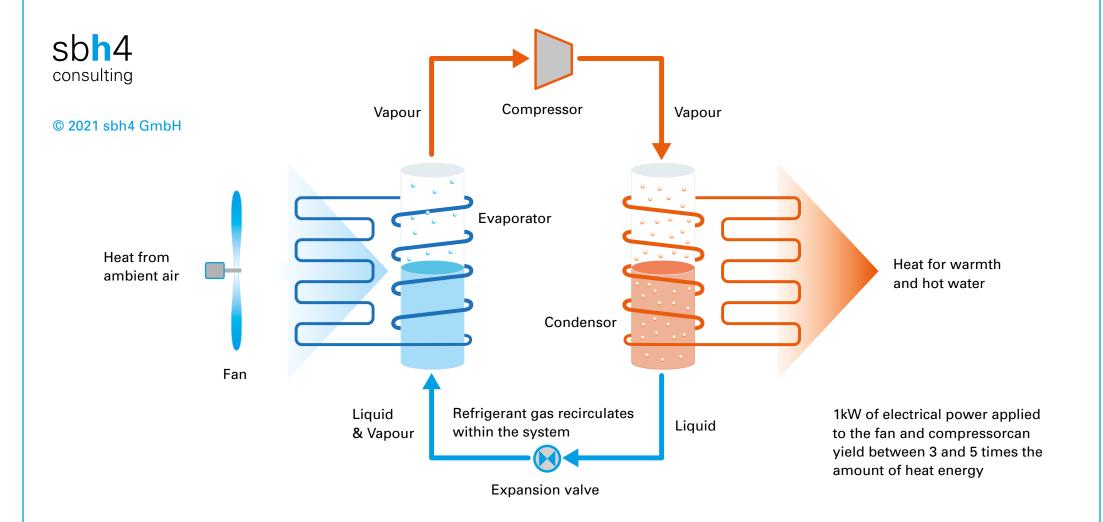
## Air source heat pump operation with refrigerant gas recirculation

Upgrades ambient heat from the air to generate warm heating for buildings and hot water



R1234ze, CO<sub>2</sub> or Ammonia – typically used as the refrigerant gas in larger, industrial or district heating systems R32 or R454B – can be used as the refrigerant gas in smaller, standardised domestic air source heat pumps