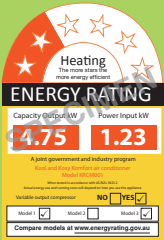


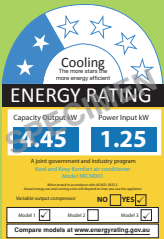
# TYPES OF ENERGY LABELS

Generally there are 3 types of Energy labels that can be affixed on AC's depending on its function i.e. whether for cooling or heating or both heating & cooling.



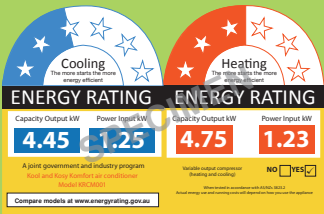
## Heating-Only Label

This label is for heating only models. The label for heating-only models has a red band of stars and a red box for the Capacity Output.



## Cooling-Only Label

These AC's only have a cooling mode. The label for cooling-only models has a blue band of stars and a blue box for the Capacity Output and Power Input figure.



## Heating & Cooling Label

As the name implies, the operation of the AC can be internally reversed to provide indoor heating or cooling as required.



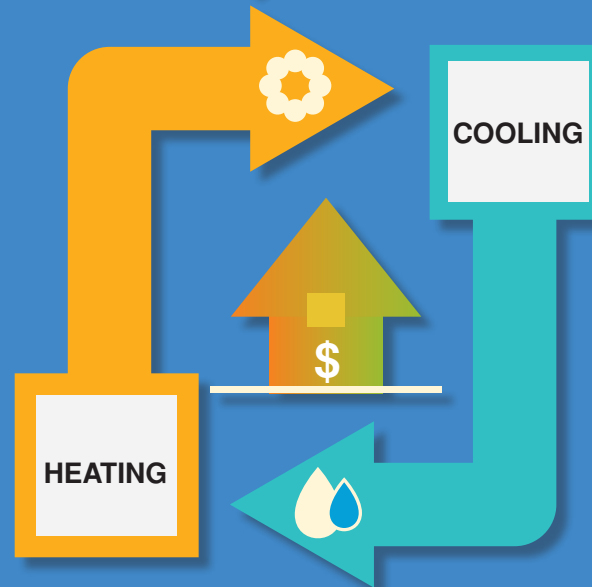
The Department of Energy  
Level 1 Nasilivata House,  
87 Ratu Mara Road Samabula.  
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# Your Guide to Energy Efficient Air Conditioners (AC's)



Estimate the floor area or alternatively calculate by multiplying length and width of the room or required cooling space.

Example:

Length	x	Width	=	Floor Area
10.00m	x	9.29m	=	92.90m <sup>2</sup>
32.80ft.	x	30.48ft	=	999.74sq.ft

Select the basic cooling capacity in Btu/h or kW/h from the table based on total floor area to be cooled.

Example continued...

Total Floor Area to Be Cooled	Basic Cooling Capacity
92.90m <sup>2</sup> (999.74 sq.ft.)	15000 Btu/h or 4.45kW/h

TOTAL FLOOR AREA		BASIC COOLING CAPACITY/CAPACITY OUTPUT	
m <sup>2</sup>	sq. ft.	Btu/h	kW/h
9-14	100-150	5 000	1.47
15-23	150-250	6 000	1.76
24-28	250-300	6 500	1.90
29-33	300-350	7 250	2.12
34-38	350-400	8 000	2.34
39-41	400-450	8 750	2.56
42-46	450-500	9 650	2.81
47-51	500-550	10 500	3.08
52-65	550-700	12 500	3.66
<b>66-93</b>	<b>700-1000</b>	<b>15000</b>	<b>4.45</b>
94-111	1000-1200	17700	5.19

Example

Compare models at [www.energyrating.gov.au](http://www.energyrating.gov.au)

Now compare the power input and star rating for the same capacity output that you have chosen or calculated to find the energy efficient air conditioner.



### Energy conservation Tips

- AC temperature should be set between 25–27°C. Every 1°C lower can increase running costs by up to 15% or cost you for repairs.
- Close curtains, blinds and shades to prevent the sun's rays from entering the room.
- On cooler days minimize the use of AC's.
- Cleaning filters help keep the AC unit in good working condition.
- When buying an AC unit, enlist the services of a qualified technician to ensure your unit is properly sized and installed for your home/building.