



# Zoned Energy Rating Labels For Split System Air Conditioners

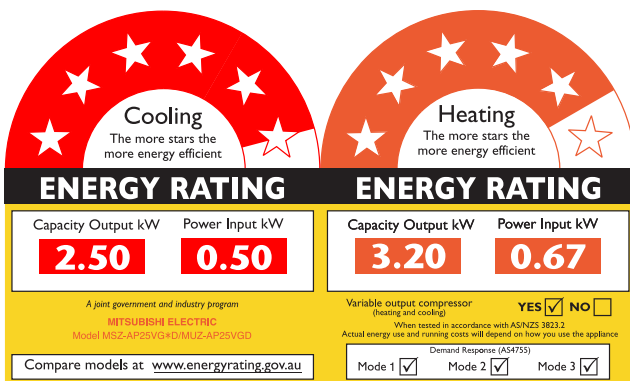
Mitsubishi Electric is in the process of changing its energy rating labels to the new Zoned Energy Rating Label (ZERL). ZERL will make it simple to select the most energy-efficient split system air conditioner for your home. The new rating system divides the continent into three separate climate zones (hot, average and cold), allowing you to quickly identify and compare air conditioners based on where you live. The more stars there are, the more efficient the air conditioner is.



## The Difference Between Old & New Labels

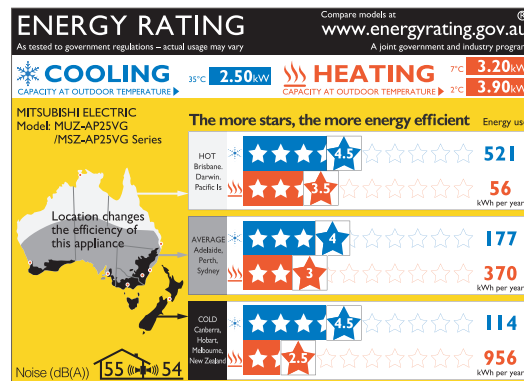
### Energy Rating Label (ERL)

The **old** Energy Rating Label displayed a star representation of how much cooling and heating capacity output in relation to the power input. This represented the efficiency of the unit at a set temperature regardless of location or environment.



### Zone Energy Rating Label (ZERL)

The **new** Zone Energy Rating Label reflects the performance of an air conditioner over a range of zones. These labels also have an easy to read representation of the annual electricity use of the units based on the set standards for each zone.



The old Energy Rating Label (ERL) will be replaced by the new Zoned Energy Rating Label (ZERL). The star ratings on the old label and the new Zoned Energy Rating Labels should not be compared due to the different methods of calculating the star ratings.

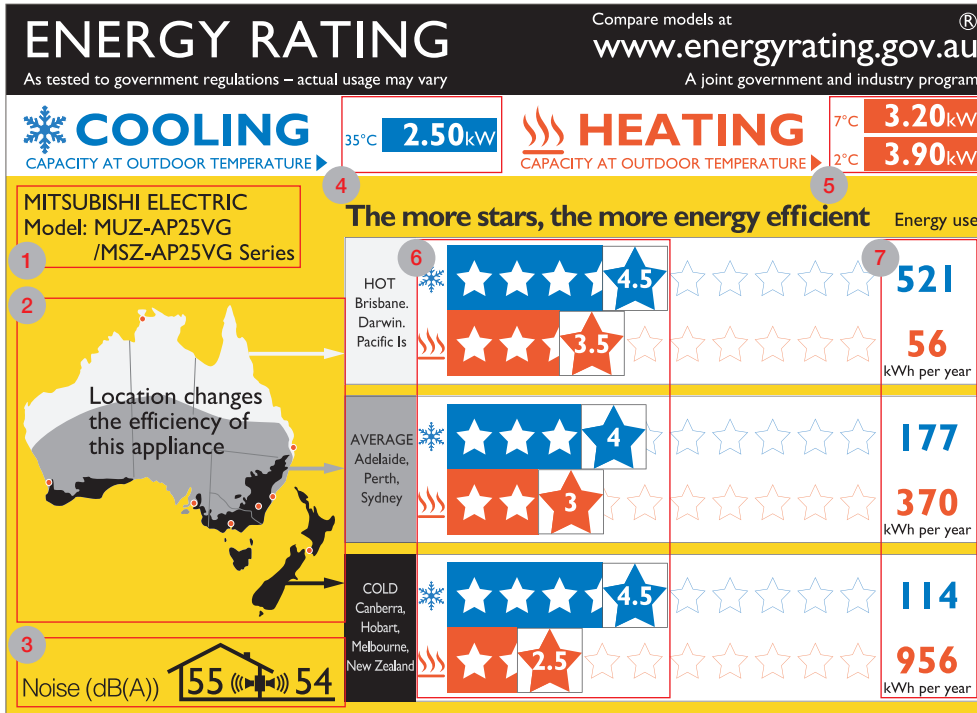
# How to Read the New Zoned Energy Rating Label

**1 Brand & Model**  
Mitsubishi Electric air conditioner outdoor/indoor model numbers.

**2 Climate Zones**  
Australia and New Zealand have three rating climate zones: hot, average and cold. Look at the map to determine which zone to use.

**3 Sound Levels**  
The numbers represent the indoor and outdoor units' sound power levels\*1. Lower numbers indicate that the air conditioner is running more quietly.

**4 Cooling Capacity**  
Cooling capacity (kW) when the indoor unit temperature is 27°C and outdoor temperature is 35°C (T1)\*2.



**5 Heating Capacity**  
Heating capacity (kW) when the indoor unit temperature is 20°C and outdoor temperature is 7°C (H1) and 2°C (H2)\*2.

**6 Star Ratings**  
The stars indicate how efficient the air conditioner will perform in the three separate climate zones. The more stars, the more energy efficient. Blue stars is cooling. Red stars is heating.

**7 Energy Usage**  
It shows you how much energy the air conditioner uses for cooling/heating per year. The lower the kWh/h used, the less expensive it is to run.

\*1 Measured under conditions T1 (cooling) of AS/NZS 3823.1.1

\*2 The capacity is determined under conditions T1 (cooling), H1 and H2 (heating) of AS/NZS 3823.1.1

## How to Use the Label to Calculate Running Costs

### Step 1

Determine the size of the air conditioner required for your room.

### Step 2

To find out what zone you are in, look at the map of Australia on the Zoned Energy Rating Label.

### Step 3

Compare air conditioner star ratings in your zone and make a selection based on energy efficiency and energy use.

### Step 4

Calculate the annual running costs for your selected air conditioner at [www.energyrating.gov.au/calculator](http://www.energyrating.gov.au/calculator).

For more information please visit

[www.energyrating.gov.au/products/air-conditioners](http://www.energyrating.gov.au/products/air-conditioners)



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