



EASY CALCULATOR

STEP BY STEP GUIDE

Calculate Cooling Requirements For Portable Air Conditioning Units

Chilly Pepper Hire

Measure Room in **Metres** or **Feet** (L x W x H) (if you do not have a tape see Example below)

Length	Width	Height	=	M ³	x	40w	=	Watts A (or)
x	x		=	Ft ³	x	1.14w	=	Watts B
ONLY enter Metres or Feet								ONLY enter Watts : A or B

Additional Heat Load

QTY	Description	Unit	Watts C
	Number Of People (Seated)	x 150 =	
	Medium Size Photo Copier	x 200 =	
	Personal Computer	x 200 =	
	Fax Machine	x 150 =	
	Printer	x 250 =	
	Electronic Typewriter	x 75 =	
	Coffee Machine	x 1,000 =	
		x =	
		x =	
Sub Total Watts C			
Total Watts (A or B) + C			

Example Example Example Example

1a) Measure Room in Metres if you do not have a tape step the length and width (1 stride = 1 Meter)

Length	Width	Height	=	M ³	x	40w	=	Watts A
4.0 M	x 3.0 M	x 2.50 M	=	30	x	40w	=	1,200

Additional Heat Load

QTY	Description	Watts	Watts C
2	Number Of People (Seated)	x 150 =	300
1	Medium Size Photo Copier	x 200 =	200
2	Personal Computer	x 200 =	400
Sub Total Watts C			900
Total Watts (A or B) + C			
2,100			

2,100 Watts = 2.10 kW

The Aztec ATA (Hose) has a cooling duty of 2.34kw and is therefore the appropriate model for this application

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