

# How Split System Air Conditioners Work

A split system air conditioner is a great way to heat or cool your home.



## Indoor Unit

The Indoor component is an evaporator and a fan usually controlled by a remote control.



## Outdoor Unit

The Outdoor component is a compressor that initiates the cooling process.

The compressor circulates a refrigerated gas increasing the pressure and temperature whilst it is compressed through a series of pipes.

The cooling system removes the heat from the high pressure gas which becomes a liquid which is pushed indoors where the fan serves to blow this cool air back into the house.

The process is simply repeated over and over again until the inside of the house has reached a desired temperature.

