# Energy Rating Data Dictionary for Air Conditioners (labelled) as at June 2015

|  |  |  |
| --- | --- | --- |
| **Column** | **Column Identifier** | **Description** |
| ApplStandard | Registration.regulatory\_standard | This is the legal standard to which the appliance must comply |
| MEPSComp | mepscomp | This is a year that MEPS was applied to the appliance. If blank the data is unavailable. |
| N-Standard | Registration.test\_standard | This is the test standard used for the appliance, usually denoted with the prefix AS/NZS xxxxxxx |
| Model Name | Registration.get\_model\_name\_display\_display | Model number is more generally used |
| Model\_No | Model.model\_number | This is the model number of the appliance, usually a unique field |
| avg\_pwr\_standby\_mode | avg\_pwr\_standby\_mode | Not Applicable. Before the energy efficiency ratio incorporated inoperative power in 2009/2010, this was a voluntary declaration of standby power. |
| Brand | Model.brand\_name | This is the manufacturer's brand |
| C-Dehumid\_Rated | c\_\_dehumid\_rated | Rated dehumidifying power (kW) working at full load (flat out) at 35 degrees C. Combined with "C-Sens\_Cool\_Rated" = "C-Total Cool Rated". |
| Configuration1 | indoor\_air\_distribution | This is the indoor air distribution and should be either "single", "ducted" or "both" |
| Configuration2 | configuration2 | This is the configuration of the air-conditioner unit and describes if it is a split system or a window/wall system etc. Also refer to "Configuration2-unitmount". |
| Configuration2-unitmount | configuration2\_\_unitmount | This is the configuration of the air-conditioner unit and describes if it is a split system or a window/wall system etc. Also refer to "Configuration2". |
| Configuration3\_Sink | configuration3\_sink | What is the exhaust heat transferred to e.g. Air, water, cooling tower. |
| Configuration3\_Source | configuration3\_source | Where the heat or cool source comes from e.g. Air or water. |
| Country | Registration.registrationmanufacturingcountry\_set | Country or countries of manufacture. Note that split systems can be produced in multiple countries. |
| C-Power\_Inp\_Rated | cooling\_power\_rated\_effective | This is the electrical power used by the unit (kW) at 35 degrees C working at full load (flat out). |
| C-Sens\_Cool\_Rated | total\_cooling\_capacity\_sensible\_capacity | This is the cooling power (kW) that lowers a dry bulb thermometer temperature at 35 degrees C working at full load (flat out). Combined with "C-Dehumid\_Rated" = "C-Total Cool Rated". |
| C-Total Cool Rated | c\_total\_cool\_rated | This is the total cooling output of the unit in kW at 35 degrees C working at full load (flat out) and appears as "Capacity Output kW" on the Energy Rating Label. This total is a combination of C-Sens\_Cool\_Rated and C-Dehumid\_Rated |
| Depth | appliance\_dimensions\_size | Insert overall dimension in mm |
| H2\_COP | h2\_cop | This is a voluntary declaration of heater efficiency (kW/kW) at 2 degrees C working at full load (flat out). |
| H2\_HeatPwrCapacity | h2\_heatpwrcapacity | This is a voluntary declaration of heater capacity (kW) at 2 degrees C working at full load (flat out). |
| H2\_HeatPwrInput | h2\_heatpwrinput | This is a voluntary declaration of electrical power (kW) used at 2 degrees C working at full load (flat out). |
| Height | appliance\_dimensions\_height | Insert overall dimension in mm |
| H-Power\_Inp\_Rated | h\_\_power\_inp\_rated | This is the electrical power used for heating by the unit (kW) at 7 degrees C working at full load (flat out). |
| H-Total Heat Rated | h\_\_total\_heat\_rated | This is the total heating output of the unit in kW at 7 degrees C working at full load (flat out) and appears as "Capacity Output kW" on the Energy Rating Label. |
| indoorType | indoortype | This is the type of test facility that the air conditioner was tested in and is either "calorimeter", "enthalpy" or "computer simulation" |
| EERtestAvg | eertestavg | This is the tested energy efficiency ratio for cooling working at full load (flat out) (the higher the better) |
| COPtestAvg | coptestavg | This is the tested energy efficiency ratio for heating working at full load (flat out) (the higher the better) |
| Invert | does\_this\_air\_conditioner\_have\_variable | This model may use a variable speed drive or multispeed compressor. |
| Setting\_cool | setting | Only applicable for testing houses |
| Setting\_heat | setting\_heat | Only applicable for testing houses |
| Pnoc | pnoc | Non-operative power for cooling mode (lower the better). This is now mandatory and replaces “avg\_pwr\_standby\_mode”. |
| Pnoh | pnoh | Non-operative power for heating mode (lower the better) . This is now mandatory and replaces “avg\_pwr\_standby\_mode”. |
| VSCP\_EER50 | vscp\_eer50 | This is a voluntary measure for variable speed units only and is the cooling efficiency (kW/kW) at 50% capacity (part load) at 35 degrees C. |
