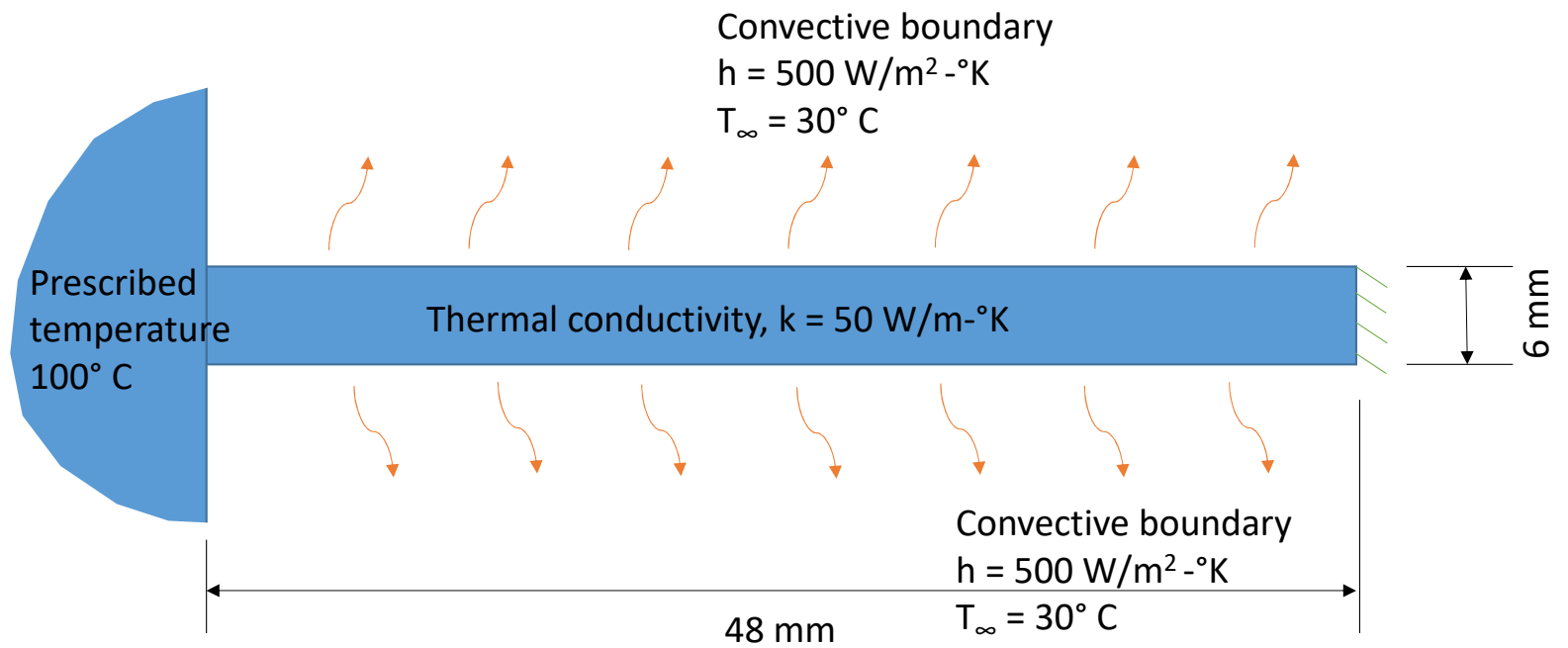
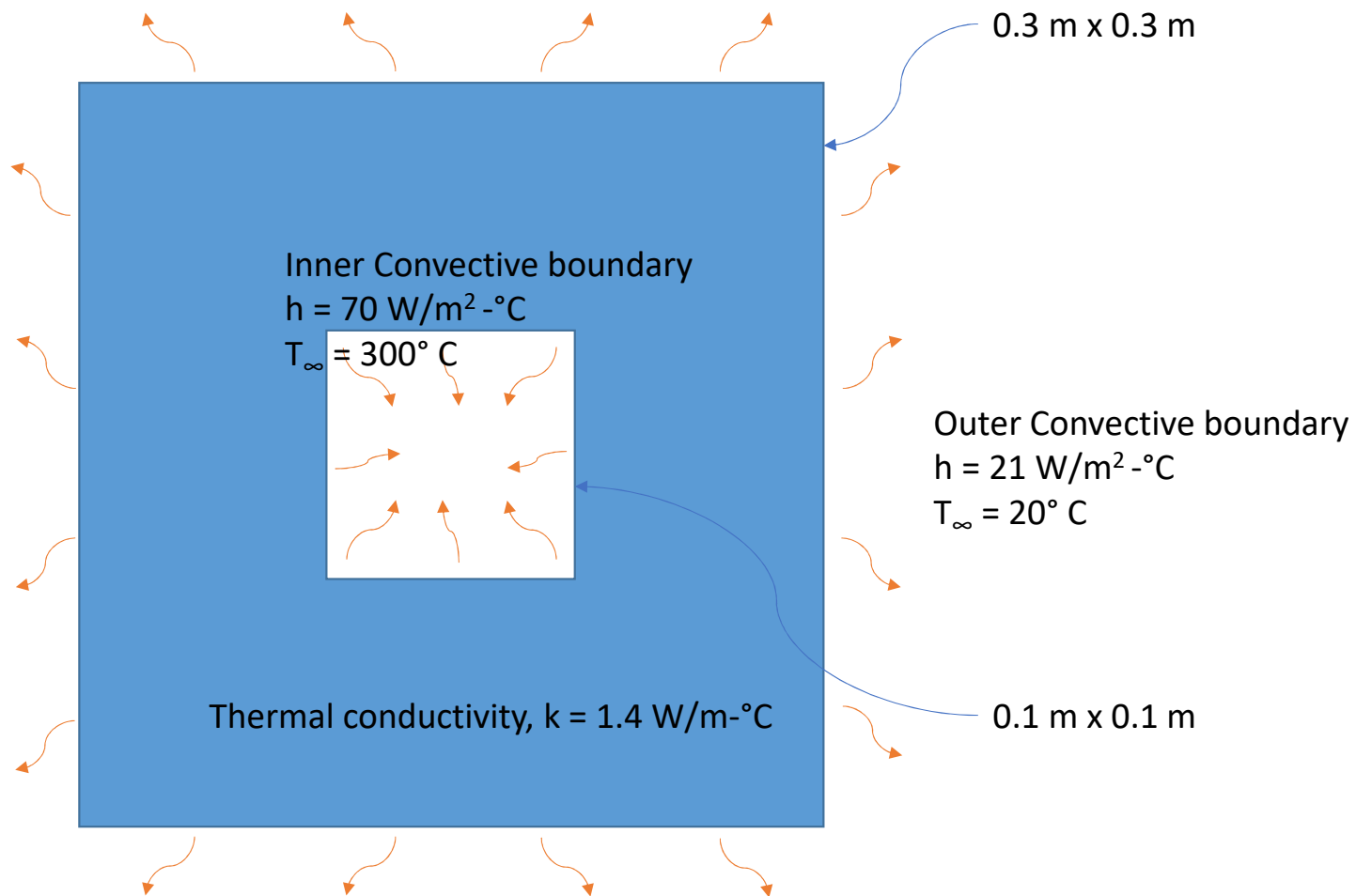
