

Formula for Heat Load

$$Q' = AU \Delta T$$

Where **Q'** = Total cooling/heating load in $\frac{\text{Btu}}{\text{hr}}$

A = Area under investigation in ft^2

U = Coefficient of heat conductivity in $\frac{\text{Btu}}{\text{ft}^2 \cdot \text{hr} \cdot ^\circ\text{F}}$

ΔT = Difference in temperature between outside and inside conditions in $^\circ\text{F}$

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Cooling Load Calculation Example

JL Elias

A red circular graphic with a gradient, appearing as a semi-circle or a partial circle, located to the right of the JL Elias text.

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