



Low carbon heating system



Detached Bungalow in County Limerick.

Low carbon heating system

At initial planning stages the heating system for this project was a dilemma. Ashgrove's installers in the area, Mike & Conor O' Brien, came highly recommended to the client. He also considered an oil boiler with solar panels. The expense of filling the oil tank and also the idea of covering the roof with solar panels turned him off the idea. The possible theft of

oil was also a factor. Part L regulations were also a big factor in the decision. The clients found the ease of compliance with a Thermia heat pump extremely reassuring. He received other quotes for heat pumps but Ashgrove's quotation was the most competitive. Mike & Conor were very helpful with the decision also and were very informative and inspired great confidence in the Thermia system.



Kitchen



Thermia iTec 9 kW air source heat pump



Thermia iTec Total a 180 litre domestic hot water cylinder

"I'm very happy with the system. The consistent heat is great and the house is so comfortable I am delighted. I am starting another build in the near future and we will certainly be back to O'Brien Brothers and Ashgrove. Mike has been very helpful and is always contactable. It has been hassle free." – says Noel Costello

Investment that pays off

The running costs are low and the heat pump looks like a great fit for this home. The cost of the complete system; Air to Water heat pump, underfloor and all

controls, including the pressurized domestic plumbing system was €17,000. After Thermia Atec installation total heating cost is 605 Euro per year.

Ashgrove's team of experts specified, designed and sized the heat pump using Thermia Heat Pump Calculator software.

The unit was installed by Mike & Conor O'Brien of O'Brien Brothers Heating & Plumbing, one of Ashgrove's preferred installers throughout Ireland.

Fact Box

185sqm. bungalow built in 2016

Heated by all underfloor

Heat pump running since march 2017

9kW Atec air source heat pump with Total 180 litre cylinder

TOTAL HEATING COST IS ONLY 605 € PER YEAR!

Installed by Mike & Conor O'Brien of O'Brien Brothers Heating & Plumbing.

Ashgrove Energy - Renewable energy solutions



Ashgrove has been at the forefront of Renewable Energy Technologies since 1994, providing economical, environmentally friendly, and reliable solutions, with several thousand commercial and domestic projects already completed. Our offices in the United Kingdom & Ireland offer turn-key solutions in design, tendering, project management and

commissioning. Our greatest resource is our 20 years of experience and the superior engineering capability of our technical support team in addition to our highly skilled network of Ashgrove Installer Partners all over the United Kingdom & Ireland.

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