

# Learn How To Heat Up A Garage During Winter

## How Many BTUs Do You Need?

You'll want to calculate how many BTUs (British thermal units) your heating source will need to generate. A BTU is the amount of heat required to increase the temperature of one pound of water by one degree Fahrenheit. It's easy to calculate how many BTUs you'll need to heat your entire garage.

1. Measure the length and width of your garage's interior in feet. Multiply these two numbers together to get the total square footage of your garage.
2. Take that number and divide it by 200.
3. If your garage is sufficiently insulated (e.g. your walls have cotton-fiberglass batt insulation), multiply the number in step two by 6,000. If your garage isn't well-insulated, multiply the number in step two by 9,000.
4. The resulting number is the BTU output you need to heat your entire garage.

### Formula

$$\begin{aligned} &\text{Total square footage} \div 200 = X \\ &\text{Then take} \\ &X \times 6,000 \text{ or } 9,000 = \text{BTU output} \end{aligned}$$