

<http://physics.colorado.edu/phys3070>

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M,F 11-Noon, W 1-3 pm

also by appointment

Conduction heat transfer

$$\frac{Q}{t} = \frac{1}{R} A (T_H - T_L)$$

BTU/hr

Fahrenheit degrees

Square feet

$$\left(\frac{hr \bullet \text{deg } F \bullet ft^2}{BTU} \right)$$

Degree-days

$$Q = \frac{1}{R} A(T_H - T_L)t$$

Average difference between outside temperature and standard inside temperature of 65F
provides a rough measure of heating requirements