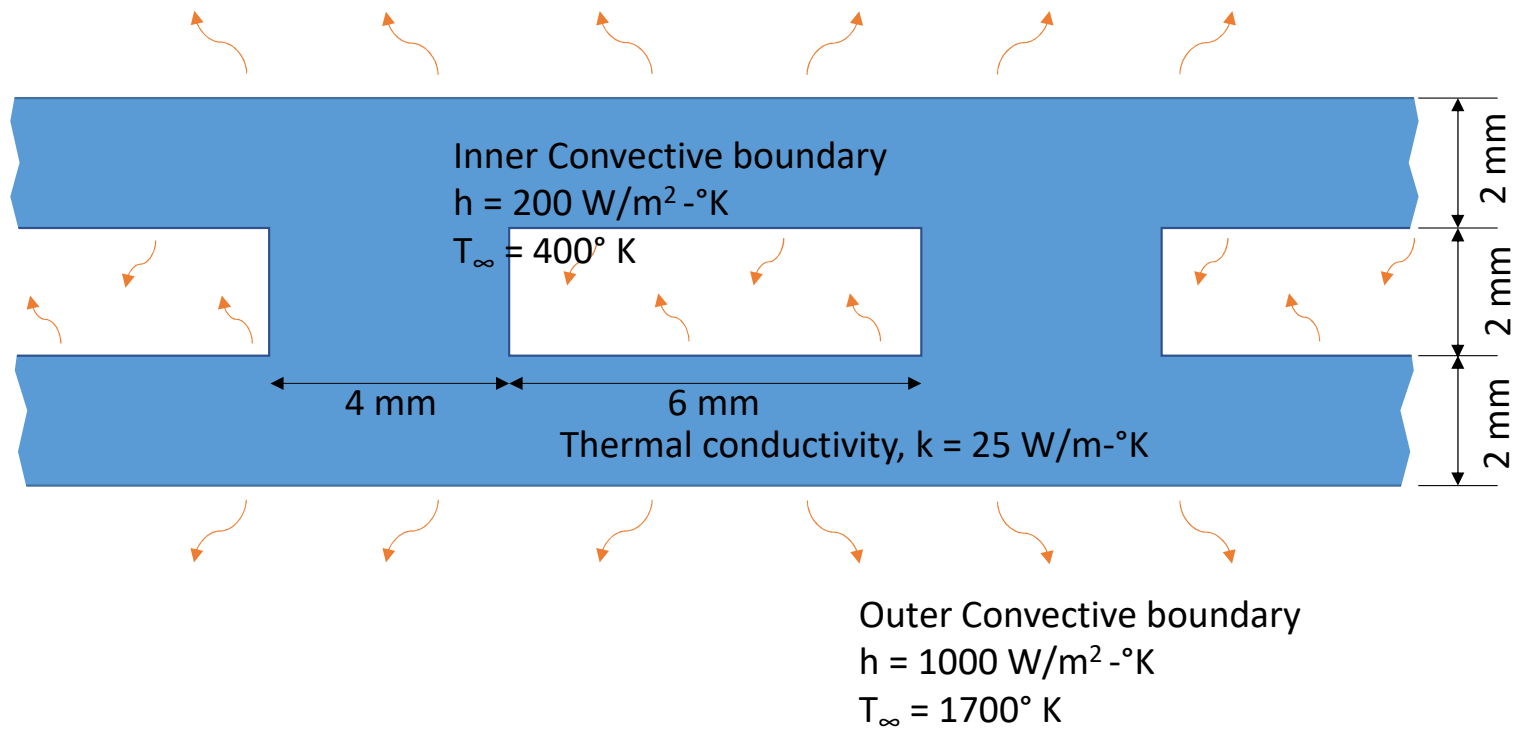
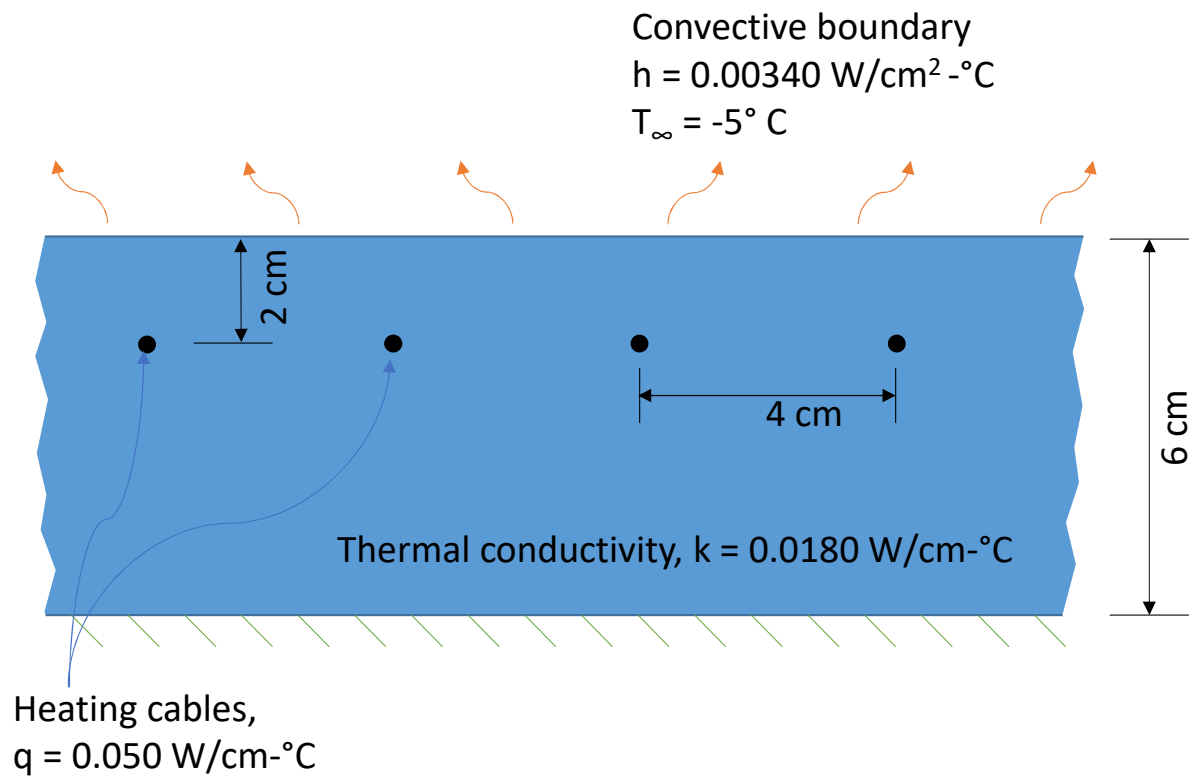


