

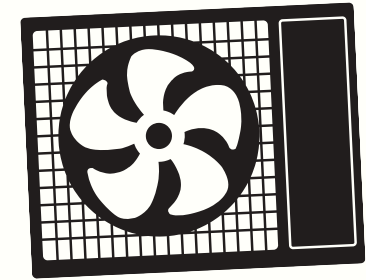


# MYTHBUSTING



## Heat pumps

## **Myth 1: Heat Pumps aren't suitable for every kind of home**

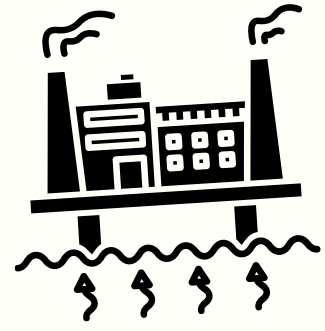


Newly trained heat pump installers generally believe that Heat pumps are not suitable for older homes or that they just aren't right for their clients.

This is one of the largest barriers to their uptake among installers.

Living proof against this myth is found in the Electrification of Heat demonstration project. This project installed 742 heat pumps in different properties in different regions, showing that they are suitable for all property types.

## Myth 2: Heat Pumps are the only clean heating solution



Heat Pumps are a fantastic technology. But they're not the only solution.

Other solutions include district (network) heating, solar thermal or geothermal.

District heating offers another good solution to heating where heat pumps aren't used. New heat networks are being used, trialled and scoped out by Local Authorities in the UK, such as Aberdeen and Leeds. This is being encouraged by the Heat Networks (Scotland) Bill 2021.

Heat Pumps can also be part of a shared heat pump system that shares heat between multiple flats or dwellings, which can function like a heat network.

### **Myth 3: People who have Heat Pumps don't like them**



There is a fear that people changing over to Heat Pumps are dissatisfied with the system.

More than 80% of households are satisfied with having a Heat Pump.

Nesta conducted a survey covered 2,500 domestic heat pump owners and more than 1,000 domestic gas boiler owners in England, Scotland and Wales over wintertime.

Some of the findings from the survey conducted by Nesta:

- Satisfaction levels were similar for households living in Victorian or older properties, at 83%
- Compared to their previous heating system, 73% of heat pump owners are as satisfied or more satisfied with their heat pump

## Myth 4: Heat Pumps always cost more to run



We often hear people say that Heat Pumps cost more to run than gas boilers while others say they cost less – who is correct?

Running cost depends on circumstance but Heat Pumps can save money.

The price depends on the price of gas vs electricity at the time. It also depends on your home's energy efficiency and heating system.

Regulatory Assistance Project (RAP) reports that with an efficient heat pump, households can save up to 27% on their heating bills compared to a gas boiler. So you can save on running costs with a heat pump.

It is important to be aware of the effects, positive or negative, that a Heat Pump might have on your bills when considering installing a Heat Pump.