter on the market confidently and effectively with the air source heat pumps we supply."

The Products

Miller Installations uses Smith's Eco-Powerad® fan convectors in his domestic air source heat pump projects. The Eco-Powerad® is a contemporary fan convector compatible with any wet central heating system or low temperature renewable technology.

It is much smaller and lighter than the equivalent output radiator and like all Smith's products, comes with a free five-year warranty for parts and labour.

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Peter Miller | Miller Installations