



THERMOQUIZ

Rate of heat transfer

What is the correct symbol for the rate of heat transfer?

Answer: \dot{Q}

The rate of heat transfer is the amount of heat transferred per second. Heat energy is denoted by the symbol Q (capital) for the total heat (unit J) or q (small) for the specific heat energy (J/kg). The dot is used to denote the transfer of heat per second (unit J/s = W)