

Determine the BTU/h needed to heat a given area.

1. Multiply the room length x width x height to determine total cubic feet.

2. Determine the desired temperature rise.

Example: Room is 50°F, desired temperature rise is 70°F = 20°F rise in temperature.

3. Read BTU/h

RISE IN TEMPERATURE								
Cubic Feet	10° F	20° F	30° F	40° F	50° F	60° F	70° F	80° F
4,000	5,320	10,640	15,960	21,280	26,600	31,920	37,240	42,560
8,000	10,640	21,280	31,920	42,560	53,200	63,840	74,480	85,120
12,000	15,960	31,920	47,880	63,840	79,800	95,760	111,720	127,680
16,000	21,280	42,650	63,840	85,120	106,400	127,680	148,960	170,240
20,000	26,600	53,200	79,800	106,400	133,000	159,600	186,200	212,800
24,000	31,920	63,840	95,760	127,680	159,600	191,520	223,440	255,360
28,000	37,240	74,480	111,720	148,960	186,200	223,440	260,680	297,920
32,000	42,560	85,120	127,680	170,240	212,800	255,360	297,920	340,480
36,000	47,880	95,760	143,640	191,520	239,400	287,280	335,160	383,040
40,000	53,200	106,400	159,600	212,800	266,000	319,200	372,400	425,600
44,000	58,520	117,040	175,560	234,080	292,600	351,120	409,640	468,160
48,000	63,840	127,680	191,520	255,360	319,200	383,040	446,880	510,720
52,000	69,160	138,320	207,480	276,640	345,800	414,960	484,120	553,720
56,000	74,480	148,960	223,440	297,920	372,400	446,880	521,360	595,840
60,000	79,800	159,600	239,400	319,200	399,000	478,800	558,600	638,400
64,000	85,120	170,240	255,360	340,480	425,600	510,720	595,840	680,960
68,000	90,440	180,880	271,320	361,760	452,200	542,640	633,080	723,520
72,000	95,760	191,520	287,280	383,040	478,800	574,560	670,320	766,080
76,000	101,080	202,160	303,240	404,320	505,400	606,480	707,560	808,640
80,000	106,400	212,800	319,200	425,600	532,000	638,400	744,800	851,200
84,000	111,720	223,440	335,160	446,880	558,600	670,320	782,040	893,760
88,000	117,040	234,080	351,120	468,160	585,200	702,240	819,280	936,320
92,000	122,360	244,720	367,080	489,440	611,800	734,160	856,520	978,880
96,000	127,680	255,360	383,040	510,720	638,400	766,080	893,760	1,021,440
100,000	133,000	266,000	399,000	532,000	665,000	798,000	931,000	1,064,000
104,000	138,320	276,640	414,960	553,280	691,600	829,920	968,240	1,106,560
108,000	143,640	287,280	430,920	574,560	718,200	861,840	1,005,480	1,149,120
112,000	148,960	297,920	446,880	595,840	744,800	893,760	1,042,720	1,191,680
116,000	154,280	308,560	462,840	617,120	771,400	925,680	1,079,960	1,234,240
120,000	159,600	319,200	478,880	638,400	798,000	957,600	1,117,200	1,276,800

The number of BTU/h may vary due to building configurations, material, and variables in weather.