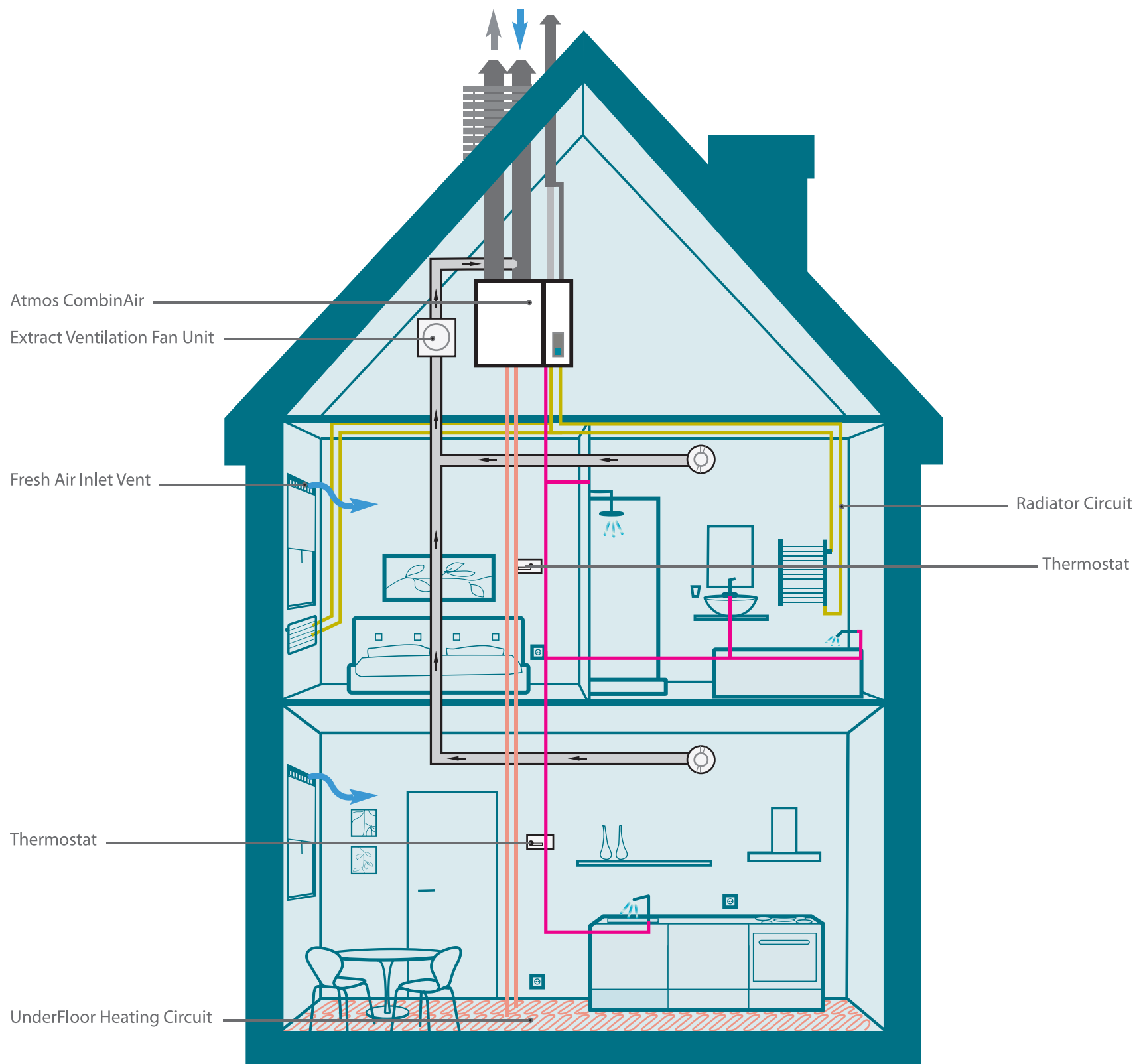


# Atmos CombinAir

## Air Source Heat Pump And Condensing Gas Combination Boiler



The Atmos Combinair is the latest advance in low energy heating for the 21st century low carbon home. The air source heat pump draws in the warm air from the house extract ventilation system, together with outside air. Using only 665 Watts of electrical energy, the unit pumps 2,500 Watts of heat energy into the central heating system, an astonishing efficiency of 378% (CoP 3.78). When the CH demand exceeds 2,500 Watts, the high efficiency condensing gas boiler cuts in to provide the extra heat demand. The weather compensating control system keeps the CH flow temperature as low as possible, and thereby maximises the efficiency of both the heat pump and the boiler. The system operates best with underfloor heating and/or low temperature radiators. Hot water is supplied by the Combi boiler, which provides a generous 12 litres/min at 45 deg C from the 31 kW power output.