

## Tent Heater Size Guide

### Rules of Thumb

to raise inside temperature 15-20 degrees

1 sq ft of tent needs 150 btu's to heat

1 person creates 750 btu heat

1 tent heater produces 170,000 btu's

Width of Tent X Length of tent = total square footage

### How to calculate tons needed:

multiple Total Sq Footage by 150= btu's to heat empty tent

multiple number of guests x 750 = btu's produced by people

Subtract people Btu's from Empty Tent btu's = btu's needed

### Example:

160 guests in 40x100 tent

40x100 = 4,000 sq ft

4,000 sq ft x 150 = 600,000 btu's

160 ppl x 750 = 120,000 btu's

600,000 - 120,000 = 480,000 btu's needed

480,000 / 170,000 = 2.82

we would recommend 3 - heaters