

$$Q_T = K_T * A_T * \Delta t = 2 \text{Kcal/m}^2\text{h}^0\text{c} * 8\text{m}^2 * 20^0\text{c} \Rightarrow Q_T=320\text{Kcal/h}$$

$$Q_{\text{ΜΠ}} = K_{\text{ΜΠ}} * A_{\text{ΜΠαλ}} * \Delta t = 5 \text{Kcal/ m}^2\text{h}^0\text{c} * 4\text{m}^2 * 20^0\text{c} \Rightarrow Q_{\text{ΜΠ}}= 400\text{Kcal/h}$$

$$Q_{\text{AB}} = Q_T + Q_{\text{ΜΠ}} = 320+400 \Rightarrow \mathbf{Q_{AB}= 720\text{Kcal/h}}$$

Τοίχος ΑΓ

$$A_{\text{ΤΟΙΧ}}=(5*3) - (1*1) = 15-1 \Rightarrow A_{\text{ΤΟΙΧ}}=14\text{m}^2$$

$$A_{\text{ΠΑΡ}}=1*1 \Rightarrow A_{\text{ΠΑΡ}}=1\text{m}^2$$

$$Q_T = K_T * A_T * \Delta t = 2 \text{Kcal/m}^2\text{h}^0\text{c} * 14\text{m}^2 * 20^0\text{c} \Rightarrow Q_T=560\text{Kcal/h}$$

$$Q_{\text{Π}} = K_{\text{Π}} * A_{\text{Π}} * \Delta t = 4 \text{Kcal/ m}^2\text{h}^0\text{c} * 1\text{m}^2 * 20^0\text{c} \Rightarrow Q_{\text{Π}}= 80\text{Kcal/h}$$

$$Q_{\text{ΑΓ}} = Q_T + Q_{\text{Π}} = 560 + 80 \Rightarrow \mathbf{Q_{ΑΓ}=640\text{Kcal/h}}$$

$$Q_{\text{δαπ}} = K_{\text{δα}} * A_{\text{δ}} * \Delta t = 1,5 \text{Kcal/ m}^2\text{h}^0\text{c} * (4\text{m} * 5\text{m}) * 20^0\text{c} =$$

$$1,5 \text{Kcal/ m}^2\text{h}^0\text{c} * 20\text{m}^2 * 20^0\text{c} \Rightarrow \mathbf{Q_{\text{ΔΑΠ}} = 600\text{Kcal/h}}$$

ΦΡΟΝΤΙΣΤΗΡΙΟ "ΤΕΧΝΙΚΟ"