| VSCP\_COP50 | vscp\_cop50 | This is a voluntary measure for variable speed units only and is the heating efficiency (kW/kW) at 50% capacity (part load) at 7 degrees C. |
| eermepslev | eermepslev | This data field has been superseded but may contain historical energy efficiency information |
| TestedOutputEER | testedoutputeer | Not Applicable |
| TestedOutputCOP | testedoutputcop | Not Applicable |
| AnnualOutputEER | eerannual | This is cooling energy efficiency (kW/kW) incorporating inoperative power consumption. This metric is what the MEPS level is based upon and has been in use since 2010. |
| AnnualOutputCOP | copannual | This is heating energy efficiency (kW/kW) incorporating inoperative power consumption. This metric is what the MEPS level is based upon and has been in use since 2010. |
| PL\_EERMEPS | pl\_eermeps | Not Applicable |
| PL\_COPMEPS | pl\_eermeps | Not Applicable |
| sri2010\_cool | sri2010\_cool | This is the raw calculated Star Rating Index (SRI) value for cooling |
| sri2010\_heat | sri2010\_heat | This is the raw calculated Star Rating Index (SRI) value for heating |
| Star2010\_Cool | star2010\_cool | This is the value that determines the Energy Rating Label for cooling post 2010 |
| Star2010\_Heat | star2010\_heat | This is the value that determines the Energy Rating Label for heating post 2010 |
| outdoortype | test\_room\_outdoor\_type\_used | This is the type of test facility that the air conditioner was tested in and is either "calorimeter", "enthalpy" or "computer simulation" |
| Phase | power\_supply | This is the type of power supply (single or three phase) to run the air conditioner. |
| Refrigerant | refrigerant | This is the type of refrigerant gas used by the air-conditioner |
| Sold\_in | Registration.selling\_countries | These are the countries where the product is registered for sale and may include Australia, New Zealand and/or Fiji |
| Submit\_ID | Registration.pk | This is the unique registration ID record for the product and is taken from the GEMS product database |
| ExpDate | Registration.expiry\_date | This is the date that the product's registration will expire |
| GrandDate | Registration.superseded\_date | This product can be sold after this date but can no longer be manufactured or imported from this date |
| SubmitStatus | Registration.get\_status\_display | This is the registration status of the product and must be either "Superseded" or "Approved" |
| Type | air\_conditioner\_type | This indicates the products ability to cool or to cool and heat (Reverse Cycle) |
| Width | appliance\_dimensions\_width | Insert overall dimension in mm |
| Product Class | Registration.product\_class | Not Applicable |
| Demand Response 1 | demandresponse\_1 | The model may have a demand response capability built into the product that is ready to use as supplied. Refer to AS/NZS 4755.3.1. |
| Demand Response 2 | demandresponse\_2 | The Energy Rating Label may indicate that the product is demand response capable |
| Demand Response 4 | demandresponse\_4 | The model may have a demand response capability only through the addition of a separate part |
| Demand Response 5 | demandresponse\_5 | The model may comply with Mode 1 (on/off) |
| Demand Response 6 | demandresponse\_6 | The model may comply with Mode 2 (50% power) |
| Demand Response 7 | demandresponse\_7 | The model may comply with Mode 3 (75% power) |
| PartNumber | prt\_numb | If the product is demand response capable through the addition of an extra part (see field Demand Response 4) this is the part number. |
| EER | eer\_display | This is the cooling energy efficiency ratio (kW output / kW input) for the product. This has been a mandatory field for the past 4 years, however some older records may be blank. If you want to use a more consistent energy efficiency metric for cooling across the life of the E3 Program, use column EERTestAv. |
| Availability Status | Registration.availability\_status | This is the availability status of the product and must be either "Available" or "Unavailable". This status is based on self-reporting of the registrant |
| star2000\_cool | star2000\_cool | These were the cooling star ratings prior to 2010 and have been superseded |
| star2000\_heat | star2000\_heat | These were the heating star ratings prior to 2010 and have been superseded |
| Product Website | Registration.get\_manufacturer\_company\_website | This is the specific web address for the product itself |
| Representative Brand URL | Registration.representative\_model\_number.brand.url | This is the web address for the manufacturer |
| Star Image Large |  | This is the energy rating icon for the product and is based on the top half of the Energy Rating Label |
| Star Image Small |  | This is a smaller version of the energy rating icon for the product and is based on the top half of the Energy Rating Label |