

AIR SOURCE HEAT PUMPS

Creator

* UNCOMMON

With a little electricity, Air Source Heat Pumps transform ambient heat from the air into warmth for the home. While they seem like magic, it's actually a very simple heat transfer process, just like your fridge, but in reverse! Although they are uncommon now, they can be found more and more frequently.

EMISSIONS



POWERS: The Heat Pump itself releases no carbon. Very energy efficient. Can be used to cool as well as heat, and the waste heat from cooling can be recovered and reused.

COMBO MOVES: *Home Improvement + Heat Storage* - Forms a powerful trio with these two companion technologies.

WEAKNESSES: Must be tailored to individual homes, so need a specialist to install, and have high upfront costs. There are some emissions from electricity used, but this will decrease as electricity becomes greener.



Read More:

[BHESCo: What is an air source heat pump?](#)

[Energy Saving Trust: Heat Pumps](#)

