Air Source Heat Pumps: the Major Advantages by Julia Roger

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With energy prices soaring and greater emphasis being laid on lowering our carbon footprints, a majority of UK residents are actually looking at alternative solutions to heat their properties. Air source heat pump is one name that deserves to be mentioned in this context. Not only does it serve to conserve energy but saves a great deal of money as well.

Air source heat pump is a system that utilizes energy in the surroundings to generate heat. The heat generated is then used in underfloor heating or central heating systems. The pump retrieves air and gets it heated through compressor units. Although the pump requires electricity for functioning, it is more efficient than immersion heaters or boilers.

An Air source heat pump is generally available in two major varieties: one is the air to air pump and the other air to water pump. The latter is majorly used in hot water systems since they heat water which then gets transferred around and keep radiators warm. Air to air varieties produce hot air which is circulated to warm the property.

As discussed already, cost effectiveness is one of the major factors that make air source heat pump popular among people. In fact, being cheap, they are preferred more compared to a Ground source Heat pump. These pumps, it goes without saying, are much more efficient than traditional heating mechanisms. The bottom line is that air source varieties can guarantee optimum output in lieu of minimum usage.

As pointed out already, an air source heat pump works by drawing energy from the environment to produce heated air or water which then serves to keep the home warm. They may be cheaper compared to the ground source varieties, but will cost you more than traditional boilers. However, the good thing is, with air source pumps around, you can expect to enjoy long term benefits. And the way these items are scaling popularity charts, their prices, it appears, are likely to come down in near future.

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