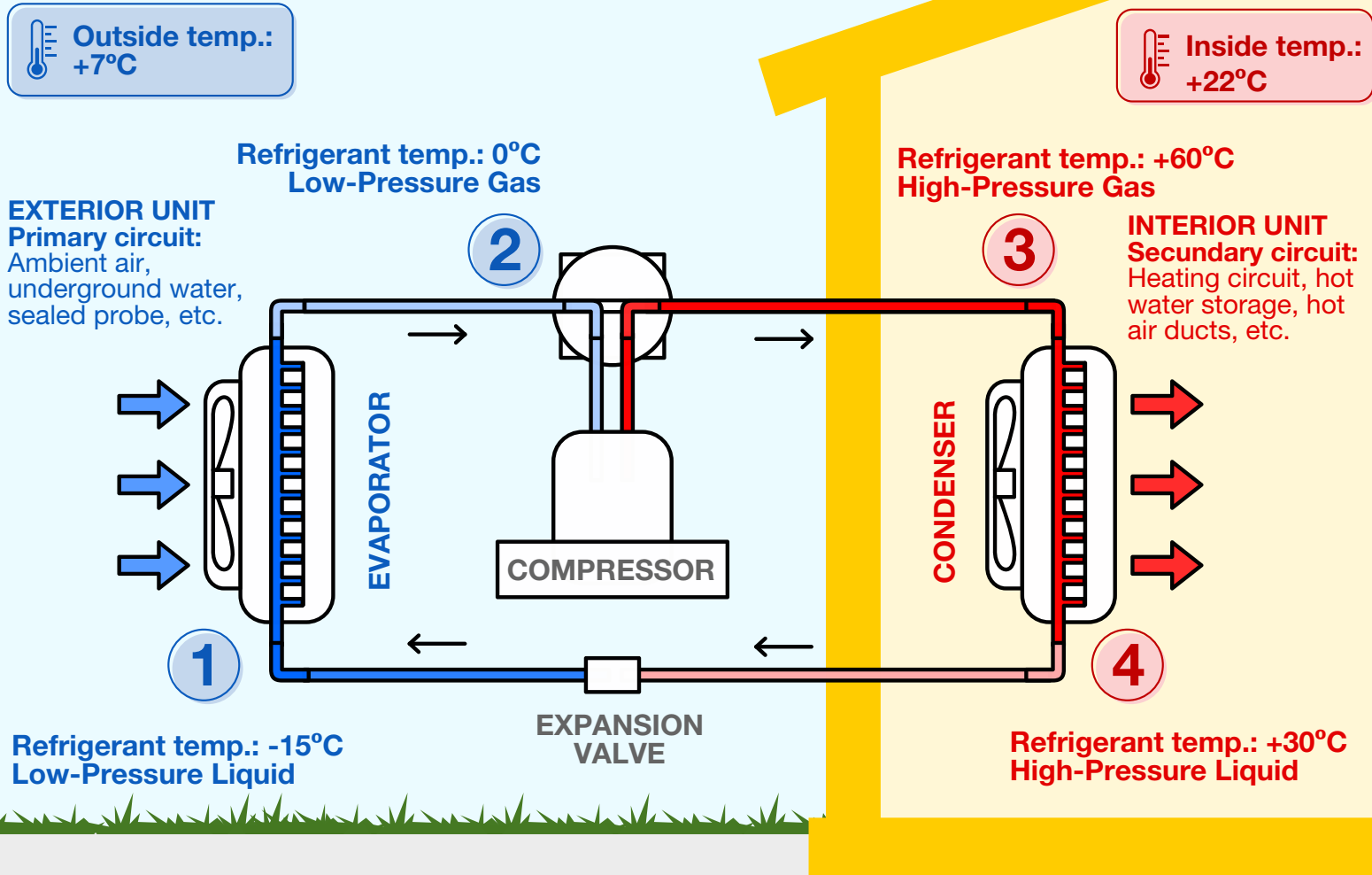


How does an aerothermal heat pump work?



- 1** Refrigerant fluid (RF) in liquid state at low temperature. It passes through the evaporator and absorbs heat from the primary circuit.
- 2** RF in gaseous state at low temperature. On absorbing energy in the evaporator it turns into a gas.
- 3** RF in gaseous state at high temperature. On passing through the compressor its pressure and temperature increases.
- 4** RF in liquid state at low temperature. On passing through the expansion valve it releases its energy in the condenser and reverts to its initial state (liquid).