



775-355-9004

camelotpartyrentals.biz

TENT HEATER GUIDE

Temperature Differential (F°)

*Ventilation variables may increase the recommended number of heaters to provide optimal heating conditions.



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Tent / sq.ft.	+20°	+30°	+40°	+50°	+60°	+70°
20'x20' 400sf	1	1	1	1	1	2
20'x30' 600sf	1	1	1	2	2	2
20'x40' 800sf	1	1	2	2	2	3
20'x50' 1000sf	1	2	2	2	3	3
20'x60' 1200sf	1	2	2	3	3	4
20'x80' 1600sf	2	2	3	3	4	5
30'x30' 900sf	1	1- 2	2	2	3	3
30'x40' 1200sf	1	2	2	3	3	4
30'x50' 1500sf	2	2	3	3	4	5
30'x60' 1800sf	2	2	3	4	5	6
30'x75' 2250sf	2	3	3	4	6	7
40'x40' 1600sf	2	2	3	3	4	5
40'x50' 2000sf	2	3	3	4	5	6
40'x60' 2400sf	2	3	4	5	6	7
40'x80' 3200sf	3	4	5	6	8	9
40'x100' 4000sf	3	4	6	8	9-10	12

HOW TO DETERMINE HOW MANY HEATERS YOU'LL NEED

1 Heater = 80,000 BTUH Output.

STEP 1

Determine desired indoor temperature and subtract from the expected outdoor temperature. This will give you the **Temperature Difference (TD)**.

STEP 2

Using number (TD) find the **Correction Factor (CF)** number from the below table:

TD / CF	TD / CF	TD / CF	TD / CF	TD / CF	TD / CF	TD / CF	TD / CF	TD / CF
10° =1.08	20° =1.16	30° =1.25	40° =1.33	50° =1.42	60° =1.50	70° =1.58	80° =1.66	90° =1.74

STEP 3

Multiply tent width by length (square footage).

STEP 4

Multiply square footage by 2.

STEP 5

Multiply result of Step 4 by (TD).

STEP 6

Multiply result of Step 5 by (CF)