THERMAL RESISTANCE CONCEPT:

L= 0.4m   A=20m^2 ΔT=25   k=0.78 $\left(\frac{W}{m}\right)$

Rate of the heat transfer through the wall:
Qdot= kxAx$\frac{\Delta T}{L}$) = 0.78x20x$\frac{25}{0.4}$=975W

Rate of the heat loss through the wall:
Rwall=$\frac{L}{kA}$ = $\frac{0.4}{0.78x20}$=0.0256 $\left(\frac{c^\circ}{W}\right)$
Qdot= $\frac{\Delta T}{Rwall}$ = $\frac{25}{0.0256}$=975W