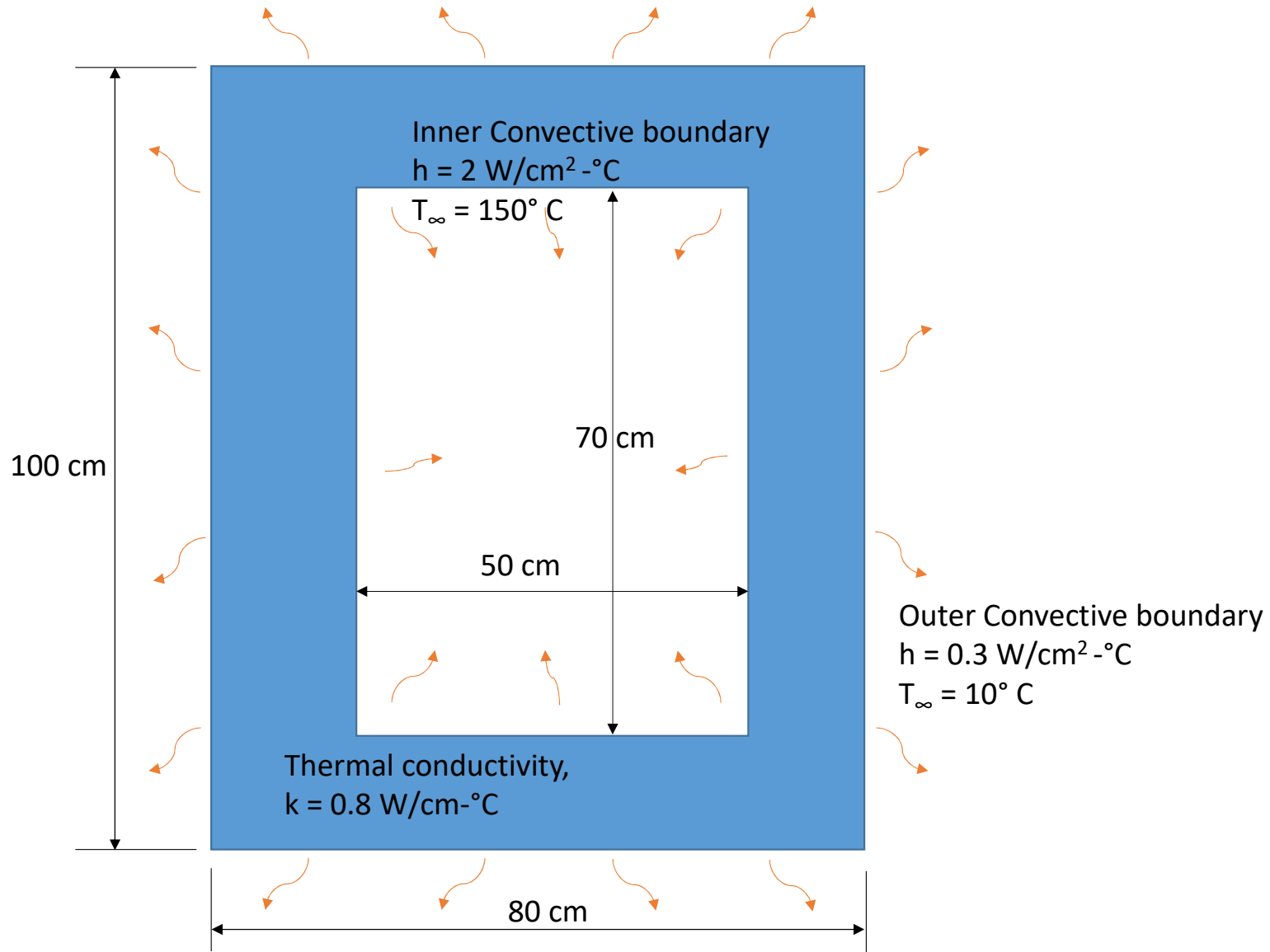
Density = 7832 kg/m^3
 Specific heat, $C = 434\text{ J/Kg-}^\circ\text{K}$
 Thermal conductivity, $k = 64\text{ W/m-}^\circ\text{K}$

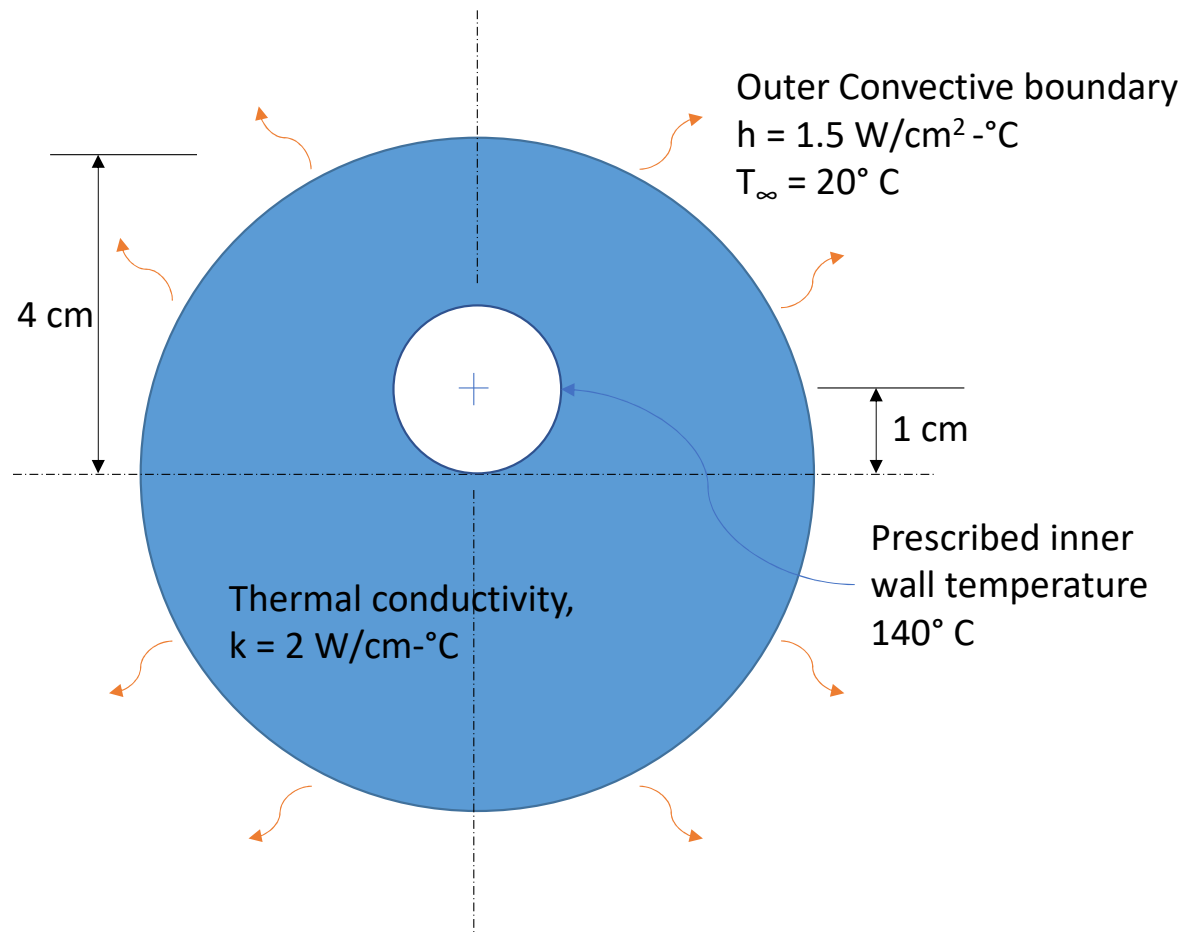


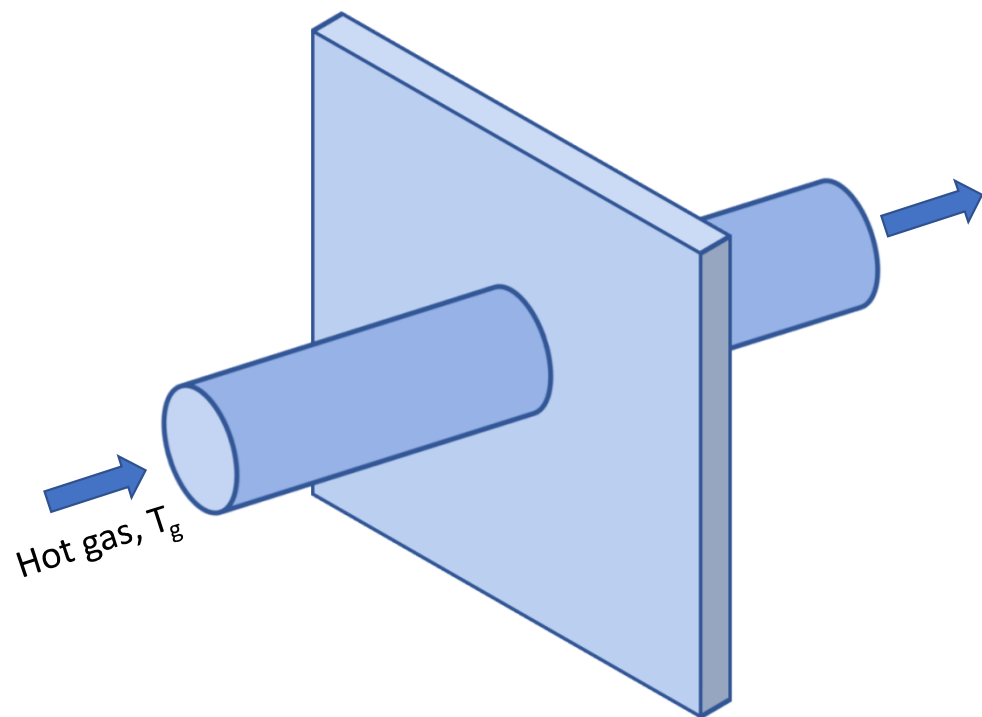












Prescribed
temperature
 $T_g = 80^\circ \text{C}$

