




Cooling Guide

A1 Hire Cooling Calculator

Working out your cooling requirement is simple using the A1 Hire Cooling Calculator, complete the formula below to determine which cooling capacity output would best suit your circumstances.

<p>Volume X 0.05 X Heat gain from people & equipment = Required kW</p> <p>Take your answer and match it up to the kW on our range of Air Conditioning units. If you need any help, call your local branch Poole - 01202 736899 Bournemouth - 01202 599001</p>	Volume	Length x width x height of area to be cooled in metres.
	0.05	Multiply the volume by 0.05
	Heat gain from people & equipment	Per person seated 0.15kW Computer/Photocopier 0.20kW Fax machine 0.15kW Printer 0.25kW Coffee machine 1.0kW
	kW	Take your answer and match it with the nearest cooler from the range. If your answer is greater than the highest output from the largest A1 Hire Cooler, multiple heaters will be required.

Site survey and installation service available	1. COMFORT COOLING	2. SPOT COOLING	3. CRITICAL TEMPERATURE CONTROL
		Ideal locations for producing comfort cooling would be factories or large office areas where there are no windows and air needs to be circulated	Ideal for cooling down the reception area of an office block and for cooling down the employees within an office space
			
Factories	Y	Y	Y
Warehouses	Y	Y	Y
Sports halls	Y	Y	Y
Marquees		Y	Y
Shops	Y	Y	
Hospitals	Y		Y
Offices	Y	Y	
Computer room			Y
Workshops	Y	Y	Y
Site Cabins	Y	Y	
Schools	Y	Y	Y