

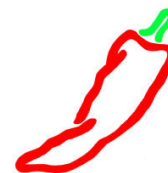


# EASY CALCULATOR

## STEP BY STEP

Calculate Cooling Requirements  
For Portable Air Conditioning Units

## Chilly Pepper Hire



Quick calc to rough check Answer below				
Number of People		Total Kw		
	x	1.05	=	Kw

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 <sup>3</sup>	x 40w	=	Watts A (or)
x	x		=	Ft <sup>3</sup>	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			
<b>Total Watts (A or B) + C</b>			

### 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 <sup>3</sup>	x 40w	=	Watts A
4.0 M x	3.0 M x	2.50 M =		30			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 Computers	x 200 =	400
Sub Total Watts C			<b>900</b>
<b>Total Watts (A or B) + C</b>			1,200 + 900 = <b>2,100w</b>

**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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