

Air Conditioning

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[Heat Pumps](#)

Heat Pumps

Heating at home accounts for more than 60 per cent of a home's energy cost which makes them the best place to look for savings with spiraling energy cost.

Conventional Electrical HeatingSome conventional electrical heating can be 100 per cent efficient. If you put one kilowatt of electricity into an electric heater, you get one kilowatt of heat out. So, as long as the heat isn't being wasted, you may assume the only way to make savings is to turn the heater down.

Heat Pump v Conventional Electrical HeatingWith heat pumps, as an alternative form of electrical heating, it can give you more than 3 times the efficiency of a conventional electrical heating. This means, if you put one kilowatt of electricity into a heat pump, you get at least 3 kilowatt of heat out.

Inverter Heat PumpEven better is the Inverter heat pump which pumps out over three times more energy than the traditional heat pumps, in the form of heat, than they consume. Impossible? Not at all. The pump simply transfers the heat from somewhere else. They pump warm air from the air outside into the house - hence the term 'heat pump'.

How Does a Heat Pump WorkConventional heaters power is converted into heat whilst heat pumps power the pump that circulates the liquid through the system. It works the same way as your refrigerator. The heat pump in your fridge takes the warm air from inside the fridge and releases it outside which is why the back of your fridge is warm. And it continues to work even when the inside is colder than the outside.

The heat pump warms the home the same way. Even on cold days, the heat pump can extract warm air from the cold air outside and transfer it into a heated room, just as your fridge keeps extracting heat from your freezer even when it's below zero. The heat pump can still warm your home when the air outside is below zero degree.

Heat Pump also an Air ConditioningAs if that isn't enough, heat pumps can be 'reversed' to provide cooling on hot days in the summer. Say air conditioning to most people and they will think of big noisy boxes,

but they are a thing of the past. A modern inverter air conditioning runs as quietly as a desktop fan. At as low as 28 decibels, it's quiet enough to hear a pin drop.

Cost of Heat Pumps Heat pump uses electricity needed to run a one-bar heater and converts it into the heat output of a four-bar heater. Therefore the running cost is less than half that of gas or traditional electric heating.

Heat pumps cost more to install than conventional electric heaters but they pay for themselves with running costs that are about half those of gas or electric heating and less than a fifth of an LPG heater. Heating in winter, cooling in summer, they also filter the air to remove irritants like pollen and dust, see our [Plasma Air Conditioning](#) - and they work as dehumidifiers as well. You can save on costs of buying several different units, making a domestic heat pump air-conditioner a very cost effective package during the credit crunch.

Heat pumps' impact on the environment The heat pump is also less harmful to the environment. It doesn't produce any carbon dioxide emissions that contribute to global warming. Carbon dioxide and other gas and water vapour emissions are often regarded as a major drawback of solid fuel and gas heating.



Heat Pump Air Conditioning 2.1 kW (ECO701S)
£399.00 (incl 17.5 % vat)

Heat Pump with dehumidifying function Whisper quiet for a good night's sleep Room size up to 14 sqm, ideal for bedrooms [\[Product Details...\]](#)



Heat Pump Air Conditioning 3.5 kW (ECO1201S)
£429.00 (incl 17.5 % vat)

Heat Pump with dehumidifying function Whisper quiet Room size up to 30 sqm, ideal for small office & living rooms [\[Product Details...\]](#)



DIY Air Conditioning 9000 BTU (ECO902SQ)
~~£599.00~~ **£499.00 (incl 17.5 % vat)**
You Save: £100.00

HEAT PUMP AIR CONDITIONING DIY - Easy "2 click" connection, no specialist tool required Energy rating A/A Room size up to 24 sq meters [\[Product Details...\]](#)



DIY Air Conditioning 12000 Btu (ECO1202SQ)
~~£639.00~~ £539.00 (incl 17.5 % vat)
You Save: £100.00

HEAT PUMP AIR CONDITIONING DIY - Easy "2 click" connection, no specialist tool required Energy rating A/A Room size up to 35 sq meters [\[Product Details...\]](#)



Air Conditioning Mirror Flat Panel 9000 BTU - ECO930SD
~~£699.00~~ £649.00 (incl 17.5 % vat)
You Save: £50.00

2.6kW Mirror FLAT panel air conditioning Slim indoor panel only 16.5cm deep Inverter Technology - quieter, save more energy "A/A" Energy Rating Auto Clean Function" Follow Me Function [\[Product Details...\]](#)



Split air conditioning 18000 BTU (ECO1802S)
£699.00 (incl 17.5 % vat)

Heats, cools & dehumidifies Energy Rating "B" Turbo Mode for instant cooling & heating [\[Product Details...\]](#)



DIY Inverter Air Conditioning 9000 BTU (ECO906SQ)
£699.00 (incl 17.5 % vat)

DC Inverter Technology HEAT PUMP AIR CONDITIONING Easy "2 click" connection, no specialist tool required Energy rating A, whisper quiet Ideal for room size up to 24 sq meters [\[Product Details...\]](#)



Inverter Air Conditioning Mirror 12000 BTU Nouveau - ECO1230SD
~~£749.00~~ **£699.00 (incl 17.5 % vat)**
You Save: £50.00

3.5kW Mirror FLAT panel air conditioning Slim indoor panel only 16.5cm deep Inverter Technology - quieter, save more energy "A/A" Energy Rating Auto Clean Function Follow Me Function [\[Product Details...\]](#)



DIY Inverter Air Conditioning 12000 Btu (ECO1206SQ)
£799.00 (incl 17.5 % vat)

DC Inverter Technology HEAT PUMP AIR CONDITIONING HEAT PUMP AIR CONDITIONING DIY - Easy "2 click" connection, no specialist tool required Energy rating A/A Room size up to 35 sq mete [\[Product Details...\]](#)



Inverter Air Conditioning 12000BTU Premier (ECO1206SD)
~~£799.00~~ **£699.00 (incl 17.5 % vat)**
You Save: £100.00

Save 30 - 50% on energy with Inverter Air Conditioning Heating & Cooling Energy Rating "A"
[\[Product Details...\]](#)



Inverter Air Conditioning 12000BTU Premier PLASMA (ECO1208SD)

~~£899.00~~ £799.00 (incl 17.5 % vat)

You Save: £100.00

Inverter Technology PLASMA filters for pollen, dust, bacteria and virus Energy Rating A [\[Product Details...\]](#)



Btu Output : 24000 GAS : R410A

Split Air Conditioning 24000 BTU - ECO2402S

~~£949.00~~ (incl 17.5 % vat)

Heat Pump Air Conditioning Pre-Gassed System R410A Gas, [\[Product Details...\]](#)



DIY Inverter Air Conditioning 18000 BTU (ECO1806SQ)

~~£999.00~~ (incl 17.5 % vat)

DC Inverter Technology HEAT PUMP AIR CONDITIONING HEAT PUMP AIR CONDITIONING DIY - Easy "2 click" connection, no specialist tool required Energy rating A/A Room size up to 50 sq met
[\[Product Details...\]](#)



Twin Split Air Conditioning 3.5kW +2.6 kW PLASMA (ECO2105S)

~~£1 099.00~~ £899.00 (incl 17.5 % vat)

You Save: £200.00

Heat Pump System with dehumidifier function 1 Outdoor Unit to 2 indoor units Both indoor units are fitted with Plasma Filters Zero Ozone Depleting Gas R410A [\[Product Details...\]](#)

