


Check A/C compatibility at: www.storeitcold.com/build-it

Use **ONLY** a Digital Display A/C

How to size your A/C:

- ① What is your target temperature for your cooler?
- ② What is the size of the cooler?
- ③ The required A/C size in BTUs is at the intersection of the column from step ① and the row from step ②

E.g. A cooler at 38°F ① with 8' by 10' dimensions (8' height) ② requires a 15,000 BTUs A/C unit ③

 ①

		Desired Temperature Range		
		34°F - 37°F 1°C - 2.9°C	38°F - 49°F 3°C - 9.9°C	50°F - 60°F 10°C - 16°C
Room Size		Air Conditioner Size (BTUs)		
L (Ft)	W (Ft)	1K=1,000 BTUs		
4'	4'	8K BTU	6K BTU	5K BTU
6'	6'	12K BTU	8K BTU	5K BTU
6'	8'	15K BTU	10K BTU	5K BTU
8'	8'	18K BTU	12K BTU	7K BTU
② → 8'	10'	24K BTU	15K BTU ③	8K BTU
8'	12'	24K BTU	18K BTU	10K BTU
10'	14'	18K + 18K BTU	24K BTU	15K BTU
Larger Sizes		Multiple A/Cs and CoolBots - Please contact us		

Assumes an airtight cooler with an 8' ceiling, at least R25 Rigid Foam insulation, and less than 6 door openings per hour.

Working on a larger application or a cooler with specific needs?

Please visit us at: <http://www.storeitcold.com/cooler-construction-advice-form/>

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