



Renewable Energy at Slaidburn Village Hall

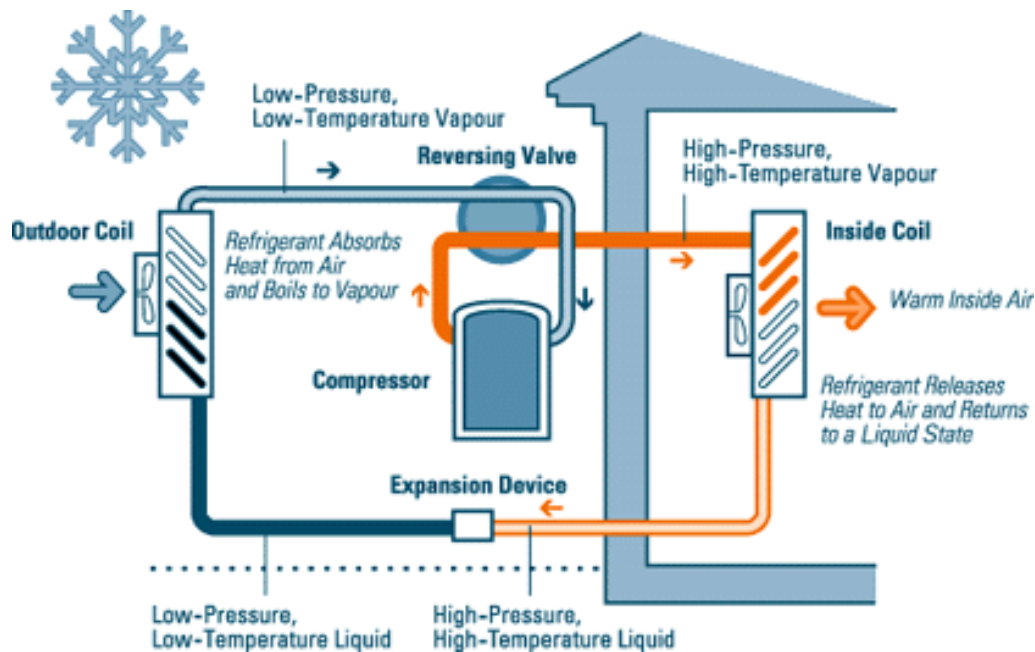
Air Source Heat Pump

An air heat pump extracts heat from the outside air in the same way that a fridge extracts heat from its inside. It can extract heat from the air even when the outside temperature is as low as minus 15° C.

Heat pumps have some impact on the environment as they need electricity to run, but the heat they extract from the ground, air, or water is constantly being renewed naturally.

Unlike gas or oil boilers, heat pumps deliver heat at lower temperatures over much longer periods.

Here at Slaidburn Village Hall we are using an **Air to Water** heat pump system which distributes heat via a wet central heating system. Heat pumps work much more efficiently at a lower temperature than a standard boiler system would.



The benefits of air source heat pumps

- Cost savings - with time we will have lower fuel bills
- It will reduce our carbon footprint: heat pumps can lower carbon emissions
- No fuel deliveries are needed – so there are less fuel miles