# Energy Rating Data Dictionary for Chillers

This data dictionary provides a description for each of the column headings in the downloadable csv file, as well as the headings on the Search Results page on the public [Registration Database](http://reg.energyrating.gov.au/comparator/product_types/59/search/).

| **Column Heading in csv** | **Column heading in Search Results** | **Description** |
| --- | --- | --- |
| Submit\_ID |  | This is the unique registration ID record for the product and is taken from the GEMS product database. |
| Brand\_Reg | Brand | This is the brand of the product. |
| Model\_No | Model | Model number. |
| SoldIn | Available | Countries where the product is sold.  |
| Country | Country of Manufacture | Manufacturing countries. |
| Sing\_or\_fam |  | Indicates whether the registration is for a single model or a family of models, as defined in the Determination. |
| standard\_rating | Standard Rating Conditions | For the purposes of demonstrating compliance with MEPS, chillers are normally operated at a standard set of conditions. However, some chillers are not designed to operate at the standard set of rating conditions and in these circumstances may be tested at non-standard rating conditions. This column indicates whether the chiller operates at the standard set of conditions (indicated by TRUE) or non-standard rating conditions (indicated by FALSE). |
| condenser\_type | Condenser Type | The type of condenser used in the unit; can be water cooled or air cooled. |
| cert\_program | Registration Basis | A chiller may be registered on the basis of it being part of a certification program or on the basis that it belongs to a range, part of which is certified. Currently acceptable certification programs are AHRI and Eurovent. Products that are not registered on the basis of one of these certification programs (that is, the field in this column is blank) must demonstrate compliance through laboratory testing of the particular unit. This column should only be used as a guide.  |
| cooling\_capacity | Cooling Capacity (kW) | The calculated cooling power (in kilowatts) of the unit at standard rating conditions. It is measured as the heat given off from the liquid to the refrigerant per unit of time. |
| Decl\_COP | COP (kW/kW) | A ratio of the cooling capacity, in kW, to the total power input in kW (kW/kW), which represents the efficiency of the liquid-chilling package at specific rating conditions. |
| Decl\_IPLV | IPLV (kW/kW) | A single part-load efficiency figure for liquid-chilling packages calculated on the basis of weighted average operation at various partial load capacities and specific ambient conditions as described in the Standard. |
| ExpDate | Expiry Date | This is the date that the product's registration will expire. |
| GrandDate |  | Not Applicable  |
| SubmitStatus |  | This is the registration status of the product and must be either "Superseded" or "Approved". |
| Product Class |  | There is a single product class in the [*Greenhouse and Energy Minimum Standards (Liquid-chilling Packages Using the Vapour Compression Cycle) Determination 2012*](https://www.comlaw.gov.au/Details/F2012L02123). |
| Availability Status | Availability | 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. |
| Product Website |  | This is the specific web address for the product. |
| Representative Brand URL |  | This is the web address for the manufacturer. |
|  | Regulator | This shows which regulator approved the registration. Some product types have slightly different regulations between Australia and New Zealand – more information is on the [Energy Rating website](http://www.energyrating.gov.au/suppliers/registration). |
|  | Registration Number | This is the unique registration number for the product and is taken from the GEMS product database. |
| Star Image Large |  | Not Applicable |
| Star Image Small |  | Not Applicable |