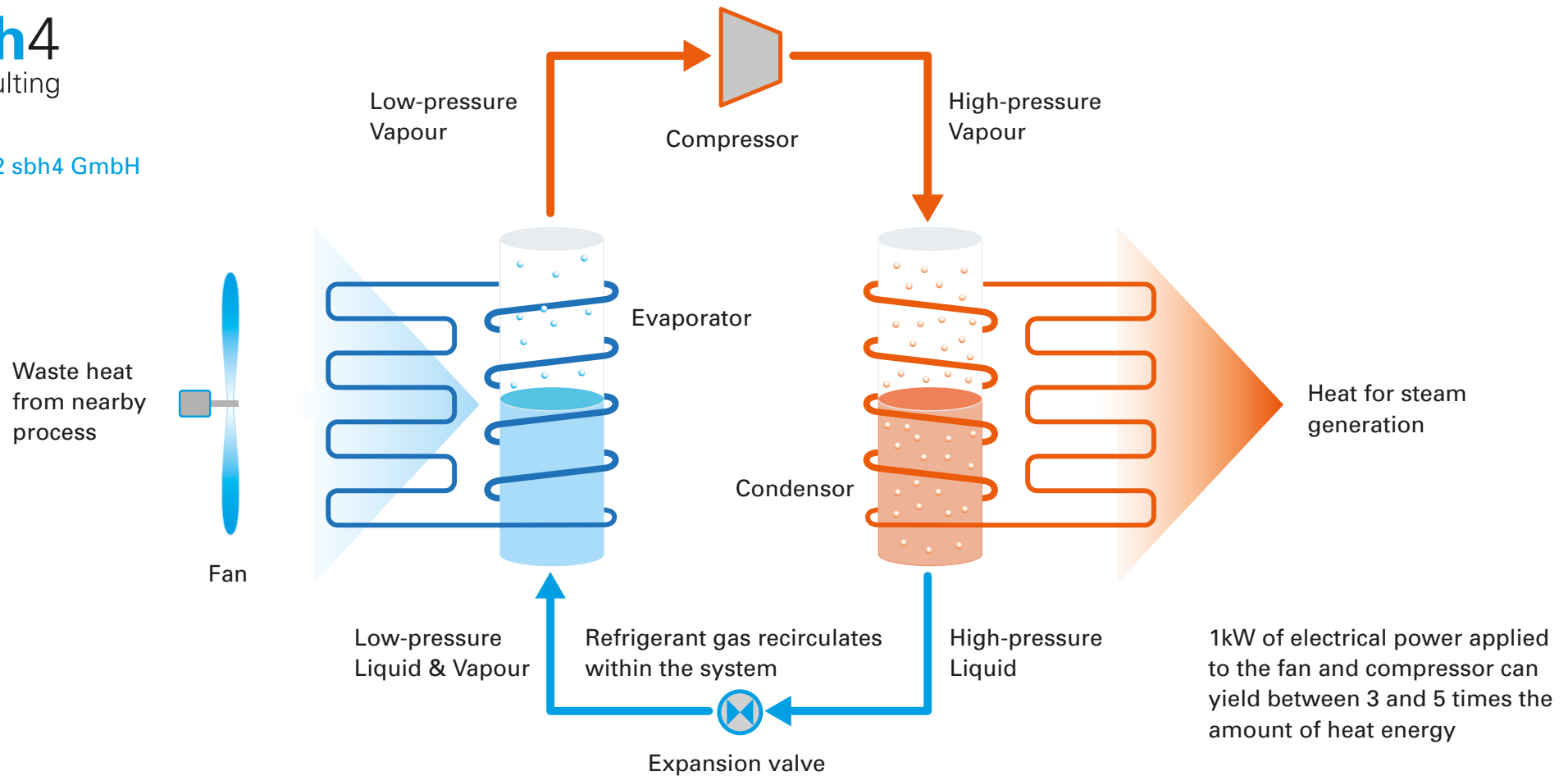


# High temperature industrial heat pump operation with refrigerant gas recirculation

Upgrades waste heat from processes to generate steam and process heat

sbh4  
consulting

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R1234ze, R245fa, R1336 mzz(Z) – typically used as the refrigerant gas in high temperature industrial heat pump systems  
R600, R601 and R718 can also be used