

AIR SOURCE HEAT PUMPS

What are they?

Air source heat pumps extract heat from the air and upgrade it to a higher temperature to be used in the home.

Why install?

Running costs are much less.

Typically costing one third to half as much per unit of energy produced.

Environmentally friendly

Reducing harmful emissions by 60% - 80%.



How does it work?

1. The unit extracts heat at a low temperature from the outside air.
2. Using electricity, it then upgrades the heat to a temperature suitable for central heating.
3. Larger radiators or underfloor heating help increase the performance of the heat pump.

Worth noting:

Air source heat pumps are increasingly popular for domestic homes, but water and ground source heat pumps also exist. Find out which technology is best suited to your home.

Heat pumps require electricity to work.

Good insulation and draft proofing is advised to increase the performance of your heat pump system.

The main system includes an outdoor unit and a large indoor storage cylinder.

Check list:

- Make sure your site is suitable.
- Check if there are any grants available.



LECo
Local Energy Communities



Northern Periphery and Arctic Programme
2014-2020



EUROPEAN UNION
Investing in your future
European Regional Development Fund